



Remediation Report with Variance and Deferral Request

May 16, 2022

Blinebry Satellite #1 Crude Oil and Produced Water Release

Incident No.: nCE2026733719

Prepared For:

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A handwritten signature in blue ink that reads 'Cynthia K. Crain'.

Cynthia K. Crain, P.G.



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1.0 Introduction

Crain Environmental (CE), on behalf of Southwest Royalties, Inc. (SWR), has prepared this *Site Remediation Report and Deferral Request* for the crude oil and produced water release at the Blinby Satellite #1 (Site) located in Unit C (NE/4, NW/4), Section 29, Township 22 South, Range 38 East in Lea County, New Mexico. The geodetic position is North 32.36805° and West 103.08540°. Figure 1 presents a Site Location map.

2.0 Background

The release was discovered on November 21, 2019, when the Site was operated by Chevron USA Inc. (Chevron). The release occurred when a 3" poly line split due to external corrosion. Chevron reported that 4.78 barrels (bbls) of crude oil were release and approximately 2 bbls were recovered. Approximately 79.8 bbls of produced water were released and 10.99 bbls were recovered. The release results in two spill areas. The initial C-141 was received by OCD District 1 on December 5, 2019 and assigned incident number nCE2026733719.

A *Delineation Report and Remediation Plan* was received by the OCD on April 1, 2020, and the *Remediation Plan* was approved on January 19, 2021. From April through August 2021, approved remediation activities were conducted on behalf of Chevron by Larson and Associates, Inc. (LAI). In September of 2021, the lease was purchased by SWR. On behalf of SWR, this *Remediation Report and Deferral Request* provides information collected during remediation activities, and requests approval to place a liner over a portion of the excavation, backfill both excavations, and defer remediation in the lease road until excavations are backfilled.

3.0 Closure Criteria Applicable to the Site

As depth to groundwater at the site is greater than 100 feet below ground surface (bgs), OCD closure criteria at depths below 4 feet are provided in the table below and in Tables 1 and 2.

Constituent of Concern		Closure Criteria Based on Depth to Groundwater (mg/kg)		
		≤ 50 feet bgs	51 feet to 100 feet bgs	> 100 feet bgs
Chloride (EPA 300)		600	10,000	20,000
TPH (EPA 8015M)	GRO + DRO + MRO	100	2,500	2,500
	GRO + DRO	NA	1,000	1,000
Total BTEX (EPA 8021 or 8260)		50	50	50
Benzene (EPA 8021 or 8260)		10	10	10

- Notes: NA = not applicable
- bgs = below ground surface
- mg/kg = milligrams per kilogram
- GRO = gasoline range organics
- DRO = diesel range organics
- MRO = motor oil range organics
- TPH = total petroleum hydrocarbons
- BTEX = benzene, toluene, ethylbenzene, and total xylenes
- Green highlighted cells denote applicable Closure Criteria.



4.0 Summary of Remediation Activities

During April 2021, LAI personnel supervised the excavation of soil from a produced water and crude oil release at the Blinebry Sat #1 (nCE2026733719) (Site) in Lea County, New Mexico. Soil was excavated between 2 and 4.1 feet below ground surface (bgs). LAI personnel collected one hundred fifty-five confirmation soil samples from within the bottom and sidewall of the excavations.

Laboratory analysis reported bottom samples (C-69 and C-72 at a depth of 4.1 feet bgs) for total petroleum hydrocarbons (TPH) above the NMOCD closure limit of 2,500 milligrams per kilogram (mg/kg). Further excavation was conducted through May 2021 with soil excavated at sample locations C-69 and C-72 to depths of approximately five and seven feet bgs, respectively. Subsequent laboratory analysis reported TPH concentrations above the NMOCD closure criteria of 2,500 mg/kg at 6,810 mg/kg and 17,700 mg/kg, respectively. Additionally, four sidewall confirmation soil samples (C-81, C-82, C-135, and C-10) reported TPH and/or chloride concentrations above the NMOCD closure criteria. LAI personnel supervised the excavation of these sidewall sample locations until the excavation boundary was adjacent to the lease road.

Exploratory excavations (W-EXP-2, EXP-C-72, and S-EXP-1) encompassing sample locations C-69 and C-72 were conducted to vertically and horizontally delineate the elevated TPH and/or chloride concentrations at sample locations C-69 and C-72. Soil samples were collected using the excavator/trackhoe to a depth of nineteen feet bgs at sample location EXP-C-72, sixteen feet bgs at W-EXP-2, and ten feet bgs at S-EXP-1. Laboratory analysis reported TPH concentrations at EXP-C-72 (19') remained above the NMOCD closure criteria of 2,500 mg/kg (7,090 mg/kg).

During August 2021, the exploratory excavation at EXP-C-72 was backfilled to a depth of approximately 4.1 feet bgs to provide access for a drilling rig. During backfilling a six-inch diameter schedule 40 PVC conductor casing was installed in the excavation to allow for further vertical delineation with a drilling rig. On August 10, 2021, LAI personnel supervised Scarborough Drilling of Lamesa, Texas, with an air rotary rig to drill and collect soil samples every five feet at three sample locations (C-69, EXP-C-72, and S-EXP-2) to a depth of approximately thirty feet bgs. Laboratory analysis in soil samples from 20, 25, and 30 feet bgs reported TPH and/or chloride concentrations below the NMOCD closure criteria. Please refer to Table 2.

On August 16, 2021, LAI personnel used a Geoprobe Model 7822DT direct push rig to collect soil samples for horizontally and vertically delineating TPH and/or chloride at four sidewall confirmation sample locations (C-81, C-82, C-135, and C-10). Soil samples B-1 through B-8 were collected at 1, 3, 5 and 10 feet bgs. Laboratory analysis reported benzene, BTEX, TPH and chloride below the NMOCD closure standards in all samples except in the 1-foot samples from B-4 and B-8. Samples from B-4 and B-8 were collected in the lease road and reported TPH at 364 mg/kg (B-4) and 387mg/kg (B-8) and chloride at 625 mg/kg (B-8). Please see attached drawings for sample locations and Table 1 for the laboratory analysis.

In September 22, SWR purchased the lease from Chevron and contacted the landowner to received approval of the liner installation in the west excavation. The landowner requested that the area of proposed liner placement be excavated to a depth of at least seven feet bgs and additional soil samples be collected. On February 7, 2022 the area was excavated to a depth of eight feet bgs and samples were collected from the bottom of the excavation at previous sample locations C-69, C-72, and EXP-C-72. Sidewall samples LC-1 and LC-2 were also collected to provide confirmation of soil concentrations at the edge of the proposed liner where confirmation samples had not been previously collected.



Upon review of Table 2, it was observed that TPH (GRO + DRO) concentrations at sample locations C-64, C-116, and C-137 in the west excavation were reported above the closure criteria of 1,000 mg/kg. On March 28, 2022, a hand auger was used to collect samples one foot below the excavated surface at a depth of 5.1 feet bgs. Laboratory results from each sample reported TPH concentrations below the test method detection limit. On April 18, 2022, one foot of soil was excavated from the areas of sample points C-64, C-116, and C-137 and hauled to disposal.

All laboratory results are summarized in Table 2. The C-141 is provided in Appendix A. All laboratory reports and chain-of-custody documentation are provided in Appendix B. Photographic documentation is provided in Appendix C.

5.0 Request for Variance, Approval to Backfill, and Deferral of Remediation in Lease Road

In accordance with 19.15.29.14(A) NMAC SWR requests a variance to install a 20-mil polyethylene liner in the bottom of the excavation at approximately 8 feet bgs over an area measuring approximately 950 square feet encompassing sample locations C-72, EXP-C-72 and C-69. Figure 2 shows the location for the variance. The liner is necessary to protect soil and groundwater below 8 feet bgs where TPH and/or chloride concentrations remain above the NMOCDC closure standards. The liner will provide equal or better protection of fresh water, public health, and the environment and will prevent vertical migration of contaminants into the deeper soil and groundwater estimated to occur at a depth greater than 104.5 feet bgs. The liner and excavation will be backfilled to ground surface with soil acquired from the landowner that contains chloride concentrations less than 600 mg/kg, TPH concentrations less than 100 mg/kg, total BTEX concentrations less than 50 mg/kg, and benzene concentrations less than 10 mg/kg confirmed by laboratory analysis. The surface will be crowned to prevent stormwater from penetrating the subsurface and liner and seeded to landowner requirements.

SWR requests a deferral from remediation in the lease road until operations utilizing this road have ceased as to prevent disruption and safety hazards caused by remediating the lease road.

6.0 Distribution

Copy 1: Mike Bratcher
New Mexico Energy, Minerals, and Natural Resources Department
Oil Conservation Division, District 2
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Artesia, New Mexico 88210

Copy 2: Tim Culp
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TABLES

Table 1
Delineation Soil Sample Analytical Data Summary
Chevron USA, Blinberry Sat #1
Lea County, New Mexico
North 32 22' 4.98" West 103 5' 7.32"W

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Sample	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)
Remediation Level:				10	50				100 / 2,500	600 / 10,000
S-1	0 - 0.5	12/13/2019	In-Situ	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<4.97
	0.5 - 1	12/13/2019	In-Situ	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	<4.97
S-2	0 - 0.5	12/13/2019	In-Situ	1.42	118	7,670	33,900	2,910	44,500	304
	1	1/28/2020	In-Situ	10.7	1,100	6,380	16,000	1,930	24,300	479
	3	1/28/2020	In-Situ	<0.0200	0.0297	<49.8	77.0	<49.8	77.0	32.0
	5	1/28/2020	In-Situ	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<4.97
	10	1/28/2020	In-Situ	<0.0199	<0.0199	<50.0	<50.0	<50.0	<50.0	80.2
S-3	0 - 0.5	12/13/2019	In-Situ	1.27	101	5790	19000	1700	26500	5,430
	1	1/22/2020	In-Situ	1.60	137	4,140	15,900	1,680	21,700	5,500
	3	1/22/2020	In-Situ	<0.0200	<0.0200	<50.0	75.8	<50.0	75.8	6,920
	5	1/22/2020	In-Situ	<0.0199	<0.0199	<49.9	173	58.5	232	141
	10	1/22/2020	In-Situ	<0.0201	<0.0201	<50.0	<50.0	<50.0	<50.0	91.8
S-4	0 - 0.5	12/13/2019	In-Situ	2.69	197	3,700	22,200	1,980	27,900	2,960
	1	1/28/2020	In-Situ	<0.0250	13.9	1,530	8,930	1,060	11,500	3,280
	3	1/28/2020	In-Situ	0.00245	0.0380	<49.9	<49.9	<49.9	<49.9	4,750
	5	1/28/2020	In-Situ	<0.0200	<0.0200	<49.9	<49.9	<49.9	<49.9	108
	10	1/28/2020	In-Situ	<0.0200	<0.0200	<50.0	<50.0	<50.0	<50.0	125
S-5	0 - 0.5	12/13/2019	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<5.01
	0.5 - 1	12/13/2019	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<4.96
S-6	0 - 0.5	12/13/2019	In-Situ	0.676	56.0	4,440	29,800	2,820	37,100	3,720
	1	1/22/2020	In-Situ	1.13	110.0	4,110	12,500	1,280	17,900	3,330
	3	1/22/2020	In-Situ	<0.0198	3.38	95	437	57	589	404
	5	1/22/2020	In-Situ	<0.00200	0.118	<49.8	<49.8	<49.8	<49.8	48.3

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Remediation Level:				10	50	100 / 2,500				600 / 10,000
	10	1/22/2020	In-Situ	<0.0199	<0.0199	<49.9	<49.9	<49.9	<49.9	
S-7	0 - 0.5	12/13/2019	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<4.99
	0.5 - 1	12/13/2019	In-Situ	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<5.00
S-8	0 - 0.5	12/13/2019	In-Situ	4.84	88.4	7,900	32,300	2,730	42,900	6,010
	1	1/23/2020	In-Situ	1.56	84.5	2,910	14,500	1,560	19,000	5,960
	3	1/23/2020	In-Situ	<0.0198	<0.0198	<50.0	<50.0	<50.0	<50.0	793
	5	1/23/2020	In-Situ	<0.0200	0.0980	<49.9	<49.9	<49.9	<49.9	31.2
	10	1/23/2020	In-Situ	<0.0199	<0.0199	<50.0	<50.0	<50.0	<50.0	113
S-9	0 - 0.5	12/13/2019	In-Situ	2.06	81.2	6,250	20,900	1,910	29,100	5,080
	1	1/23/2020	In-Situ	1.30	116	3,720	8,940	854	13,500	7,570
	3	1/23/2020	In-Situ	4.81	235	3,950	6,710	608	11,300	1,520
	5	1/23/2020	In-Situ	<0.0202	<0.0202	<50.0	<50.0	<50.0	<50.0	26.8
	10	1/23/2020	In-Situ	<0.0198	<0.0198	<49.9	<49.9	<49.9	<49.9	38.6
S-10	0 - 0.5	12/13/2019	In-Situ	5.25	153	7,990	27,200	2,410	37,600	3,350
	1	1/23/2020	In-Situ	0.743	72.6	1,720	6,260	634	8,610	2,810
	3	1/23/2020	In-Situ	<0.0200	0.0579	<50.0	<50.0	<50.0	<50.0	13.3
	5	1/23/2020	In-Situ	<0.0198	<0.0198	<50.0	<50.0	<50.0	<50.0	10.0
	10	1/23/2020	In-Situ	<0.0200	<0.0200	<49.9	<49.9	<49.9	<49.9	26.8
S-11	0 - 0.5	12/13/2019	In-Situ	0.738	27.8	4,170	20,400	1,820	26,400	2,570
	1	1/23/2020	In-Situ	8.81	350	7,650	22,100	1,890	31,600	380
	3	1/23/2020	In-Situ	<0.0200	<0.0200	<50.0	<50.0	<50.0	<50.0	25.2
	5	1/23/2020	In-Situ	<0.0200	<0.0200	<50.0	<50.0	<50.0	<50.0	<4.98
	10	1/23/2020	In-Situ	<0.0199	<0.0199	<50.0	<50.0	<50.0	<50.0	6.11
S-12	0 - 0.5	12/13/2019	In-Situ	2.07	74.7	3,190	17,900	1,650	22,700	3,200
	1	1/23/2020	In-Situ	0.249	13.2	922	2,250	257	3,430	80.6
	3	1/23/2020	In-Situ	<0.0198	<0.0198	<50.0	<50.0	<50.0	<50.0	<5.00

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Remediation Level:				10	50	100 / 2,500				600 / 10,000
	5	1/23/2020	In-Situ	<0.0200	<0.0200	<49.9	<49.9	<49.9	<49.9	5.68
	10	1/23/2020	In-Situ	<0.0200	<0.0200	<50.0	<50.0	<50.0	<50.0	73.1
S-13	0 - 0.5	12/13/2019	In-Situ	4.64	163	9,760	35,000	2,990	47,800	1,850
	1	1/23/2020	In-Situ	3.18	117	3,670	18,600	2,240	24,500	237
	3	1/23/2020	In-Situ	<0.0200	0.0621	<50.0	109	<50.0	109	8.47
	5	1/23/2020	In-Situ	<0.0200	<0.0200	<50.0	<50.0	<50.0	<50.0	7.85
	10	1/23/2020	In-Situ	<0.0200	<0.0200	<49.9	<49.9	<49.9	<49.9	48.3
S-14	0 - 0.5	12/13/2019	In-Situ	5.80	389	10,800	37,500	3,240	51,500	1,240
	1	1/23/2020	In-Situ	5.38	339	6,200	24,100	2,470	32,800	566
	3	1/23/2020	In-Situ	<0.0199	0.135	<50.0	120	<50.0	120	17.2
	5	1/23/2020	In-Situ	<0.0198	<0.0198	<50.0	<50.0	<50.0	<50.0	12.9
	10	1/23/2020	In-Situ	<0.0199	<0.0199	<49.8	<49.8	<49.8	<49.8	53.2
S-15	0 - 0.5	12/13/2019	In-Situ	2.02	64.8	2,960	20,800	2,010	25,800	424
	1	1/23/2020	In-Situ	1.17	82.5	2,180	14,300	1,420	17,900	198
	3	1/23/2020	In-Situ	<0.0198	<0.0198	<50.0	<50.0	<50.0	<50.0	<5.02
	5	1/23/2020	In-Situ	<0.0200	<0.0200	<49.9	<49.9	<49.9	<49.9	51.7
	10	1/23/2020	In-Situ	<0.0199	<0.0199	<50.0	<50.0	<50.0	<50.0	34.6
S-16	0 - 0.5	12/13/2019	In-Situ	1.86	76.2	2,770	16,900	1,600	21,300	3,890
	1	1/24/2020	In-Situ	<0.0202	8.35	733	4,030	355	5,120	188
	3	1/24/2020	In-Situ	<0.00201	0.0034	<50.0	<50.0	<50.0	<50.0	<5.00
	5	1/24/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	36.8
	10	1/24/2020	In-Situ	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	27.4
S-17	0 - 0.5	12/13/2019	In-Situ	6.26	127	4,460	22,900	1,960	29,300	3,320
	1	1/24/2020	In-Situ	0.423	65.9	2,760	14,800	1,340	18,900	242
	3	1/24/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<5.00
	5	1/24/2020	In-Situ	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<5.05

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Remediation Level:				10	50	100 / 2,500				600 / 10,000
	7	1/24/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	12.0
S-18	0 - 0.5	12/13/2019	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<4.97
	0.5 - 1	12/13/2019	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<4.96
S-19	0 - 0.5	12/13/2019	In-Situ	<0.2000	0.9840	2,740	18,800	1,530	23,100	3,270
	1	1/24/2020	In-Situ	0.134	26.70	1,410	7,410	669	9,490	1,350
	3	1/24/2020	In-Situ	<0.00200	<0.00200	<50.0	84.8	<50.0	84.8	10.8
	5	1/24/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<4.96
	10	1/24/2020	In-Situ	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<4.99
S-20	0 - 0.5	12/13/2019	In-Situ	<0.2000	<0.2000	2,010	28,500	2,470	33,000	2,750
	1	1/24/2020	In-Situ	1.94	93.3	2,410	15,100	1,350	18,900	480
	3	1/24/2020	In-Situ	<0.00198	<0.00198	<50.0	90.2	<50.0	90.2	<5.05
	5	1/24/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<5.05
	10	1/24/2020	In-Situ	<0.0400	<0.00400	<50.0	<50.0	<50.0	<50.0	<5.00
S-21	0 - 0.5	12/13/2019	In-Situ	<0.0996	1.21	3,410	38,000	3,210	44,600	3,190
	1	1/24/2020	In-Situ	0.00258	0.899	1,330	12,600	1,380	15,300	850
	3	1/24/2020	In-Situ	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	5.47
	5	1/24/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<5.00
S-22	0 - 0.5	12/13/2019	In-Situ	0.0143	1.58	3,070	33,900	2,960	39,900	70.9
	1	1/24/2020	In-Situ	<0.0833	20.6	1,100	10,500	925	12,500	53.4
	3	1/24/2020	In-Situ	<0.00200	0.0124	<50.0	50.7	<50.0	50.7	16.8
	5	1/24/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	8.80
	10	1/24/2020	In-Situ	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	18.6
S-23	0 - 0.5	12/13/2019	In-Situ	<0.0994	0.911	2,180	31,000	2,740	35,900	523
	1	1/27/2020	In-Situ	0.0301	8.18	352	4,240	412	5,000	36.7
	3	1/27/2020	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	10.2
	5	1/27/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	9.96

Table 1
Delineation Soil Sample Analytical Data Summary
Chevron USA, Blinbry Sat #1
Lea County, New Mexico
North 32 22' 4.98" West 103 5' 7.32"W

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Sample	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)
Remediation Level:				10	50	100 / 2,500				600 / 10,000
	10	1/27/2020	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	19.1
S-24	0.5	12/13/2019	In-Situ	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<4.96
	0.5 - 1	12/13/2019	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	<5.00
S-25	0.5	12/13/2019	In-Situ	0.343	53.2	2,990	38,900	3,250	45,100	2,950
	1	1/27/2020	In-Situ	0.182	85.7	1,210	8,800	775	10,800	23.1
	3	1/27/2020	In-Situ	<0.0501	34.0	1,560	33,400	3,230	38,200	72.1
	5	1/27/2020	In-Situ	<0.00199	<0.00199	<49.9	193	<49.9	193	11.2
	10	1/27/2020	In-Situ	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	8.96
S-26	0 - 0.5	12/13/2019	In-Situ	0.72	125	4,690	39,800	3,340	47,800	190
	1	1/27/2020	In-Situ	<0.0499	15.1	1,260	12,300	1,060	14,600	21.3
	3	1/27/2020	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	14.5
	5	1/27/2020	In-Situ	<0.00202	<0.00202	<49.8	<49.8	<49.8	<49.8	12.1
	10	1/27/2020	In-Situ	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	57.0
S-27	0 - 0.5	12/13/2019	In-Situ	1.03	126	4,650	38,800	3,380	46,800	529
	1	1/27/2020	In-Situ	0.0642	54.2	2,160	20,100	1,880	24,100	82.9
	3	1/27/2020	In-Situ	<0.00201	<0.00201	<50.0	141	<50.0	141	15.2
	5	1/27/2020	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	45.7
	10	1/27/2020	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	130
S-28	0 - 0.5	12/13/2019	In-Situ	0.639	46.7	2,540	35,600	3,340	41,500	1,160
	1	1/27/2020	In-Situ	<0.0500	10.8	511	7,910	908	9,330	63.7
	3	1/27/2020	In-Situ	<0.00199	<0.00199	<49.9	58.8	<49.9	58.8	<4.98
	5	1/27/2020	In-Situ	<0.00201	<0.00201	<49.8	<49.8	<49.8	<49.8	<4.99
	10	1/27/2020	In-Situ	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<4.98
S-29	0 - 0.5	12/13/2019	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<4.98
	0.5 - 1	12/13/2019	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<5.01
S-30	0 - 0.5	12/13/2019	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<5.00

Table 1
Delineation Soil Sample Analytical Data Summary
Chevron USA, Blinbry Sat #1
Lea County, New Mexico
North 32 22' 4.98" West 103 5' 7.32"W

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Sample	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)
Remediation Level:				10	50	100 / 2,500	600 / 10,000			
	0.5 - 1	12/13/2019	In-Situ	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<5.05
S-31	0 - 0.5	12/16/2019	In-Situ	0.1690	83.7	3,930	41,200	3,440	48,600	729
	1	1/28/2020	In-Situ	0.0257	39.8	2,080	19,900	2,460	24,400	1,780
	3	1/28/2020	In-Situ	<0.0201	24.7	971	4,640	525	6,140	165
	5	1/28/2020	In-Situ	<0.0202	<0.0202	<50.0	<50.0	<50.0	<50.0	6.34
	10	1/28/2020	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	27.8
S-32	0 - 0.5	12/16/2019	In-Situ	<0.1990	44.1	3,090	39,700	3,460	46,300	1,360
	1	1/28/2020	In-Situ	<0.0199	38.3	2,140	14,400	1,640	18,200	2,070
	3	1/28/2020	In-Situ	<0.0200	1.22	<49.9	485	64.3	549	554
	5	1/28/2020	In-Situ	<0.00200	<0.00200	<49.8	<49.8	<49.8	<49.8	<5.00
S-33	0 - 0.5	12/16/2019	In-Situ	<0.00199	0.226	1,840	16,200	1,450	19,500	345
	1	1/28/2020	In-Situ	<0.0200	3.77	<250	2,860	365	3,230	484
	3	1/28/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	8.24
	5	1/28/2020	In-Situ	<0.00198	<0.00198	<50.0	<50.0	<50.0	<50.0	<5.01
	10	1/28/2020	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<5.02
S-34	0 - 0.5	12/16/2019	In-Situ	<0.1980	30.2	2,360	20,800	1,930	25,100	1,000
	1	1/28/2020	In-Situ	<0.0200	0.526	<250	2,700	358	3,060	239
	3	1/28/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	12.0
	5	1/28/2020	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<5.03
S-35	0 - 0.5	12/16/2019	In-Situ	0.404	29.3	1,350	15,400	1,460	18,200	4,180
	1	1/29/2020	In-Situ	<0.00202	<0.00202	<49.9	<49.9	<49.9	<49.9	163
	3	1/29/2020	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	118
S-36	0 - 0.5	12/16/2019	In-Situ	<0.0996	23.7	1,990	23,500	2,120	27,600	206
	1	1/29/2020	In-Situ	<0.00202	0.00726	<249	7,420	882	8,300	989
	3	1/29/2020	In-Situ	<0.00201	<0.00201	<49.8	<49.8	<49.8	<49.8	9.47
	5	1/29/2020	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	94.8

Table 1
Delineation Soil Sample Analytical Data Summary
Chevron USA, Blinbry Sat #1
Lea County, New Mexico
North 32 22' 4.98" West 103 5' 7.32"W

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Sample	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)
Remediation Level:				10	50	100 / 2,500				600 / 10,000
	10	1/29/2020	In-Situ	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	49.4
S-37	0 - 0.5	12/16/2019	In-Situ	<0.00202	<0.00202	<50.0	<50.0	<50.0	<50.0	<4.96
	0.5 - 1	12/16/2019	In-Situ	<0.00200	<0.00200	<50.0	<50.0	<50.0	<50.0	<5.00
S-38	0 - 0.5	12/16/2019	In-Situ	<0.0998	3.00	1,040	24,400	2,430	27,900	1,820
	1	1/29/2020	In-Situ	<0.201	27.9	2,390	13,100	2,000	17,500	1,040
	3	1/29/2020	In-Situ	<0.00200	<0.00200	<49.8	167	<49.8	167	9.07
	5	1/29/2020	In-Situ	<0.00200	<0.00200	<50.0	66.5	<50.0	66.5	8.71
S-39	0 - 0.5	12/16/2019	In-Situ	<0.0996	22.6	1,920	23,500	2,340	27,800	1,260
	1	1/29/2020	In-Situ	<0.0200	35.3	1,500	13,300	1,340	16,100	504
	3	1/29/2020	In-Situ	<0.0198	2.08	467	2,550	341	3,360	79.8
	5	1/29/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	33.1
	10	1/29/2020	In-Situ	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	22.8
S-40	0 - 0.5	12/16/2019	In-Situ	<0.00199	<0.00199	<49.9	<49.9	<49.9	<49.9	<4.98
	0.5 - 1	12/16/2019	In-Situ	<0.00198	<0.00198	<49.9	<49.9	<49.9	<49.9	<4.99
S-41	0 - 0.5	12/16/2019	In-Situ	<0.00200	0.187	57.8	951	99.4	1,110	2,560
	1	1/29/2020	In-Situ	<0.0199	4.96	351	7,700	861	8,910	1,450
	3	1/29/2020	In-Situ	<0.00199	<0.00199	<50.0	<50.0	<50.0	<50.0	11.7
	5	1/29/2020	In-Situ	<0.00202	<0.00202	<49.8	<49.8	<49.8	<49.8	103
	10	1/29/2020	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	10.3
S-42	0 - 0.5	12/16/2019	In-Situ	<0.00200	<0.00200	<49.9	<49.9	<49.9	<49.9	<5.00
	0.5 - 1	12/16/2019	In-Situ	<0.00201	<0.00201	<50.0	<50.0	<50.0	<50.0	<5.00
S-43	0 - 0.5	12/16/2019	In-Situ	<0.00201	<0.00201	<49.9	<49.9	<49.9	<49.9	<5.03
	0.5 - 1	12/16/2019	In-Situ	<0.00199	<0.00199	<49.8	<49.8	<49.8	<49.8	26.9
B-1	1	8/16/2021	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	13.2
	3	8/16/2021	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	68.5
	5	8/16/2021	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	84.8

Table 1
Delineation Soil Sample Analytical Data Summary
Chevron USA, Blinbry Sat #1
Lea County, New Mexico
North 32 22' 4.98" West 103 5' 7.32"W

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Sample	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)
Remediation Level:				10	50	100 / 2,500	600 / 10,000			
	10	8/16/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	107
B-2	1	8/16/2021	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	339
	3	8/16/2021	In-Situ	<0.00200	0.00453	<49.9	<49.9	<49.9	<49.9	360
	5	8/16/2021	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	178
	10	8/16/2021	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	83.5
B-3	1	8/16/2021	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	43.2
	3	8/16/2021	In-Situ	0.00254	0.00599	<49.8	<49.8	<49.8	<49.8	83.1
	5	8/16/2021	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	108
	10	8/16/2021	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	114
B-4	1	8/16/2021	In-Situ	<0.00200	<0.00401	<49.9	364	<49.9	364	249
	3	8/16/2021	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	575
	5	8/16/2021	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	320
	10	8/16/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	153
B-5	1	8/16/2021	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	38.4
	3	8/16/2021	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	85.3
	5	8/16/2021	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	99.6
	10	8/16/2021	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	98.8
B-6	1	8/16/2021	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	278
	3	8/16/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	582
	5	8/16/2021	In-Situ	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	542
	10	8/16/2021	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	448
B-7	1	8/16/2021	In-Situ	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	42.3
	3	8/16/2021	In-Situ	0.0000373	<0.000040	<49.9	<49.9	<49.9	<49.9	38.8
	5	8/16/2021	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	25.9
B-8	1	8/16/2021	In-Situ	<0.00200	<0.00400	<49.9	387	<49.9	387	625
	3	8/16/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	998

Table 1
Delineation Soil Sample Analytical Data Summary
Chevron USA, Blinbry Sat #1
Lea County, New Mexico
North 32 22' 4.98" West 103 5' 7.32"W

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Sample	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)
Remediation Level:				10	50				100 / 2,500	600 / 10,000
	5	8/16/2021	In-Situ	<0.00202	0.0101	<49.8	<49.8	<49.8	<49.8	471
	10	8/16/2021	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	312

Notes: Analysis performed by Xenco Laboratories by EPA SW-846 Methods 8021B (BTEX), 8015M (TPH), and M300 (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 levels

Table 2

Confirmation Soil Sample Analytical Data Summary

Chevron USA, Blinbry Sat #1

Lea County, New Mexico

N 32° 22' 4.98", W 103° 5' 7.32"

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Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	TPH C6 - C10 (mg/Kg)	TPH C10 - C28 (mg/Kg)	TPH C28 - C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD Closure Criteria (surface to 4' bgs)					10	50	100			600	
NMOCD Closure Criteria (greater than 4' bgs)					10	50	1,000			2,500	20,000
C-1	Bottom	4.1	4/14/2021	In-Situ	<0.00198	<0.00396	<49.9	206	<49.9	206	57.6
C-2	Bottom	4.1	4/14/2021	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	17.8
C-3	Bottom	4.1	4/14/2021	In-Situ	<0.00201	<0.00402	50.7	<49.8	<49.8	50.7	76.8
C-4	Bottom	4.1	4/14/2021	In-Situ	<0.00200	<0.00401	51.2	<49.9	<49.9	51.2	53.1
C-5	Bottom	4.1	4/14/2021	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	79.7
C-6	Bottom	4.1	4/14/2021	In-Situ	<0.00199	<0.00398	60.3	<50.0	<50.0	60.3	52.0
C-7	Bottom	4.1	4/14/2021	In-Situ	<0.00198	<0.00396	75.7	81.9	<50.0	158	12.3
C-8	Bottom	4.1	4/14/2021	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	262
C-9	Sidewall	0 - 4.1	4/14/2021	In-Situ	<0.00200	<0.00401	71.6	<49.9	<49.9	71.6	41.0
C-10	Sidewall	0 - 4.1	4/14/2021	Excavated	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	3,100
			5/13/2021	Excavated	<0.00200	<0.00399	<49.9	65.4	<49.9	65.4	733
C-11	Sidewall	0 - 4.1	6/8/2021	In-Situ	<0.0402	<0.0803	<49.8	2,600	303	2,900	2,070
			4/14/2021	In-Situ	0.00221	<0.00398	<49.9	59.7	<49.9	59.7	149
C-12	Bottom	2	4/14/2021	In-Situ	<0.00200	<0.00399	<49.8	59.9	<49.8	59.9	111
C-13	Bottom	2	4/14/2021	Excavated	<0.00200	<0.00399	<50.0	153	<50.0	153	15.3
C-14	Bottom	4.1	5/13/2021	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	6.10
		2	4/14/2021	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	10.2
C-15	Bottom	2	4/14/2021	Excavated	<0.00200	<0.00401	<50.0	176	<50.0	176	266
C-16	Bottom	4.1	5/13/2021	In-Situ	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	9.71
		2	4/14/2021	Excavated	<0.00198	<0.00396	<49.9	231	<49.9	231	550
C-17	Bottom	4.1	5/13/2021	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	9.10
		2	4/14/2021	Excavated	<0.00198	<0.00397	<50.1	1,200	<50.1	1,200	406
C-18	Bottom	4.1	5/13/2021	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	29.5
		2	4/14/2021	Excavated	<0.00201	<0.00402	<50.1	383	<50.1	383	421
C-19	Bottom	4.1	5/13/2021	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	24.7
		2	4/14/2021	Excavated	<0.00201	<0.00402	<49.9	3,790	<49.9	3,790	390
C-20	Bottom	4.1	5/13/2021	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	51.5
		2	4/14/2021	Excavated	<0.00201	<0.00402	<49.8	574	<49.8	574	183
C-20	Bottom	4.1	5/13/2021	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	69.0

Table 2

Confirmation Soil Sample Analytical Data Summary

Chevron USA, Blinbry Sat #1

Lea County, New Mexico

N 32° 22' 4.98", W 103° 5' 7.32"

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Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	TPH C6 - C10 (mg/Kg)	TPH C10 - C28 (mg/Kg)	TPH C28 - C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD Closure Criteria (surface to 4' bgs)					10	50	100			600	
NMOCD Closure Criteria (greater than 4' bgs)					10	50	1,000			2,500	20,000
C-21	Bottom	2	4/14/2021	In-Situ	<0.00198	<0.00397	<49.9	54.6	<49.9	54.6	100
C-22	Bottom	2	4/14/2021	In-Situ	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	103
C-23	Bottom	2	4/14/2021	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	223
C-24	Sidewall	0 - 2	4/14/2021	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	73.5
C-25	Sidewall	0 - 2	4/14/2021	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	12.0
C-26	Bottom	4.1	4/14/2021	In-Situ	<0.00200	<0.00400	89.8	<50.0	<50.0	89.8	67.1
C-27	Bottom	4.1	4/14/2021	In-Situ	<0.00198	<0.00396	<50.0	167	<50.0	167	63.8
C-28	Bottom	4.1	4/14/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	25.4
C-29	Bottom	4.1	4/14/2021	In-Situ	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	13.2
C-30	Bottom	4.1	4/14/2021	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	28.0
C-31	Bottom	4.1	4/14/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	9.73
C-32	Bottom	4.1	4/14/2021	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	36.8
C-33	Bottom	4.1	4/14/2021	In-Situ	<0.00199	<0.00398	<50.0	133	<50.0	133	46.8
C-34	Bottom	4.1	4/14/2021	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	16.4
C-35	Bottom	4.1	4/14/2021	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	9.41
C-36	Bottom	4.1	4/14/2021	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	17.5
C-38	Bottom	4.1	4/14/2021	In-Situ	<0.00200	<0.00400	<50.1	50.7	<50.1	50.7	20.6
C-40	Sidewall	0 - 4.1	4/14/2021	In-Situ	<0.00198	<0.00397	<50.1	<50.1	<50.1	<50.1	16.2
C-41'	Sidewall	0 - 4.1	4/14/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	105
C-41	Bottom	2	4/14/2021	Excavated	<0.00200	<0.00401	203	9,710	1,220	10,600	346
		4.1	5/13/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	109
C-42	Bottom	2	4/14/2021	Excavated	<0.00202	0.0665	<49.9	424	140	564	153
		4.1	5/13/2021	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	38.7
C-43	Bottom	2	4/14/2021	Excavated	<0.00200	<0.00401	<49.9	56.0	53.6	110	13.7
		4.1	5/13/2021	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	12.0
C-44	Bottom	2	4/14/2021	Excavated	<0.00201	<0.00402	<49.8	400	152	552	261
C-44	Bottom	4.1	5/13/2021	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	33.8
C-45	Bottom	2	4/14/2021	Excavated	<0.00200	<0.00400	<49.9	164	54.5	219	191

Table 2

Confirmation Soil Sample Analytical Data Summary

Chevron USA, Blinbry Sat #1

Lea County, New Mexico

N 32° 22' 4.98", W 103° 5' 7.32"

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Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	TPH C6 - C10 (mg/Kg)	TPH C10 - C28 (mg/Kg)	TPH C28 - C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD Closure Criteria (surface to 4' bgs)					10	50	100			600	
NMOCD Closure Criteria (greater than 4' bgs)					10	50	1,000			2,500	20,000
C-45		4.1	5/13/2021	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	18.2
C-46	Bottom	2	4/14/2021	In-Situ	<0.00198	<0.00397	<50.0	74.0	<50.0	74.0	25.4
C-47	Bottom	2	4/14/2021	Excavated	<0.00200	<0.00399	<50.0	174	54.9	229	19.4
		4.1	5/13/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	18.5
C-48	Bottom	2	4/14/2021	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	23.3
C-49	Bottom	2	4/14/2021	Excavated	<0.00201	0.00798	<49.9	120	<49.9	120	31.1
		4.1	5/13/2021	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	9.91
C-50	Bottom	2	4/14/2021	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	9.16
C-51	Sidewall	0 - 2	4/14/2021	Excavated	<0.00198	<0.00396	<50.0	1,280	393	1,670	83.1
			5/13/2021	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	28.0
C-52	Sidewall	0 - 2	4/14/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	13.6
C-53	Sidewall	0 - 2	4/14/2021	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	7.17
C-54	Bottom	4.1	4/21/2021	In-Situ	<0.00201	0.0958	<49.9	819	211	1,030	366
C-55	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	23.7
C-56	Bottom	4.1	4/21/2021	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	50.9
C-57	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00400	<49.9	326	74.3	400	26.3
C-58	Bottom	4.1	4/21/2021	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	2,330
C-59	Bottom	4.1	4/21/2021	In-Situ	<0.00199	0.00601	<50.0	366	86.4	452	2,700
C-60	Bottom	4.1	4/21/2021	In-Situ	<0.00200	0.403	<50.0	682	157	839	7,350
C-61	Bottom	4.1	4/21/2021	In-Situ	<0.00201	<0.00402	<49.9	76.1	<49.9	76.1	1,450
C-62	Bottom	4.1	4/21/2021	In-Situ	<0.00202	<0.00404	<49.9	237	<49.9	237	101
C-63	Bottom	4.1	4/21/2021	In-Situ	<0.00202	<0.00403	<50.0	382	94.7	477	169
C-64	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00400	<49.9	1,790	605	2,400	176
		5.1	3/28/2022	In-Situ	--	--	<50.0	<50.0	<50.0	<50.0	--
C-65	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00400	<49.8	<49.8	101	101	4,620
C-66	Bottom	4.1	4/21/2021	In-Situ	<0.00198	<0.00396	<50.0	850	191	1,040	32.2
C-67	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00399	<50.0	537	123	660	3,040
C-68	Bottom	4.1	4/21/2021	In-Situ	<0.00198	<0.00397	<50.0	<50.0	66.9	66.9	29.4

Table 2

Confirmation Soil Sample Analytical Data Summary

Chevron USA, Blinbry Sat #1

Lea County, New Mexico

N 32° 22' 4.98", W 103° 5' 7.32"

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Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	TPH C6 - C10 (mg/Kg)	TPH C10 - C28 (mg/Kg)	TPH C28 - C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD Closure Criteria (surface to 4' bgs)					10	50	100			600	
NMOCD Closure Criteria (greater than 4' bgs)					10	50	1,000			2,500	20,000
C-69	Bottom	4.1	4/21/2021	Excavated	<0.0402	9.86	385	2,970	612	3,970	11,500
C-69		5	5/19/2021	Excavated	0.00209	10.5	556	5,310	941	6,810	4,600
		8	2/7/2022	In-Situ	<0.000385	0.304	155	1,700	<15.0	1,860	19.3
		10	8/10/2021	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	187
		15	8/10/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	111
		20	8/10/2021	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	88.2
		25	8/10/2021	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	86.5
		30	8/10/2021	In-Situ	<0.00202	<0.00403	<49.8	<49.8	<49.8	<49.8	52.8
LC-1	Sidewall	5	2/7/2022	In-Situ	<0.000385	<0.00101	<15.0	2,070	<15.0	2,070	59.8
C-70	Bottom	4.1	4/21/2021	In-Situ	<0.00199	<0.00398	<50.0	381	81.0	462	934
C-71	Bottom	4.1	4/21/2021	Excavated	<0.0398	1.15	83.0	1,140	260	1,480	967
C-72	Bottom	4.1	4/21/2021	Excavated	<0.101	1.14	<250	3,240	680	3,920	2,360
		7	5/12/2021	Excavated	0.485	50.9	3,260	12,600	1,840	17,700	1,010
C-72	Bottom/Sidewall	4.1-7	5/12/2021	Excavated	0.164	45.0	301	1,080	140	1,520	1,600
			5/19/2021	Excavated	<0.00202	0.00646	<249	3,630	752	4,380	5,520
LC-2	Bottom	8	2/7/2022	In-Situ	<0.000388	0.0965	22.1	52.9	<15.0	75.0	174
EXP-C-72	Sidewall	5	2/7/2022	In-Situ	<0.000385	<0.00101	<15.0	85.3	<15.0	85.3	11.6
	Bottom	8	2/7/2022	In-Situ	<0.000383	0.003613	<15.0	29.3	<15.0	29.3	6.36
	Bottom	10	5/20/2021	In-Situ	0.144	32.9	1,340	5,440	662	7,440	1,660
		13	5/20/2021	In-Situ	0.168	24.1	1,270	3,480	421	5,170	962
		16	5/20/2021	In-Situ	<0.200	30.5	1,770	4,190	538	6,500	1,140
		19	5/20/2021	In-Situ	<0.200	46.4	1,370	5,100	615	7,090	3,030
		20	8/10/2021	In-Situ	<0.00199	0.765	<50.0	1,530	329	1,860	5.90
		25	8/10/2021	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<5.04
		30	8/10/2021	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	10.3
S-EXP-1	Bottom	7	5/20/2021	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	70.9
		10	5/20/2021	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	99.9
S-EXP-2	Bottom	5	8/10/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	9.47

Table 2

Confirmation Soil Sample Analytical Data Summary

Chevron USA, Blinbry Sat #1

Lea County, New Mexico

N 32° 22' 4.98", W 103° 5' 7.32"

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Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	TPH C6 - C10 (mg/Kg)	TPH C10 - C28 (mg/Kg)	TPH C28 - C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD Closure Criteria (surface to 4' bgs)					10	50	100			600	
NMOCD Closure Criteria (greater than 4' bgs)					10	50	1,000			2,500	20,000
S-EXP-2		10	8/10/2021	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	302
		15	8/10/2021	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	2,110
		20	8/10/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	551
		25	8/10/2021	In-Situ	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	574
		30	8/10/2021	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	222
W-EXP-2	Bottom	7	5/20/2021	Excavated	<0.00199	10.8	219	1,160	139	1,520	1,950
C-73	Bottom	10	5/20/2021	In-Situ	<0.00198	0.569	<49.9	466	53.2	519	824
		13	5/20/2021	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	354
		16	5/20/2021	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	423
		4.1	4/21/2021	In-Situ	<0.00200	<0.00401	<49.8	344	70.8	415	3,090
C-74	Bottom	4.1	4/21/2021	Excavated	<0.00198	<0.00397	<49.9	2,210	<49.9	2,210	599
C-75	Bottom	4.1	4/21/2021	In-Situ	<0.00201	<0.00402	<49.9	67.0	<49.9	67.0	<5.05
C-76	Bottom	4.1	4/21/2021	In-Situ	0.0631	0.184	<49.8	1,770	<49.8	1,770	418
C-77	Bottom	4.1	4/21/2021	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	1,290
C-78	Sidewall	0 - 4.1	4/21/2021	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	21.4
C-79	Sidewall	0 - 4.1	4/21/2021	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	100
C-80	Sidewall	0 - 4.1	4/21/2021	In-Situ	0.00547	0.00830	<50.0	<50.0	<50.0	<50.0	113
C-81	Sidewall	0 - 4.1	4/21/2021	Excavated	0.0691	7.39	439	2,320	<49.9	2,760	145
		4.1	5/19/2021	Excavated	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	2,850
			6/8/2021	In-Situ	<0.0400	<0.0800	<49.7	140	52.1	192	296
C-82	Sidewall	0 - 4.1	4/21/2021	Excavated	<0.00199	0.0413	144	3,050	<49.9	3,190	189
		4.1	5/19/2021	Excavated	<0.00200	0.200	<49.9	1,190	219	1,410	48.4
C-82 (Discrete)	Sidewall	2	6/8/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	238
			6/8/2021	In-Situ	<0.0400	1.22	80.4	2,430	269	2,780	1,090
C-83	Sidewall	0 - 4.1	4/21/2021	Excavated	<0.00198	0.0275	67.4	1,550	<50.0	1,620	95.2
			5/19/2021	Excavated	<0.00200	0.0213	327	5,480	1,260	7,070	5,800
C-84	Bottom	2	6/8/2021	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	147
			4/21/2021	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	14.8

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Confirmation Soil Sample Analytical Data Summary

Chevron USA, Blinbry Sat #1

Lea County, New Mexico

N 32° 22' 4.98", W 103° 5' 7.32"

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Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	TPH C6 - C10 (mg/Kg)	TPH C10 - C28 (mg/Kg)	TPH C28 - C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD Closure Criteria (surface to 4' bgs)					10	50	100			600	
NMOCD Closure Criteria (greater than 4' bgs)					10	50	1,000			2,500	20,000
C-85	Bottom	2	4/21/2021	In-Situ	<0.00200	<0.00399	<49.8	65.0	<49.8	65.0	20.1
C-86	Bottom	2	4/21/2021	Excavated	<0.00201	0.0143	60.9	625	<50.0	686	65.8
		4.1	5/19/2021	In-Situ	<0.00200	<0.00400	<50.0	160	<50.0	160	81.2
C-87	Bottom	2	4/21/2021	Excavated	0.0453	12.5	324	1,750	<50.0	2,070	1,780
		4.1	5/19/2021	In-Situ	<0.00198	<0.00396	<49.9	114	<49.9	114	79.9
C-88	Bottom	2	4/21/2021	Excavated	<0.00198	<0.00397	<50.0	104	<50.0	104	51.8
		4.1	5/19/2021	In-Situ	0.00207	<0.00398	<49.9	<49.9	<49.9	<49.9	40.8
C-89	Bottom	2	4/21/2021	Excavated	<0.00201	<0.00402	<49.9	159	<49.9	159	26.1
		4.1	5/19/2021	In-Situ	0.00203	<0.00402	<49.9	<49.9	<49.9	<49.9	7.56
C-90	Bottom	2	4/21/2021	Excavated	<0.0404	16.1	244	1,050	<50.0	1,290	327
		4.1	5/19/2021	In-Situ	<0.00199	<0.00398	<49.8	270	65.6	336	265
C-91	Bottom	2	4/21/2021	Excavated	<0.0404	1.47	89.0	2,220	<49.9	2,310	232
		4.1	5/19/2021	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	83.1
C-92	Bottom	2	4/21/2021	Excavated	<0.00200	<0.00400	<50.0	200	<50.0	200	96.8
		4.1	5/19/2021	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	14.3
C-93	Bottom	2	4/21/2021	Excavated	0.00272	0.0239	<49.8	456	<49.8	456	138
		4.1	5/19/2021	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	6.81
C-94	Bottom	2	4/21/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	48.0
C-95	Bottom	2	4/21/2021	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	6.29
C-96	Bottom	2	4/21/2021	Excavated	0.00710	0.00710	<49.8	202	<49.8	202	28.0
		4.1	5/19/2021	In-Situ	0.00260	<0.00399	<50.0	<50.0	<50.0	<50.0	18.0
C-97	Bottom	2	4/21/2021	Excavated	<0.00200	<0.00399	<49.9	439	<49.9	439	31.2
		4.1	5/19/2021	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	31.3
C-98	Bottom	2	4/21/2021	Excavated	<0.00202	0.00952	110	4,220	<50.0	4,330	477
		4.1	5/19/2021	In-Situ	0.0021	<0.00399	<49.9	140	<49.9	140	138
C-99	Bottom	2	4/21/2021	Excavated	<0.0401	2.84	56.5	1,420	<50.0	1,480	352
		4.1	5/19/2021	In-Situ	<0.00200	<0.00400	<49.9	853	197	1,050	544
C-100	Bottom	2	4/21/2021	Excavated	0.00263	0.00552	<50.0	344	<50.0	344	851

Table 2

Confirmation Soil Sample Analytical Data Summary

Chevron USA, Blinbry Sat #1

Lea County, New Mexico

N 32° 22' 4.98", W 103° 5' 7.32"

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Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	TPH C6 - C10 (mg/Kg)	TPH C10 - C28 (mg/Kg)	TPH C28 - C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD Closure Criteria (surface to 4' bgs)					10	50	100			600	
NMOCD Closure Criteria (greater than 4' bgs)					10	50	1,000			2,500	20,000
		4.1	5/19/2021	In-Situ	<0.00199	<0.00398	<49.8	52.4	<49.8	52.4	190
C-101	Bottom	2	4/21/2021	Excavated	<0.0990	29.9	231	1,370	<49.9	1,600	158
C-101		4.1	5/19/2021	In-Situ	<0.00199	<0.00398	<49.8	136	<49.8	136	96.7
C-102	Bottom	2	4/21/2021	Excavated	<0.00199	<0.00398	61.8	161	<49.9	223	33.1
		4.1	5/19/2021	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	94.5
C-103	Bottom	2	4/21/2021	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	36.3
C-104	Bottom	2	4/21/2021	In-Situ	<0.00200	0.00791	<49.9	<49.9	<49.9	<49.9	29.3
C-105	Bottom	2	4/21/2021	In-Situ	<0.00200	<0.00400	<49.8	<49.8	<49.8	<49.8	43.0
C-106	Bottom	2	4/21/2021	In-Situ	<0.00199	<0.00398	<50.0	50.5	<50.0	50.5	70.9
C-107	Bottom	2	4/21/2021	Excavated	<0.00199	<0.00398	<50.0	2,470	<50.0	2,470	98.3
		4.1	5/19/2021	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	28.0
C-108	Bottom	2	4/21/2021	Excavated	<0.00198	<0.00397	<50.0	1,040	<50.0	1,040	66.9
		4.1	5/19/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	35.6
C-109	Bottom	2	4/21/2021	Excavated	<0.00202	<0.00404	<49.9	161	<49.9	161	75.0
		4.1	5/19/2021	In-Situ	<0.00200	<0.00399	<50.0	96.4	<50.0	96.4	113
C-110	Bottom	2	4/21/2021	Excavated	<0.0994	33.6	409	2,180	<50.0	2,590	1,180
		4.1	5/19/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	211
C-111	Bottom	2	4/21/2021	Excavated	<0.00200	0.0738	<49.9	668	<49.9	668	377
		4.1	5/19/2021	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	79.0
C-112	Bottom	2	4/21/2021	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	45.2
C-113	Bottom	2	4/21/2021	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	19.3
C-114	Bottom	2	4/21/2021	Excavated	<0.00200	<0.00399	<49.9	648	81.7	730	71.4
C-114	Bottom	4.1	5/19/2021	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	162
C-115	Bottom	2	4/21/2021	Excavated	<0.00200	<0.0399	<49.9	1,780	197	1,980	947
		4.1	5/19/2021	In-Situ	<0.00200	<0.00399	<49.9	722	<49.9	722	882
C-116	Bottom	2	4/21/2021	Excavated	<0.00199	<0.00398	<49.8	1,360	152	1,510	274
		4.1	5/19/2021	In-Situ	<0.00198	<0.00396	<49.9	1,960	<49.9	1,960	717
		5.1	3/28/2022	In-Situ	--	--	<49.9	<49.9	<49.9	<49.9	--

Table 2

Confirmation Soil Sample Analytical Data Summary

Chevron USA, Blinbry Sat #1

Lea County, New Mexico

N 32° 22' 4.98", W 103° 5' 7.32"

Page 8 of 10

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	TPH C6 - C10 (mg/Kg)	TPH C10 - C28 (mg/Kg)	TPH C28 - C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD Closure Criteria (surface to 4' bgs)					10	50	100			600	
NMOCD Closure Criteria (greater than 4' bgs)					10	50	1,000			2,500	20,000
C-117	Bottom	2	4/21/2021	Excavated	<0.00199	<0.00398	<49.9	683	89.0	772	75.1
		4.1	5/19/2021	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	153
C-118	Bottom	2	4/21/2021	In-Situ	<0.00200	<0.00401	<50.0	86.9	<50.0	86.9	16.7
C-119	Bottom	2	4/21/2021	Excavated	<0.00202	<0.00404	<50.0	341	52.9	394	630
		4.1	5/19/2021	In-Situ	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	35.8
C-120	Bottom	2	4/21/2021	Excavated	<0.00202	<0.00404	<50.0	2,120	223	2,340	387
		4.1	5/19/2021	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	318
C-121	Bottom	2	4/21/2021	In-Situ	<0.00202	<0.00403	<49.9	91.8	<49.9	91.8	31.3
C-122	Bottom	2	4/21/2021	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	11.6
C-123	Bottom	2	4/21/2021	Excavated	<0.00200	<0.00401	<50.0	341	<50.0	341	39.8
		4.1	5/19/2021	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	132
C-124	Bottom	2	4/21/2021	Excavated	<0.00202	<0.00404	<49.9	1,240	156	1,400	371
		4.1	5/19/2021	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	1,470
C-125	Bottom	2	4/21/2021	In-Situ	<0.00200	<0.00401	<49.8	93.5	<49.8	93.5	179
C-126	Bottom	2	4/21/2021	Excavated	<0.00400	0.221	<50.0	2,440	291	2,730	1,030
		4.1	5/19/2021	In-Situ	<0.00201	<0.00402	<50.0	131	<50.0	131	246
C-127	Bottom	2	4/21/2021	Excavated	<0.00200	<0.00399	<50.0	172	<50.0	172	1,870
		4.1	5/19/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	40.5
C-128	Bottom	2	4/21/2021	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	17.4
C-129	Bottom	2	4/21/2021	Excavated	<0.00198	<0.00397	<49.9	1,480	156	1,640	30.2
		4.1	5/19/2021	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	56.6
C-130	Bottom	2	4/21/2021	Excavated	<0.00199	<0.00398	<50.0	126	<50.0	126	47.0
C-130	Bottom	4.1	5/19/2021	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	38.4
C-131	Sidewall	0 - 2	4/21/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	9.29
C-132	Sidewall	0 - 2	4/21/2021	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	11.5
C-133	Sidewall	0 - 2	4/21/2021	In-Situ	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.8	11.6
C-134	Sidewall	0 - 2	4/21/2021	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	110
C-135	Sidewall	0 - 2	4/21/2021	Excavated	<0.00200	<0.00401	<49.9	2,160	235	2,400	77.4

Table 2

Confirmation Soil Sample Analytical Data Summary

Chevron USA, Blinberry Sat #1

Lea County, New Mexico

N 32° 22' 4.98", W 103° 5' 7.32"

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Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	TPH C6 - C10 (mg/Kg)	TPH C10 - C28 (mg/Kg)	TPH C28 - C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD Closure Criteria (surface to 4' bgs)					10	50	100			600	
NMOCD Closure Criteria (greater than 4' bgs)					10	50	1,000			2,500	20,000
C-135 (Discrete)	Sidewall	4.1	5/19/2021	Excavated	<0.00199	0.0123	<49.8	984	<49.8	984	2,150
			6/8/2021	In-Situ	<0.00200	<0.00400	<49.9	211	<49.9	211	753
		2	6/8/2021	In-Situ	<0.0400	10.4	610	5,690	678	6,980	496
C-136	Sidewall	0 - 2	4/21/2021	Excavated	<0.00199	<0.00398	<49.8	847	94.5	942	7.70
C-137	Bottom	4.1	5/19/2021	In-Situ	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	40.4
		4.1	4/21/2021	In-Situ	<0.00200	0.0881	54.1	1,980	255	2,290	473
		5.1	3/28/2022	In-Situ	--	--	<49.9	<49.9	<49.9	<49.9	--
C-138	Bottom	4.1	4/21/2021	In-Situ	<0.00201	<0.00402	<50.0	254	<50.0	254	39.3
C-139	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00400	<50.0	236	<50.0	236	17.1
C-140	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00399	<50.0	109	<50.0	109	36.7
C-141	Bottom	4.1	4/21/2021	In-Situ	<0.00202	<0.00404	<49.9	121	<49.9	121	12.3
C-142	Bottom	4.1	4/21/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	18.4
C-143	Bottom	4.1	4/21/2021	In-Situ	<0.00201	<0.00402	<50.0	67.1	<50.0	67.1	12.4
C-144	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00401	<49.9	182	<49.9	182	29.4
C-145	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00399	<49.8	143	<49.8	143	43.6
C-146	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	29.5
C-147	Bottom	4.1	4/21/2021	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	12.3
C-148	Bottom	4.1	4/21/2021	In-Situ	<0.00202	<0.00403	<50.0	234	<50.0	234	28.3
C-149	Bottom	4.1	4/21/2021	In-Situ	<0.00200	<0.00399	<49.9	231	<49.9	231	33.4
C-150	Bottom	4.1	4/21/2021	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	9.53
C-151	Bottom	4.1	4/21/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	12.1
C-152	Sidewall	0 - 4.1	4/21/2021	Excavated	<0.00201	0.0261	<50.0	2,040	242	2,280	17.7
C-152	Sidewall	0 - 4.1	5/19/2021	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	59.2
C-153	Sidewall	0 - 4.1	4/21/2021	In-Situ	<0.00202	<0.00404	<49.8	<49.8	<49.8	<49.8	26.3
C-154	Sidewall	0 - 4.1	4/21/2021	In-Situ	0.00356	0.0586	<50.0	<50.0	<50.0	<50.0	13.0
C-155	Sidewall	0 - 4.1	4/21/2021	In-Situ	<0.00201	0.00427	<49.9	<49.9	<49.9	<49.9	9.80
(S-1) Backfill	--	0-1	4/19/2021	In-Situ	<0.00199	<0.00398	<49.9	56.3	<49.9	56.3	21.1

Table 2
Confirmation Soil Sample Analytical Data Summary
Chevron USA, Blinbry Sat #1
Lea County, New Mexico
N 32° 22' 4.98", W 103° 5' 7.32"

Page 10 of 10

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	TPH C6 - C10 (mg/Kg)	TPH C10 - C28 (mg/Kg)	TPH C28 - C36 (mg/Kg)	Total TPH (mg/Kg)	Chloride (mg/Kg)
NMOCD Closure Criteria (surface to 4' bgs)					10	50	100			600	
NMOCD Closure Criteria (greater than 4' bgs)					10	50	1,000			2,500	20,000
(S-2) Backfill	--	0-1	4/19/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	7.83
(S-3) Backfill	--	0-1	4/19/2021	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	6.65
(S-4) Backfill	--	0-1	4/19/2021	In-Situ	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	9.57
(S-5) Backfill	--	0-1	4/19/2021	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	7.22
(S-6) Backfill	--	0-1	4/19/2021	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	7.24
(S-7) Backfill	--	0-1	4/19/2021	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	8.63
(S-8) Backfill	--	0-1	4/19/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	7.64
(S-9) Backfill	--	0-1	4/19/2021	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	8.09
(S-10) Backfill	--	0-1	4/19/2021	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	6.13
(S-11) Backfill	--	0-1	4/19/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	6.45
(S-12) Backfill	--	0-1	4/19/2021	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	6.59
(S-13) Backfill	--	0-1	5/18/2021	In-Situ	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	<4.99
(S-14) Backfill	--	0-1	5/18/2021	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<5.05
(S-15) Backfill	--	0-1	5/18/2021	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<5.02
(S-16) Backfill	--	0-1	5/18/2021	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	<4.98

Notes: analysis performed by Xenco Laboratories (Xenco), Midland, Texas by EPA SW-846 Methods 8021B (BTEX) and 8015M (TPH), and Method 300 (chloride)

Depth in feet below ground surface (bgs)

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

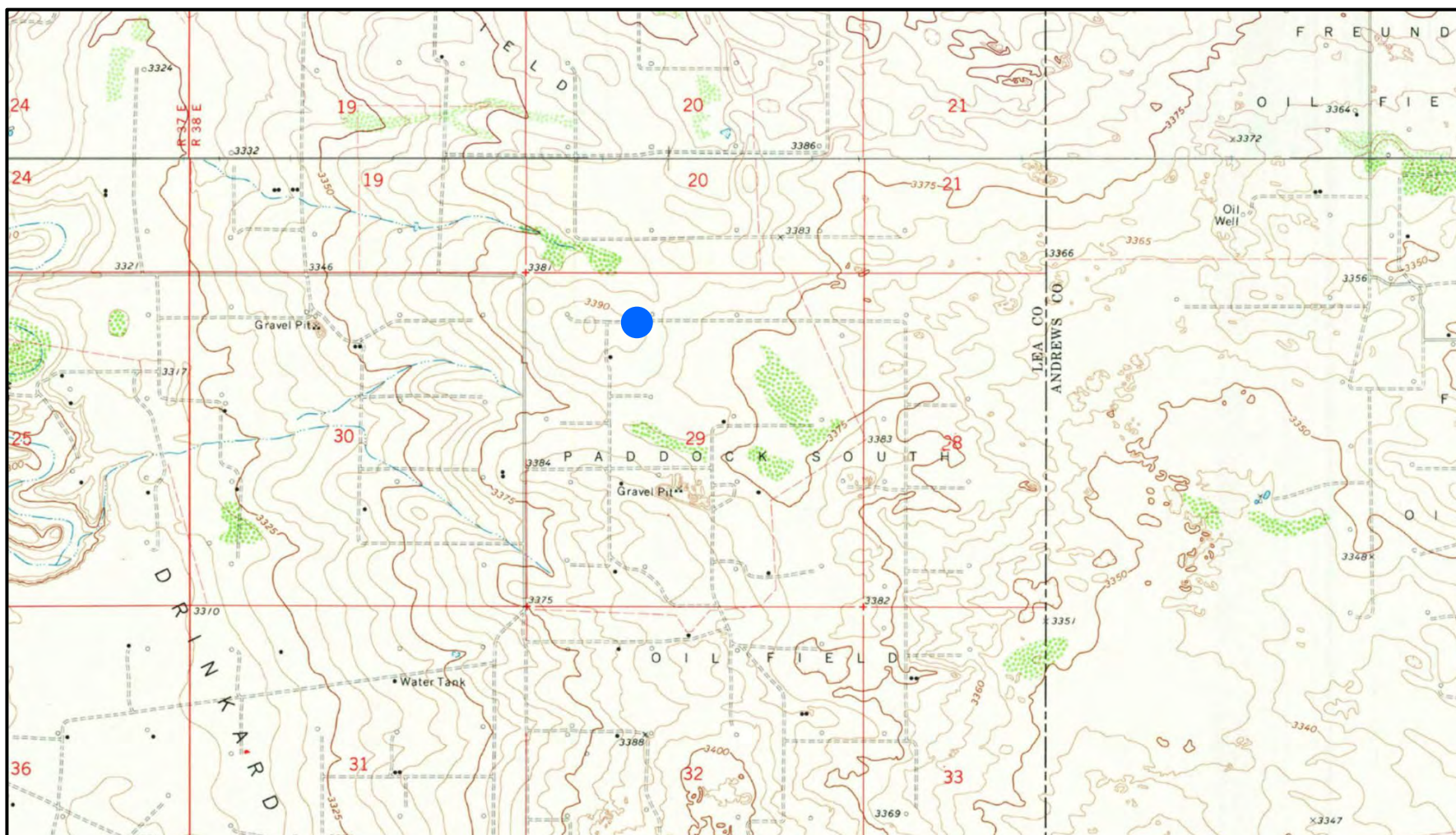
Bold and Highlighted Denotes Concentrations Above OCD Closure Criteria

Green Highlighting Denotes Soil Has Been Excavated and Disposed

Purple Highlighting Denotes Liner Boundaries and Samples to be covered by liner.



FIGURES



LEGEND:

 Site Location



Base Map from GAIA GPS

Figure 1
Site Location Map
Southwest Royalties, Inc.,
Blinbry Satellite #1
Lea County, New Mexico

Drafted by: CC | Checked by: CC

Draft: May 14, 2022

GPS: 32.36805° -103.08540°



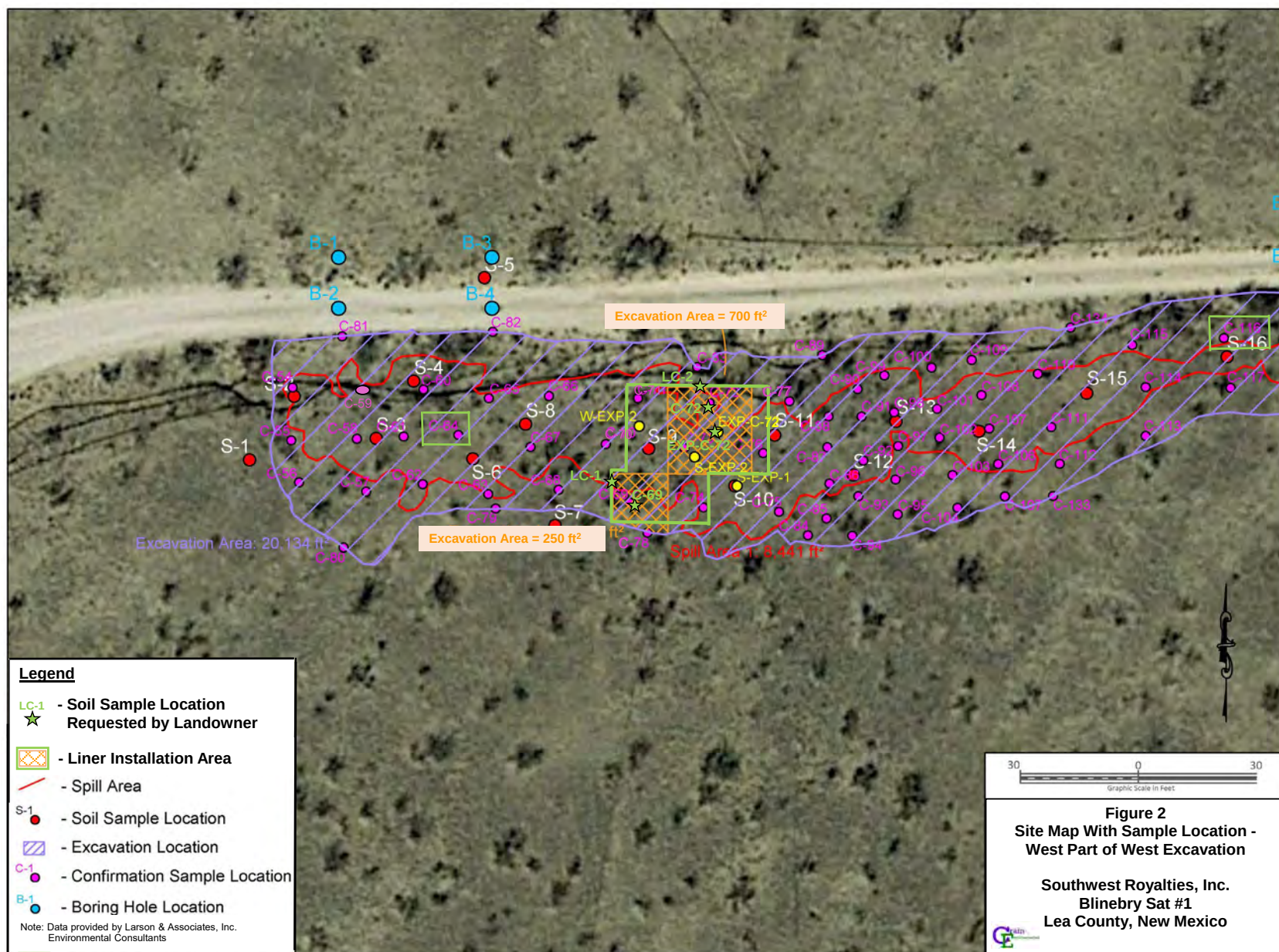


Figure 2 - Focused Western Spill 1 Aerial Map Showing Western Excavation Area

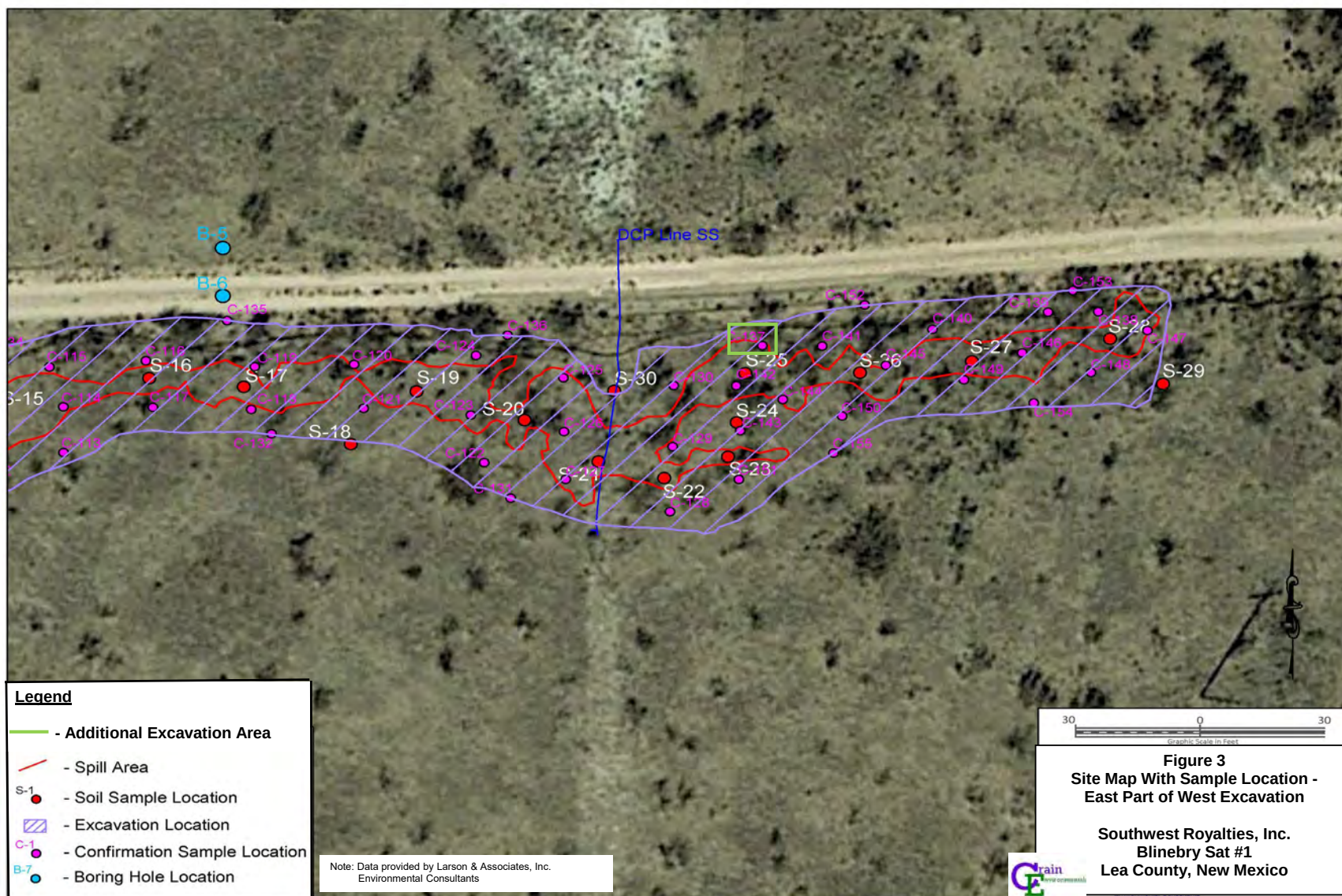


Figure 3 - Focused Eastern Spill 1 Aerial Map Showing Eastern Excavation Area

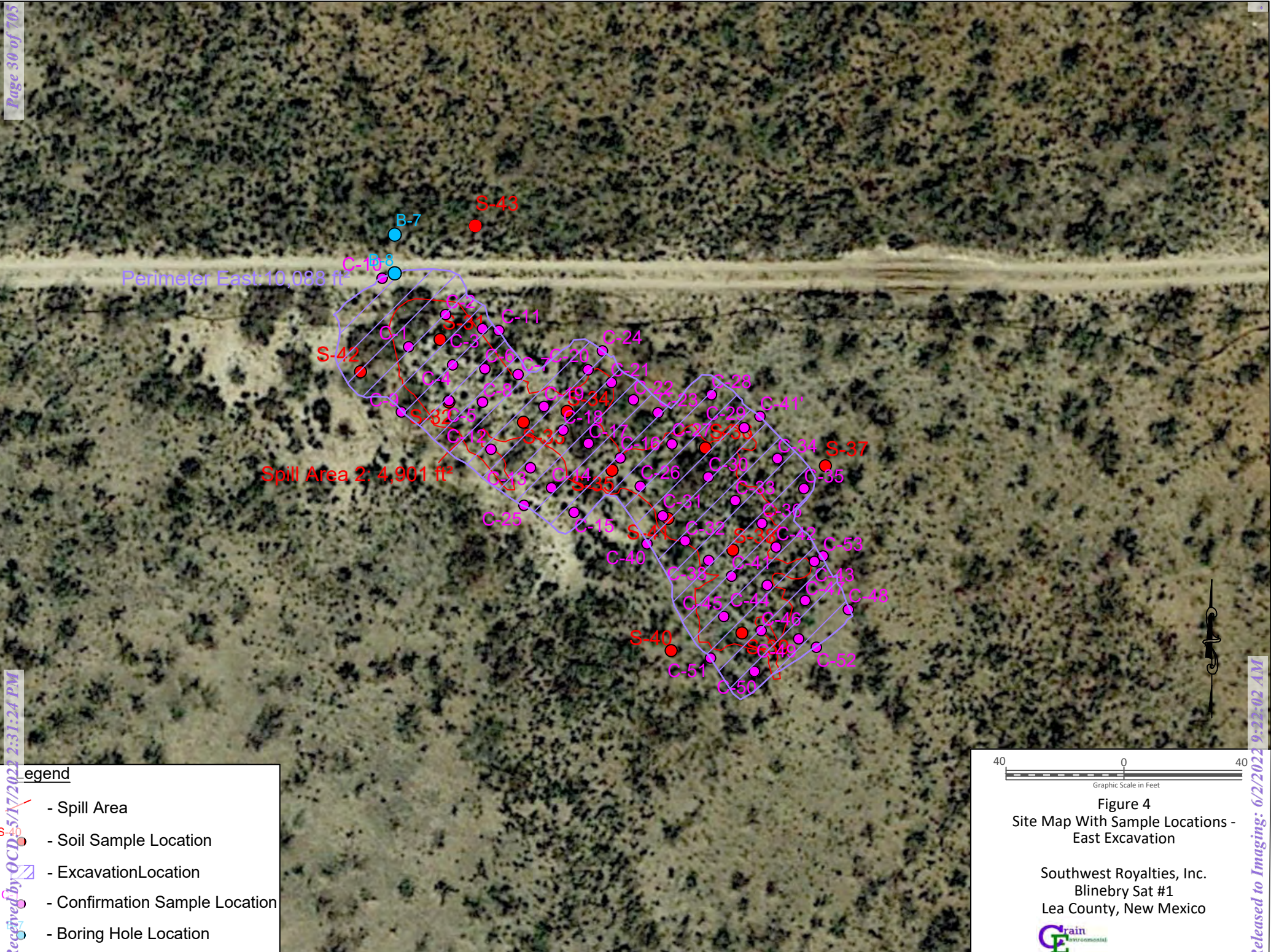


Figure 4 - Focused Eastern Spill 2 Aerial Map Showing Excavation Area. Data provided by Larson and Associates, Inc.



**Appendix A: Release Notification and Corrective Action Form
(NMOCD Form C-141)**

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

State of New Mexico
Energy Minerals and Natural
Resources Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron USA, Inc.	OGRID: 4323
Contact Name: Josepha DeLeon	Contact Telephone: 432-425-1528
Contact email: jdx@chevron.com	Incident # (assigned by OCD)
Contact mailing address: 1616 E. Bender Blvd., Hobbs, NM 88240	

Location of Release Source

Latitude 32.360 **Longitude -103.0865**

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Blinebry Sat #1	Site Type: Battery
Date Release Discovered: 11/21/2019	API# (if applicable): NA

Unit Letter	Section	Township	Range	County
F	29	22S	38E	Lea

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls): 4.78 BO	Volume Recovered (bbls): 2 BO
☒ Produced Water	Volume Released (bbls): 79.8 BW	Volume Recovered (bbls): 10.99 BW
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units):	Volume/Weight Recovered (provide units)

Cause of Release:

3" poly line split due to external corrosion resulting in spill. Well isolated, vacuum truck to pick up water and haul to disposal.

Form C-141

Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Greater than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By Josepha DeLeon to Jim Griswold (NMOCD) and Jim Amos (BLM), voicemail and email 11/22/2019 as initially estimated volume would exceed 25 barrels.	

Initial Response

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

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why: 	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Signature:  Printed Name: Josepha DeLeon email: jdx@chevron.com	Date: November 28, 2019 Title: Environmental Compliance Specialist Telephone: 432-425-1528
<u>OCD Only</u> Received by: _____ Date: _____	

State of New Mexico
Oil Conservation Division

Incident ID	~~in PAC0613753668~~
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?	<u>>104.5</u> (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas not on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

State of New Mexico
Oil Conservation Division

NCE2026733719

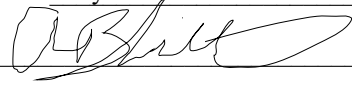
Page 35 of 705

Incident ID	~~NPAC0613753668~~
District RP	
Facility ID	
Application ID	

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

Printed Name: Amy Barnhill

Title: Waste and Water Specialist

Signature: 

Date: 3/19/2020

email: ABarnhill@chevron.com

Telephone: 432-687-7108

OCD Only

Received by: Cristina Eads

Date: 01/19/2021

Incident ID	~~PAC0613752668~~
District RP	
Facility ID	
Application ID	

Remediation Plan

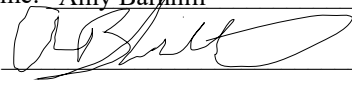
Remediation Plan Checklist: Each of the following items must be included in the plan.

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: Each of the following items must be confirmed as part of any request for deferral of remediation.

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Amy Barnhill Title: Waste and Water Specialist
Signature:  Date: 3/19/2020
email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: Cristina Eads Date: 01/19/2021

☒ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☐ Deferral Approved

Signature:  Date: 01/19/2021

Incident ID	nCE2026733719
District RP	
Facility ID	
Application ID	

Closure

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

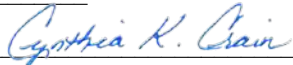
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

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

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

Printed Name: Cynthia K. Crain

Title: Agent for Southwest Royalties, Inc.

Signature: 

Date: 5/16/22

email: cindy.crain@gmail.com

Telephone: (575) 441-7244

OCD Only

Received by: _____

Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____

Title: _____



Appendix B: Laboratory Analytical Reports



Environment Testing
America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-1340-1

Client Project/Site: Blinebry SAT 1 - 19-0180-08

For:

Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
4/22/2021 1:55:48 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

LINKS

Review your project
results through
TotalAccess

Have a Question?



Visit us at:

www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Laboratory Job ID: 880-1340-1

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Xenco, Midland

Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Job ID: 880-1340-1

Laboratory: Eurofins Xenco, Midland**Narrative****Job Narrative
880-1340-1****Comments**

No additional comments.

Receipt

The samples were received on 4/16/2021 8:34 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.5° C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-2005 and analytical batch 880-1973 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Internal standard responses were outside of acceptance limits for the following sample: C-32 (880-1340-32). The sample(s) shows evidence of matrix interference.

Method 8021B: Surrogate recovery for the following sample was outside control limits: C-34 (880-1340-34). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-2056 recovered above the upper control limit for <AffectedAnalytes>. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-2056/64).

Method 8021B: Surrogate recovery for the following sample was outside control limits: C-1 (880-1340-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: C-46 (880-1340-45). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-1

Lab Sample ID: 880-1340-1

Date Collected: 04/14/21 09:30

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/19/21 13:30	04/20/21 16:51	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/19/21 13:30	04/20/21 16:51	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/19/21 13:30	04/20/21 16:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/19/21 13:30	04/20/21 16:51	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/19/21 13:30	04/20/21 16:51	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/19/21 13:30	04/20/21 16:51	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		04/19/21 13:30	04/20/21 16:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	04/19/21 13:30	04/20/21 16:51	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/19/21 13:30	04/20/21 16:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9	mg/Kg		04/16/21 15:56	04/19/21 11:58	1
Diesel Range Organics (Over C10-C28)	206		49.9	mg/Kg		04/16/21 15:56	04/19/21 11:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 11:58	1
Total TPH	206	F1	49.9	mg/Kg		04/16/21 15:56	04/19/21 11:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130	04/16/21 15:56	04/19/21 11:58	1
o-Terphenyl	125		70 - 130	04/16/21 15:56	04/19/21 11:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	57.6		5.04	mg/Kg			04/20/21 10:41	1

Client Sample ID: C-2

Lab Sample ID: 880-1340-2

Date Collected: 04/14/21 09:32

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 01:09	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 01:09	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 01:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/21/21 10:24	04/22/21 01:09	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 01:09	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/21/21 10:24	04/22/21 01:09	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/21/21 10:24	04/22/21 01:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/21/21 10:24	04/22/21 01:09	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/21/21 10:24	04/22/21 01:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 13:03	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-2

Date Collected: 04/14/21 09:32

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-2

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 13:03	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 13:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130			04/16/21 15:56	04/19/21 13:03	1
o-Terphenyl	119		70 - 130			04/16/21 15:56	04/19/21 13:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.8		4.98	mg/Kg			04/20/21 10:56	1

Client Sample ID: C-3

Date Collected: 04/14/21 09:34

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-3

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/21/21 10:24	04/22/21 01:29	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/21/21 10:24	04/22/21 01:29	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/21/21 10:24	04/22/21 01:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/21/21 10:24	04/22/21 01:29	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/21/21 10:24	04/22/21 01:29	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/21/21 10:24	04/22/21 01:29	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/21/21 10:24	04/22/21 01:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130			04/21/21 10:24	04/22/21 01:29	1
1,4-Difluorobenzene (Surr)	91		70 - 130			04/21/21 10:24	04/22/21 01:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	50.7		49.8	mg/Kg		04/16/21 15:56	04/19/21 13:25	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/16/21 15:56	04/19/21 13:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/16/21 15:56	04/19/21 13:25	1
Total TPH	50.7		49.8	mg/Kg		04/16/21 15:56	04/19/21 13:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			04/16/21 15:56	04/19/21 13:25	1
o-Terphenyl	99		70 - 130			04/16/21 15:56	04/19/21 13:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.8		4.97	mg/Kg			04/20/21 11:01	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-4

Lab Sample ID: 880-1340-4

Date Collected: 04/14/21 09:36

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 01:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 01:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 01:50	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/21/21 10:24	04/22/21 01:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 01:50	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/21/21 10:24	04/22/21 01:50	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/21/21 10:24	04/22/21 01:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/21/21 10:24	04/22/21 01:50	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/21/21 10:24	04/22/21 01:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	51.2		49.9	mg/Kg		04/16/21 15:56	04/19/21 13:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 13:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 13:47	1
Total TPH	51.2		49.9	mg/Kg		04/16/21 15:56	04/19/21 13:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	04/16/21 15:56	04/19/21 13:47	1
o-Terphenyl	114		70 - 130	04/16/21 15:56	04/19/21 13:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.1		5.00	mg/Kg			04/20/21 11:06	1

Client Sample ID: C-5

Lab Sample ID: 880-1340-5

Date Collected: 04/14/21 09:38

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 02:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 02:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 02:10	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/21/21 10:24	04/22/21 02:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 02:10	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/21/21 10:24	04/22/21 02:10	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/21/21 10:24	04/22/21 02:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/21/21 10:24	04/22/21 02:10	1
1,4-Difluorobenzene (Surr)	89		70 - 130	04/21/21 10:24	04/22/21 02:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 14:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-5

Date Collected: 04/14/21 09:38

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-5

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 14:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 14:09	1
Total TPH	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 14:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130			04/16/21 15:56	04/19/21 14:09	1
o-Terphenyl	115		70 - 130			04/16/21 15:56	04/19/21 14:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.7		4.99	mg/Kg			04/20/21 11:11	1

Client Sample ID: C-6

Date Collected: 04/14/21 09:40

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-6

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 02:30	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 02:30	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 02:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/21/21 10:24	04/22/21 02:30	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 02:30	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/21/21 10:24	04/22/21 02:30	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/21/21 10:24	04/22/21 02:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			04/21/21 10:24	04/22/21 02:30	1
1,4-Difluorobenzene (Surr)	94		70 - 130			04/21/21 10:24	04/22/21 02:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.3		50.0	mg/Kg		04/16/21 15:56	04/19/21 14:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 14:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 14:30	1
Total TPH	60.3		50.0	mg/Kg		04/16/21 15:56	04/19/21 14:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130			04/16/21 15:56	04/19/21 14:30	1
o-Terphenyl	117		70 - 130			04/16/21 15:56	04/19/21 14:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.0		4.99	mg/Kg			04/20/21 11:26	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-7

Lab Sample ID: 880-1340-7

Date Collected: 04/14/21 09:42

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:24	04/22/21 02:51	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:24	04/22/21 02:51	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:24	04/22/21 02:51	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/21/21 10:24	04/22/21 02:51	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:24	04/22/21 02:51	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/21/21 10:24	04/22/21 02:51	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		04/21/21 10:24	04/22/21 02:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/21/21 10:24	04/22/21 02:51	1
1,4-Difluorobenzene (Surr)	93		70 - 130	04/21/21 10:24	04/22/21 02:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	75.7		50.0	mg/Kg		04/16/21 15:56	04/19/21 14:52	1
Diesel Range Organics (Over C10-C28)	81.9		50.0	mg/Kg		04/16/21 15:56	04/19/21 14:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 14:52	1
Total TPH	158		50.0	mg/Kg		04/16/21 15:56	04/19/21 14:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	04/16/21 15:56	04/19/21 14:52	1
o-Terphenyl	108		70 - 130	04/16/21 15:56	04/19/21 14:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		4.99	mg/Kg			04/20/21 11:31	1

Client Sample ID: C-8

Lab Sample ID: 880-1340-8

Date Collected: 04/14/21 09:44

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201	mg/Kg		04/20/21 12:10	04/22/21 01:57	1
Toluene	<0.00201	U F1	0.00201	mg/Kg		04/20/21 12:10	04/22/21 01:57	1
Ethylbenzene	<0.00201	U F2 F1	0.00201	mg/Kg		04/20/21 12:10	04/22/21 01:57	1
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.00402	mg/Kg		04/20/21 12:10	04/22/21 01:57	1
o-Xylene	<0.00201	U F2 F1	0.00201	mg/Kg		04/20/21 12:10	04/22/21 01:57	1
Xylenes, Total	<0.00402	U F2 F1	0.00402	mg/Kg		04/20/21 12:10	04/22/21 01:57	1
Total BTEX	<0.00402	U F2 F1	0.00402	mg/Kg		04/20/21 12:10	04/22/21 01:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/20/21 12:10	04/22/21 01:57	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/20/21 12:10	04/22/21 01:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 15:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-8

Lab Sample ID: 880-1340-8

Date Collected: 04/14/21 09:44

Matrix: Solid

Date Received: 04/16/21 08:34

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 15:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 15:14	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 15:56	04/19/21 15:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130			04/16/21 15:56	04/19/21 15:14	1
o-Terphenyl	116		70 - 130			04/16/21 15:56	04/19/21 15:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	262		5.02	mg/Kg			04/20/21 11:37	1

Client Sample ID: C-9

Lab Sample ID: 880-1340-9

Date Collected: 04/14/21 09:46

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 02:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 02:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 02:18	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/20/21 12:10	04/22/21 02:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 02:18	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/20/21 12:10	04/22/21 02:18	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/20/21 12:10	04/22/21 02:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130			04/20/21 12:10	04/22/21 02:18	1
1,4-Difluorobenzene (Surr)	116		70 - 130			04/20/21 12:10	04/22/21 02:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	71.6		49.9	mg/Kg		04/16/21 15:57	04/19/21 15:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 15:57	04/19/21 15:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 15:57	04/19/21 15:36	1
Total TPH	71.6		49.9	mg/Kg		04/16/21 15:57	04/19/21 15:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			04/16/21 15:57	04/19/21 15:36	1
o-Terphenyl	109		70 - 130			04/16/21 15:57	04/19/21 15:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.0		5.04	mg/Kg			04/20/21 11:42	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-10

Lab Sample ID: 880-1340-10

Date Collected: 04/14/21 09:48

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/20/21 12:10	04/22/21 02:38	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/20/21 12:10	04/22/21 02:38	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/20/21 12:10	04/22/21 02:38	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/20/21 12:10	04/22/21 02:38	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/20/21 12:10	04/22/21 02:38	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/20/21 12:10	04/22/21 02:38	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/20/21 12:10	04/22/21 02:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/20/21 12:10	04/22/21 02:38	1
1,4-Difluorobenzene (Surr)	112		70 - 130	04/20/21 12:10	04/22/21 02:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 15:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 15:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 15:58	1
Total TPH	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 15:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/16/21 15:57	04/19/21 15:58	1
o-Terphenyl	106		70 - 130	04/16/21 15:57	04/19/21 15:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3100		25.3	mg/Kg			04/20/21 11:47	5

Client Sample ID: C-11

Lab Sample ID: 880-1340-11

Date Collected: 04/14/21 09:50

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00221		0.00199	mg/Kg		04/20/21 12:10	04/22/21 02:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/20/21 12:10	04/22/21 02:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/20/21 12:10	04/22/21 02:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/20/21 12:10	04/22/21 02:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/20/21 12:10	04/22/21 02:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/20/21 12:10	04/22/21 02:59	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/20/21 12:10	04/22/21 02:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/20/21 12:10	04/22/21 02:59	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/20/21 12:10	04/22/21 02:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 15:57	04/19/21 16:42	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-11

Date Collected: 04/14/21 09:50

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-11

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	59.7		49.9	mg/Kg		04/16/21 15:57	04/19/21 16:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 15:57	04/19/21 16:42	1
Total TPH	59.7		49.9	mg/Kg		04/16/21 15:57	04/19/21 16:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130			04/16/21 15:57	04/19/21 16:42	1
o-Terphenyl	116		70 - 130			04/16/21 15:57	04/19/21 16:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	149		4.97	mg/Kg			04/20/21 11:52	1

Client Sample ID: C-12

Date Collected: 04/14/21 09:52

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-12

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 03:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 03:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 03:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/20/21 12:10	04/22/21 03:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 03:19	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/20/21 12:10	04/22/21 03:19	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/20/21 12:10	04/22/21 03:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130			04/20/21 12:10	04/22/21 03:19	1
1,4-Difluorobenzene (Surr)	107		70 - 130			04/20/21 12:10	04/22/21 03:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/16/21 15:57	04/19/21 17:03	1
Diesel Range Organics (Over C10-C28)	59.9		49.8	mg/Kg		04/16/21 15:57	04/19/21 17:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/16/21 15:57	04/19/21 17:03	1
Total TPH	59.9		49.8	mg/Kg		04/16/21 15:57	04/19/21 17:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			04/16/21 15:57	04/19/21 17:03	1
o-Terphenyl	106		70 - 130			04/16/21 15:57	04/19/21 17:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		4.98	mg/Kg			04/20/21 12:07	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-13

Lab Sample ID: 880-1340-13

Date Collected: 04/14/21 09:54

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 03:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 03:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 03:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/20/21 12:10	04/22/21 03:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 03:40	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/20/21 12:10	04/22/21 03:40	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/20/21 12:10	04/22/21 03:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/20/21 12:10	04/22/21 03:40	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/20/21 12:10	04/22/21 03:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 17:25	1
Diesel Range Organics (Over C10-C28)	153		50.0	mg/Kg		04/16/21 15:57	04/19/21 17:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 17:25	1
Total TPH	153		50.0	mg/Kg		04/16/21 15:57	04/19/21 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	04/16/21 15:57	04/19/21 17:25	1
o-Terphenyl	112		70 - 130	04/16/21 15:57	04/19/21 17:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	15.3		4.96	mg/Kg			04/20/21 12:12	1

Client Sample ID: C-14

Lab Sample ID: 880-1340-14

Date Collected: 04/14/21 09:56

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/20/21 12:10	04/22/21 04:00	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/20/21 12:10	04/22/21 04:00	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/20/21 12:10	04/22/21 04:00	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/20/21 12:10	04/22/21 04:00	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/20/21 12:10	04/22/21 04:00	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/20/21 12:10	04/22/21 04:00	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/20/21 12:10	04/22/21 04:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/20/21 12:10	04/22/21 04:00	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/20/21 12:10	04/22/21 04:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 17:47	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-14

Date Collected: 04/14/21 09:56

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-14

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 17:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 17:47	1
Total TPH	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 17:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			04/16/21 15:57	04/19/21 17:47	1
o-Terphenyl	108		70 - 130			04/16/21 15:57	04/19/21 17:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		4.95	mg/Kg			04/20/21 12:27	1

Client Sample ID: C-15

Date Collected: 04/14/21 09:58

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-15

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 04:21	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 04:21	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 04:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/20/21 12:10	04/22/21 04:21	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 04:21	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/20/21 12:10	04/22/21 04:21	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/20/21 12:10	04/22/21 04:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			04/20/21 12:10	04/22/21 04:21	1
1,4-Difluorobenzene (Surr)	105		70 - 130			04/20/21 12:10	04/22/21 04:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 18:08	1
Diesel Range Organics (Over C10-C28)	176		50.0	mg/Kg		04/16/21 15:57	04/19/21 18:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 15:57	04/19/21 18:08	1
Total TPH	176		50.0	mg/Kg		04/16/21 15:57	04/19/21 18:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			04/16/21 15:57	04/19/21 18:08	1
o-Terphenyl	110		70 - 130			04/16/21 15:57	04/19/21 18:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	266		5.04	mg/Kg			04/20/21 12:32	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-16

Lab Sample ID: 880-1340-16

Date Collected: 04/14/21 10:00

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/20/21 12:10	04/22/21 04:42	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/20/21 12:10	04/22/21 04:42	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/20/21 12:10	04/22/21 04:42	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/20/21 12:10	04/22/21 04:42	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/20/21 12:10	04/22/21 04:42	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/20/21 12:10	04/22/21 04:42	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		04/20/21 12:10	04/22/21 04:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/20/21 12:10	04/22/21 04:42	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/20/21 12:10	04/22/21 04:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 15:57	04/19/21 18:29	1
Diesel Range Organics (Over C10-C28)	231		49.9	mg/Kg		04/16/21 15:57	04/19/21 18:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 15:57	04/19/21 18:29	1
Total TPH	231		49.9	mg/Kg		04/16/21 15:57	04/19/21 18:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/16/21 15:57	04/19/21 18:29	1
o-Terphenyl	107		70 - 130	04/16/21 15:57	04/19/21 18:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	550		5.02	mg/Kg			04/20/21 12:38	1

Client Sample ID: C-17

Lab Sample ID: 880-1340-17

Date Collected: 04/14/21 10:02

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/20/21 12:10	04/22/21 05:02	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/20/21 12:10	04/22/21 05:02	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/20/21 12:10	04/22/21 05:02	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		04/20/21 12:10	04/22/21 05:02	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/20/21 12:10	04/22/21 05:02	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		04/20/21 12:10	04/22/21 05:02	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		04/20/21 12:10	04/22/21 05:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/20/21 12:10	04/22/21 05:02	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/20/21 12:10	04/22/21 05:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		04/16/21 15:57	04/19/21 18:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-17

Date Collected: 04/14/21 10:02

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-17

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	1200		50.1	mg/Kg		04/16/21 15:57	04/19/21 18:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/16/21 15:57	04/19/21 18:50	1
Total TPH	1200		50.1	mg/Kg		04/16/21 15:57	04/19/21 18:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130			04/16/21 15:57	04/19/21 18:50	1
o-Terphenyl	102		70 - 130			04/16/21 15:57	04/19/21 18:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	406		5.03	mg/Kg			04/20/21 12:43	1

Client Sample ID: C-18

Date Collected: 04/14/21 10:04

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-18

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 06:24	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 06:24	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 06:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/20/21 12:10	04/22/21 06:24	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 06:24	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/20/21 12:10	04/22/21 06:24	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/20/21 12:10	04/22/21 06:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			04/20/21 12:10	04/22/21 06:24	1
1,4-Difluorobenzene (Surr)	101		70 - 130			04/20/21 12:10	04/22/21 06:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		04/16/21 15:57	04/19/21 19:11	1
Diesel Range Organics (Over C10-C28)	383		50.1	mg/Kg		04/16/21 15:57	04/19/21 19:11	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/16/21 15:57	04/19/21 19:11	1
Total TPH	383		50.1	mg/Kg		04/16/21 15:57	04/19/21 19:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130			04/16/21 15:57	04/19/21 19:11	1
o-Terphenyl	103		70 - 130			04/16/21 15:57	04/19/21 19:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	421		5.05	mg/Kg			04/20/21 12:48	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-19

Lab Sample ID: 880-1340-19

Date Collected: 04/14/21 10:06

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 06:45	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 06:45	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 06:45	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/20/21 12:10	04/22/21 06:45	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 06:45	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/20/21 12:10	04/22/21 06:45	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/20/21 12:10	04/22/21 06:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/20/21 12:10	04/22/21 06:45	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/20/21 12:10	04/22/21 06:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 15:57	04/19/21 19:33	1
Diesel Range Organics (Over C10-C28)	3790		49.9	mg/Kg		04/16/21 15:57	04/19/21 19:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 15:57	04/19/21 19:33	1
Total TPH	3790		49.9	mg/Kg		04/16/21 15:57	04/19/21 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	04/16/21 15:57	04/19/21 19:33	1
o-Terphenyl	106		70 - 130	04/16/21 15:57	04/19/21 19:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	390		5.00	mg/Kg			04/20/21 12:53	1

Client Sample ID: C-20

Lab Sample ID: 880-1340-20

Date Collected: 04/14/21 10:08

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 07:06	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 07:06	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 07:06	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/20/21 12:10	04/22/21 07:06	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/20/21 12:10	04/22/21 07:06	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/20/21 12:10	04/22/21 07:06	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/20/21 12:10	04/22/21 07:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/20/21 12:10	04/22/21 07:06	1
1,4-Difluorobenzene (Surr)	110		70 - 130	04/20/21 12:10	04/22/21 07:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/16/21 15:57	04/19/21 19:55	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-20

Lab Sample ID: 880-1340-20

Date Collected: 04/14/21 10:08

Matrix: Solid

Date Received: 04/16/21 08:34

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	574		49.8	mg/Kg		04/16/21 15:57	04/19/21 19:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/16/21 15:57	04/19/21 19:55	1
Total TPH	574		49.8	mg/Kg		04/16/21 15:57	04/19/21 19:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130			04/16/21 15:57	04/19/21 19:55	1
o-Terphenyl	115		70 - 130			04/16/21 15:57	04/19/21 19:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	183		4.99	mg/Kg			04/20/21 12:58	1

Client Sample ID: C-21

Lab Sample ID: 880-1340-21

Date Collected: 04/14/21 10:10

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F2 F1	0.00198	mg/Kg		04/19/21 12:13	04/21/21 10:52	1
Toluene	<0.00198	U F2 F1	0.00198	mg/Kg		04/19/21 12:13	04/21/21 10:52	1
Ethylbenzene	<0.00198	U F2 F1	0.00198	mg/Kg		04/19/21 12:13	04/21/21 10:52	1
m-Xylene & p-Xylene	<0.00397	U F2 F1	0.00397	mg/Kg		04/19/21 12:13	04/21/21 10:52	1
o-Xylene	<0.00198	U F1	0.00198	mg/Kg		04/19/21 12:13	04/21/21 10:52	1
Xylenes, Total	<0.00397	U F2 F1	0.00397	mg/Kg		04/19/21 12:13	04/21/21 10:52	1
Total BTEX	<0.00397	U F2 F1	0.00397	mg/Kg		04/19/21 12:13	04/21/21 10:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130			04/19/21 12:13	04/21/21 10:52	1
1,4-Difluorobenzene (Surr)	89		70 - 130			04/19/21 12:13	04/21/21 10:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9	mg/Kg		04/16/21 16:13	04/19/21 11:58	1
Diesel Range Organics (Over C10-C28)	54.6	F1	49.9	mg/Kg		04/16/21 16:13	04/19/21 11:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 11:58	1
Total TPH	54.6	B F1	49.9	mg/Kg		04/16/21 16:13	04/19/21 11:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130			04/16/21 16:13	04/19/21 11:58	1
o-Terphenyl	68	S1-	70 - 130			04/16/21 16:13	04/19/21 11:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		5.01	mg/Kg			04/20/21 10:37	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-22

Date Collected: 04/14/21 10:12

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-22

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 11:18	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 11:18	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 11:18	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		04/19/21 12:13	04/21/21 11:18	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 11:18	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		04/19/21 12:13	04/21/21 11:18	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		04/19/21 12:13	04/21/21 11:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	04/19/21 12:13	04/21/21 11:18	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/19/21 12:13	04/21/21 11:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 13:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 13:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 13:03	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	26	S1-	70 - 130	04/16/21 16:13	04/19/21 13:03	1
o-Terphenyl	18	S1-	70 - 130	04/16/21 16:13	04/19/21 13:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	103		4.98	mg/Kg			04/20/21 10:53	1

Client Sample ID: C-23

Date Collected: 04/14/21 10:14

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-23

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 11:44	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 11:44	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 11:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/19/21 12:13	04/21/21 11:44	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 11:44	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/19/21 12:13	04/21/21 11:44	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/19/21 12:13	04/21/21 11:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130	04/19/21 12:13	04/21/21 11:44	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/19/21 12:13	04/21/21 11:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/16/21 16:13	04/19/21 13:25	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-23

Lab Sample ID: 880-1340-23

Date Collected: 04/14/21 10:14

Matrix: Solid

Date Received: 04/16/21 08:34

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/16/21 16:13	04/19/21 13:25	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/16/21 16:13	04/19/21 13:25	1
Total TPH	<49.8	U	49.8	mg/Kg		04/16/21 16:13	04/19/21 13:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	31	S1-	70 - 130			04/16/21 16:13	04/19/21 13:25	1
o-Terphenyl	25	S1-	70 - 130			04/16/21 16:13	04/19/21 13:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223		4.95	mg/Kg			04/20/21 10:58	1

Client Sample ID: C-24

Lab Sample ID: 880-1340-24

Date Collected: 04/14/21 10:16

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 12:09	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 12:09	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 12:09	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/19/21 12:13	04/21/21 12:09	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 12:09	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/19/21 12:13	04/21/21 12:09	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/19/21 12:13	04/21/21 12:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130			04/19/21 12:13	04/21/21 12:09	1
1,4-Difluorobenzene (Surr)	108		70 - 130			04/19/21 12:13	04/21/21 12:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 13:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 13:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 13:47	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 13:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	45	S1-	70 - 130			04/16/21 16:13	04/19/21 13:47	1
o-Terphenyl	37	S1-	70 - 130			04/16/21 16:13	04/19/21 13:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.5		5.03	mg/Kg			04/20/21 11:03	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-25

Date Collected: 04/14/21 10:18

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-25

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 12:35	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 12:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 12:35	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/19/21 12:13	04/21/21 12:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 12:35	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/19/21 12:13	04/21/21 12:35	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/19/21 12:13	04/21/21 12:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	160	S1+	70 - 130	04/19/21 12:13	04/21/21 12:35	1
1,4-Difluorobenzene (Surr)	111		70 - 130	04/19/21 12:13	04/21/21 12:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:09	1
Total TPH	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	52	S1-	70 - 130	04/16/21 16:13	04/19/21 14:09	1
o-Terphenyl	43	S1-	70 - 130	04/16/21 16:13	04/19/21 14:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		5.03	mg/Kg			04/20/21 11:08	1

Client Sample ID: C-26

Date Collected: 04/14/21 10:20

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-26

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 13:01	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 13:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 13:01	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/19/21 12:13	04/21/21 13:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 13:01	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/19/21 12:13	04/21/21 13:01	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/19/21 12:13	04/21/21 13:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	151	S1+	70 - 130	04/19/21 12:13	04/21/21 13:01	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/19/21 12:13	04/21/21 13:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	89.8	B	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:30	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-26

Date Collected: 04/14/21 10:20

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-26

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:30	1
Total TPH	89.8	B	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	62	S1-	70 - 130			04/16/21 16:13	04/19/21 14:30	1
o-Terphenyl	50	S1-	70 - 130			04/16/21 16:13	04/19/21 14:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.1		5.05	mg/Kg			04/20/21 11:23	1

Client Sample ID: C-27

Date Collected: 04/14/21 10:22

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-27

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 13:26	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 13:26	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 13:26	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/19/21 12:13	04/21/21 13:26	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 13:26	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/19/21 12:13	04/21/21 13:26	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		04/19/21 12:13	04/21/21 13:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	163	S1+	70 - 130			04/19/21 12:13	04/21/21 13:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130			04/19/21 12:13	04/21/21 13:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:52	1
Diesel Range Organics (Over C10-C28)	167		50.0	mg/Kg		04/16/21 16:13	04/19/21 14:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:52	1
Total TPH	167	B	50.0	mg/Kg		04/16/21 16:13	04/19/21 14:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	56	S1-	70 - 130			04/16/21 16:13	04/19/21 14:52	1
o-Terphenyl	48	S1-	70 - 130			04/16/21 16:13	04/19/21 14:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	63.8		5.02	mg/Kg			04/20/21 11:28	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-28

Lab Sample ID: 880-1340-28

Date Collected: 04/14/21 10:24

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 13:51	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 13:51	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 13:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/19/21 12:13	04/21/21 13:51	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 13:51	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/19/21 12:13	04/21/21 13:51	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/19/21 12:13	04/21/21 13:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	158	S1+	70 - 130	04/19/21 12:13	04/21/21 13:51	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/19/21 12:13	04/21/21 13:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 15:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 15:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 15:14	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 15:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	56	S1-	70 - 130	04/16/21 16:13	04/19/21 15:14	1
o-Terphenyl	48	S1-	70 - 130	04/16/21 16:13	04/19/21 15:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.4		4.98	mg/Kg			04/20/21 11:33	1

Client Sample ID: C-29

Lab Sample ID: 880-1340-29

Date Collected: 04/14/21 10:26

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 14:17	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 14:17	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 14:17	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		04/19/21 12:13	04/21/21 14:17	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/19/21 12:13	04/21/21 14:17	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		04/19/21 12:13	04/21/21 14:17	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		04/19/21 12:13	04/21/21 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	04/19/21 12:13	04/21/21 14:17	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/19/21 12:13	04/21/21 14:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 15:36	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-29

Lab Sample ID: 880-1340-29

Date Collected: 04/14/21 10:26

Matrix: Solid

Date Received: 04/16/21 08:34

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 15:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 15:36	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 15:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130			04/16/21 16:13	04/19/21 15:36	1
o-Terphenyl	63	S1-	70 - 130			04/16/21 16:13	04/19/21 15:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		4.96	mg/Kg			04/20/21 11:39	1

Client Sample ID: C-30

Lab Sample ID: 880-1340-30

Date Collected: 04/14/21 10:28

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/19/21 12:13	04/21/21 14:42	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/19/21 12:13	04/21/21 14:42	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/19/21 12:13	04/21/21 14:42	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/19/21 12:13	04/21/21 14:42	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/19/21 12:13	04/21/21 14:42	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/19/21 12:13	04/21/21 14:42	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/19/21 12:13	04/21/21 14:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130			04/19/21 12:13	04/21/21 14:42	1
1,4-Difluorobenzene (Surr)	103		70 - 130			04/19/21 12:13	04/21/21 14:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 15:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 15:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 15:58	1
Total TPH	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 15:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	20	S1-	70 - 130			04/16/21 16:13	04/19/21 15:58	1
o-Terphenyl	14	S1-	70 - 130			04/16/21 16:13	04/19/21 15:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.0		4.97	mg/Kg			04/20/21 11:44	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-31

Lab Sample ID: 880-1340-31

Date Collected: 04/14/21 10:30

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 16:25	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 16:25	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 16:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/19/21 12:13	04/21/21 16:25	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/19/21 12:13	04/21/21 16:25	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/19/21 12:13	04/21/21 16:25	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/19/21 12:13	04/21/21 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	150	S1+	70 - 130	04/19/21 12:13	04/21/21 16:25	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/19/21 12:13	04/21/21 16:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 16:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 16:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 16:42	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	63	S1-	70 - 130	04/16/21 16:13	04/19/21 16:42	1
o-Terphenyl	55	S1-	70 - 130	04/16/21 16:13	04/19/21 16:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.73		4.99	mg/Kg			04/20/21 11:49	1

Client Sample ID: C-32

Lab Sample ID: 880-1340-32

Date Collected: 04/14/21 10:32

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F2 F1	0.00200	mg/Kg		04/19/21 15:44	04/19/21 21:33	1
Toluene	<0.00200	U F1	0.00200	mg/Kg		04/19/21 15:44	04/19/21 21:33	1
Ethylbenzene	<0.00200	U F1	0.00200	mg/Kg		04/19/21 15:44	04/19/21 21:33	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399	mg/Kg		04/19/21 15:44	04/19/21 21:33	1
o-Xylene	<0.00200	U F1	0.00200	mg/Kg		04/19/21 15:44	04/19/21 21:33	1
Xylenes, Total	<0.00399	U F1	0.00399	mg/Kg		04/19/21 15:44	04/19/21 21:33	1
Total BTEX	<0.00399	U F2 F1	0.00399	mg/Kg		04/19/21 15:44	04/19/21 21:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	04/19/21 15:44	04/19/21 21:33	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/19/21 15:44	04/19/21 21:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/16/21 16:13	04/19/21 17:03	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-32

Date Collected: 04/14/21 10:32

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-32

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/16/21 16:13	04/19/21 17:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/16/21 16:13	04/19/21 17:03	1
Total TPH	<49.8	U	49.8	mg/Kg		04/16/21 16:13	04/19/21 17:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	66	S1-	70 - 130			04/16/21 16:13	04/19/21 17:03	1
o-Terphenyl	57	S1-	70 - 130			04/16/21 16:13	04/19/21 17:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.8		4.95	mg/Kg			04/20/21 12:04	1

Client Sample ID: C-33

Date Collected: 04/14/21 10:34

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-33

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/19/21 15:44	04/19/21 21:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/19/21 15:44	04/19/21 21:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/19/21 15:44	04/19/21 21:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/19/21 15:44	04/19/21 21:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/19/21 15:44	04/19/21 21:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/19/21 15:44	04/19/21 21:59	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/19/21 15:44	04/19/21 21:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130			04/19/21 15:44	04/19/21 21:59	1
1,4-Difluorobenzene (Surr)	87		70 - 130			04/19/21 15:44	04/19/21 21:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 17:25	1
Diesel Range Organics (Over C10-C28)	133		50.0	mg/Kg		04/16/21 16:13	04/19/21 17:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 17:25	1
Total TPH	133	B	50.0	mg/Kg		04/16/21 16:13	04/19/21 17:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	53	S1-	70 - 130			04/16/21 16:13	04/19/21 17:25	1
o-Terphenyl	46	S1-	70 - 130			04/16/21 16:13	04/19/21 17:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.8		5.02	mg/Kg			04/20/21 12:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-34

Lab Sample ID: 880-1340-34

Date Collected: 04/14/21 10:36

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/19/21 22:24	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/19/21 22:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/19/21 22:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/19/21 15:44	04/19/21 22:24	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/19/21 22:24	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/19/21 15:44	04/19/21 22:24	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/19/21 15:44	04/19/21 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	04/19/21 15:44	04/19/21 22:24	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/19/21 15:44	04/19/21 22:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 17:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 17:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 17:47	1
Total TPH	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	61	S1-	70 - 130	04/16/21 16:13	04/19/21 17:47	1
o-Terphenyl	56	S1-	70 - 130	04/16/21 16:13	04/19/21 17:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.4		5.04	mg/Kg			04/20/21 12:24	1

Client Sample ID: C-35

Lab Sample ID: 880-1340-35

Date Collected: 04/14/21 10:38

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 14:01	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 14:01	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 14:01	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/20/21 10:48	04/21/21 14:01	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 14:01	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/20/21 10:48	04/21/21 14:01	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		04/20/21 10:48	04/21/21 14:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	04/20/21 10:48	04/21/21 14:01	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/20/21 10:48	04/21/21 14:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 18:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-35

Lab Sample ID: 880-1340-35

Date Collected: 04/14/21 10:38

Matrix: Solid

Date Received: 04/16/21 08:34

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 18:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 18:08	1
Total TPH	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 18:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130			04/16/21 16:13	04/19/21 18:08	1
o-Terphenyl	105		70 - 130			04/16/21 16:13	04/19/21 18:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.41		5.04	mg/Kg			04/20/21 12:29	1

Client Sample ID: C-36

Lab Sample ID: 880-1340-36

Date Collected: 04/14/21 10:40

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 14:21	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 14:21	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 14:21	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/20/21 10:48	04/21/21 14:21	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 14:21	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/20/21 10:48	04/21/21 14:21	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		04/20/21 10:48	04/21/21 14:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			04/20/21 10:48	04/21/21 14:21	1
1,4-Difluorobenzene (Surr)	108		70 - 130			04/20/21 10:48	04/21/21 14:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 18:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 18:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 18:29	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 18:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			04/16/21 16:13	04/19/21 18:29	1
o-Terphenyl	99		70 - 130			04/16/21 16:13	04/19/21 18:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.5		4.97	mg/Kg			04/20/21 12:35	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-38

Lab Sample ID: 880-1340-37

Date Collected: 04/14/21 10:42

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 17:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 17:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 17:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/20/21 10:48	04/21/21 17:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 17:12	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/20/21 10:48	04/21/21 17:12	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/20/21 10:48	04/21/21 17:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/20/21 10:48	04/21/21 17:12	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/20/21 10:48	04/21/21 17:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		04/16/21 16:13	04/19/21 18:50	1
Diesel Range Organics (Over C10-C28)	50.7		50.1	mg/Kg		04/16/21 16:13	04/19/21 18:50	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/16/21 16:13	04/19/21 18:50	1
Total TPH	50.7	B	50.1	mg/Kg		04/16/21 16:13	04/19/21 18:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	04/16/21 16:13	04/19/21 18:50	1
o-Terphenyl	70		70 - 130	04/16/21 16:13	04/19/21 18:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.6		4.95	mg/Kg			04/20/21 12:40	1

Client Sample ID: C-40

Lab Sample ID: 880-1340-38

Date Collected: 04/14/21 10:44

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 17:33	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 17:33	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 17:33	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		04/20/21 10:48	04/21/21 17:33	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/20/21 10:48	04/21/21 17:33	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		04/20/21 10:48	04/21/21 17:33	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		04/20/21 10:48	04/21/21 17:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	04/20/21 10:48	04/21/21 17:33	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/20/21 10:48	04/21/21 17:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.1	U	50.1	mg/Kg		04/16/21 16:13	04/19/21 19:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-40

Lab Sample ID: 880-1340-38

Date Collected: 04/14/21 10:44

Matrix: Solid

Date Received: 04/16/21 08:34

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		04/16/21 16:13	04/19/21 19:11	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		04/16/21 16:13	04/19/21 19:11	1
Total TPH	<50.1	U	50.1	mg/Kg		04/16/21 16:13	04/19/21 19:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130			04/16/21 16:13	04/19/21 19:11	1
o-Terphenyl	69	S1-	70 - 130			04/16/21 16:13	04/19/21 19:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.2		5.03	mg/Kg			04/20/21 12:45	1

Client Sample ID: C-41'

Lab Sample ID: 880-1340-39

Date Collected: 04/14/21 10:46

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/20/21 10:48	04/21/21 17:53	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/20/21 10:48	04/21/21 17:53	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/20/21 10:48	04/21/21 17:53	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/20/21 10:48	04/21/21 17:53	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/20/21 10:48	04/21/21 17:53	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/20/21 10:48	04/21/21 17:53	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/20/21 10:48	04/21/21 17:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130			04/20/21 10:48	04/21/21 17:53	1
1,4-Difluorobenzene (Surr)	105		70 - 130			04/20/21 10:48	04/21/21 17:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 19:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 19:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 19:33	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 16:13	04/19/21 19:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130			04/16/21 16:13	04/19/21 19:33	1
o-Terphenyl	72		70 - 130			04/16/21 16:13	04/19/21 19:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	105		5.01	mg/Kg			04/20/21 12:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-41

Lab Sample ID: 880-1340-40

Date Collected: 04/14/21 10:48

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 18:14	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 18:14	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 18:14	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/20/21 10:48	04/21/21 18:14	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 18:14	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/20/21 10:48	04/21/21 18:14	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/20/21 10:48	04/21/21 18:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	04/20/21 10:48	04/21/21 18:14	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/20/21 10:48	04/21/21 18:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	203	B	49.8	mg/Kg		04/16/21 16:13	04/19/21 19:55	1
Diesel Range Organics (Over C10-C28)	9710		250	mg/Kg		04/20/21 11:25	04/21/21 08:04	5
Oil Range Organics (Over C28-C36)	1220		49.8	mg/Kg		04/16/21 16:13	04/19/21 19:55	1
Total TPH	10600	B	49.8	mg/Kg		04/16/21 16:13	04/19/21 19:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130	04/16/21 16:13	04/19/21 19:55	1
o-Terphenyl	109		70 - 130	04/16/21 16:13	04/19/21 19:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	346		5.05	mg/Kg			04/20/21 12:55	1

Client Sample ID: C-42

Lab Sample ID: 880-1340-41

Date Collected: 04/14/21 10:50

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/20/21 10:48	04/21/21 18:34	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/20/21 10:48	04/21/21 18:34	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/20/21 10:48	04/21/21 18:34	1
m-Xylene & p-Xylene	0.0300		0.00403	mg/Kg		04/20/21 10:48	04/21/21 18:34	1
o-Xylene	0.0365		0.00202	mg/Kg		04/20/21 10:48	04/21/21 18:34	1
Xylenes, Total	0.0665		0.00403	mg/Kg		04/20/21 10:48	04/21/21 18:34	1
Total BTEX	0.0665		0.00403	mg/Kg		04/20/21 10:48	04/21/21 18:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	04/20/21 10:48	04/21/21 18:34	1
1,4-Difluorobenzene (Surr)	57	S1-	70 - 130	04/20/21 10:48	04/21/21 18:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9	mg/Kg		04/16/21 16:28	04/17/21 18:51	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-42

Lab Sample ID: 880-1340-41

Date Collected: 04/14/21 10:50

Matrix: Solid

Date Received: 04/16/21 08:34

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	424	F1	49.9	mg/Kg		04/16/21 16:28	04/17/21 18:51	1
Oil Range Organics (Over C28-C36)	140		49.9	mg/Kg		04/16/21 16:28	04/17/21 18:51	1
Total TPH	564	F1	49.9	mg/Kg		04/16/21 16:28	04/17/21 18:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130	04/16/21 16:28	04/17/21 18:51	1
o-Terphenyl	134	S1+	70 - 130	04/16/21 16:28	04/17/21 18:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153	F1	5.00	mg/Kg			04/21/21 10:15	1

Client Sample ID: C-43

Lab Sample ID: 880-1340-42

Date Collected: 04/14/21 10:52

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/20/21 10:21	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/20/21 10:21	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/20/21 10:21	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/19/21 15:44	04/20/21 10:21	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/20/21 10:21	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/19/21 15:44	04/20/21 10:21	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/19/21 15:44	04/20/21 10:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	175	S1+	70 - 130	04/19/21 15:44	04/20/21 10:21	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/19/21 15:44	04/20/21 10:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 19:55	1
Diesel Range Organics (Over C10-C28)	56.0		49.9	mg/Kg		04/16/21 16:28	04/17/21 19:55	1
Oil Range Organics (Over C28-C36)	53.6		49.9	mg/Kg		04/16/21 16:28	04/17/21 19:55	1
Total TPH	110		49.9	mg/Kg		04/16/21 16:28	04/17/21 19:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	04/16/21 16:28	04/17/21 19:55	1
o-Terphenyl	128		70 - 130	04/16/21 16:28	04/17/21 19:55	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.7		5.04	mg/Kg			04/21/21 10:37	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-44

Lab Sample ID: 880-1340-43

Date Collected: 04/14/21 10:54

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/19/21 15:44	04/20/21 10:46	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/19/21 15:44	04/20/21 10:46	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/19/21 15:44	04/20/21 10:46	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/19/21 15:44	04/20/21 10:46	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/19/21 15:44	04/20/21 10:46	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/19/21 15:44	04/20/21 10:46	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/19/21 15:44	04/20/21 10:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	04/19/21 15:44	04/20/21 10:46	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/19/21 15:44	04/20/21 10:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/16/21 16:28	04/17/21 20:17	1
Diesel Range Organics (Over C10-C28)	400		49.8	mg/Kg		04/16/21 16:28	04/17/21 20:17	1
Oil Range Organics (Over C28-C36)	152		49.8	mg/Kg		04/16/21 16:28	04/17/21 20:17	1
Total TPH	552		49.8	mg/Kg		04/16/21 16:28	04/17/21 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	04/16/21 16:28	04/17/21 20:17	1
o-Terphenyl	132	S1+	70 - 130	04/16/21 16:28	04/17/21 20:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	261		5.02	mg/Kg			04/21/21 10:45	1

Client Sample ID: C-45

Lab Sample ID: 880-1340-44

Date Collected: 04/14/21 10:56

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 03:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 03:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 03:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/21/21 10:24	04/22/21 03:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 03:11	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/21/21 10:24	04/22/21 03:11	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/21/21 10:24	04/22/21 03:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/21/21 10:24	04/22/21 03:11	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/21/21 10:24	04/22/21 03:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 20:38	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-45

Date Collected: 04/14/21 10:56

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-44

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	164		49.9	mg/Kg		04/16/21 16:28	04/17/21 20:38	1
Oil Range Organics (Over C28-C36)	54.5		49.9	mg/Kg		04/16/21 16:28	04/17/21 20:38	1
Total TPH	219		49.9	mg/Kg		04/16/21 16:28	04/17/21 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	04/16/21 16:28	04/17/21 20:38	1
o-Terphenyl	122		70 - 130	04/16/21 16:28	04/17/21 20:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	191		4.98	mg/Kg			04/21/21 10:52	1

Client Sample ID: C-46

Date Collected: 04/14/21 10:58

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-45

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:24	04/22/21 03:32	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:24	04/22/21 03:32	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:24	04/22/21 03:32	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		04/21/21 10:24	04/22/21 03:32	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:24	04/22/21 03:32	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		04/21/21 10:24	04/22/21 03:32	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		04/21/21 10:24	04/22/21 03:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/21/21 10:24	04/22/21 03:32	1
1,4-Difluorobenzene (Surr)	84		70 - 130	04/21/21 10:24	04/22/21 03:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 20:59	1
Diesel Range Organics (Over C10-C28)	74.0		50.0	mg/Kg		04/16/21 16:28	04/17/21 20:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 20:59	1
Total TPH	74.0		50.0	mg/Kg		04/16/21 16:28	04/17/21 20:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/16/21 16:28	04/17/21 20:59	1
o-Terphenyl	124		70 - 130	04/16/21 16:28	04/17/21 20:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.4		4.96	mg/Kg			04/21/21 11:00	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-47

Lab Sample ID: 880-1340-46

Date Collected: 04/14/21 11:00

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 04:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 04:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 04:53	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/21/21 10:24	04/22/21 04:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 04:53	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/21/21 10:24	04/22/21 04:53	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/21/21 10:24	04/22/21 04:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/21/21 10:24	04/22/21 04:53	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/21/21 10:24	04/22/21 04:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 21:21	1
Diesel Range Organics (Over C10-C28)	174		50.0	mg/Kg		04/16/21 16:28	04/17/21 21:21	1
Oil Range Organics (Over C28-C36)	54.9		50.0	mg/Kg		04/16/21 16:28	04/17/21 21:21	1
Total TPH	229		50.0	mg/Kg		04/16/21 16:28	04/17/21 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	04/16/21 16:28	04/17/21 21:21	1
o-Terphenyl	122		70 - 130	04/16/21 16:28	04/17/21 21:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.4		4.95	mg/Kg			04/21/21 11:23	1

Client Sample ID: C-48

Lab Sample ID: 880-1340-47

Date Collected: 04/14/21 11:02

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 05:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 05:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 05:13	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/21/21 10:24	04/22/21 05:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 05:13	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/21/21 10:24	04/22/21 05:13	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/21/21 10:24	04/22/21 05:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/21/21 10:24	04/22/21 05:13	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/21/21 10:24	04/22/21 05:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 21:42	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-48

Lab Sample ID: 880-1340-47

Date Collected: 04/14/21 11:02

Matrix: Solid

Date Received: 04/16/21 08:34

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 21:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 21:42	1
Total TPH	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 21:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			04/16/21 16:28	04/17/21 21:42	1
o-Terphenyl	128		70 - 130			04/16/21 16:28	04/17/21 21:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.3		5.01	mg/Kg			04/21/21 11:28	1

Client Sample ID: C-49

Lab Sample ID: 880-1340-48

Date Collected: 04/14/21 11:04

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/19/21 15:44	04/20/21 12:53	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/19/21 15:44	04/20/21 12:53	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/19/21 15:44	04/20/21 12:53	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/19/21 15:44	04/20/21 12:53	1
o-Xylene	0.00798		0.00201	mg/Kg		04/19/21 15:44	04/20/21 12:53	1
Xylenes, Total	0.00798		0.00402	mg/Kg		04/19/21 15:44	04/20/21 12:53	1
Total BTEX	0.00798		0.00402	mg/Kg		04/19/21 15:44	04/20/21 12:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130			04/19/21 15:44	04/20/21 12:53	1
1,4-Difluorobenzene (Surr)	89		70 - 130			04/19/21 15:44	04/20/21 12:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 22:03	1
Diesel Range Organics (Over C10-C28)	120		49.9	mg/Kg		04/16/21 16:28	04/17/21 22:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 22:03	1
Total TPH	120		49.9	mg/Kg		04/16/21 16:28	04/17/21 22:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			04/16/21 16:28	04/17/21 22:03	1
o-Terphenyl	130		70 - 130			04/16/21 16:28	04/17/21 22:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.1		5.02	mg/Kg			04/21/21 11:33	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-50

Lab Sample ID: 880-1340-49

Date Collected: 04/14/21 11:06

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/20/21 13:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/20/21 13:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/20/21 13:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/19/21 15:44	04/20/21 13:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/20/21 13:18	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/19/21 15:44	04/20/21 13:18	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/19/21 15:44	04/20/21 13:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130	04/19/21 15:44	04/20/21 13:18	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/19/21 15:44	04/20/21 13:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 22:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 22:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 22:25	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 22:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/16/21 16:28	04/17/21 22:25	1
o-Terphenyl	127		70 - 130	04/16/21 16:28	04/17/21 22:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.16		4.97	mg/Kg			04/21/21 11:38	1

Client Sample ID: C-51

Lab Sample ID: 880-1340-50

Date Collected: 04/14/21 11:08

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/19/21 15:44	04/20/21 13:44	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/19/21 15:44	04/20/21 13:44	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/19/21 15:44	04/20/21 13:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/19/21 15:44	04/20/21 13:44	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/19/21 15:44	04/20/21 13:44	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/19/21 15:44	04/20/21 13:44	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		04/19/21 15:44	04/20/21 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130	04/19/21 15:44	04/20/21 13:44	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/19/21 15:44	04/20/21 13:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 22:46	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-51

Lab Sample ID: 880-1340-50

Date Collected: 04/14/21 11:08

Matrix: Solid

Date Received: 04/16/21 08:34

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	1280		50.0	mg/Kg		04/16/21 16:28	04/17/21 22:46	1
Oil Range Organics (Over C28-C36)	393		50.0	mg/Kg		04/16/21 16:28	04/17/21 22:46	1
Total TPH	1670		50.0	mg/Kg		04/16/21 16:28	04/17/21 22:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	04/16/21 16:28	04/17/21 22:46	1
o-Terphenyl	129		70 - 130	04/16/21 16:28	04/17/21 22:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.1		4.98	mg/Kg			04/21/21 11:43	1

Client Sample ID: C-52

Lab Sample ID: 880-1340-51

Date Collected: 04/14/21 11:10

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/19/21 15:44	04/20/21 14:10	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/19/21 15:44	04/20/21 14:10	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/19/21 15:44	04/20/21 14:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/19/21 15:44	04/20/21 14:10	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/19/21 15:44	04/20/21 14:10	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/19/21 15:44	04/20/21 14:10	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/19/21 15:44	04/20/21 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	04/19/21 15:44	04/20/21 14:10	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/19/21 15:44	04/20/21 14:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 23:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 23:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 23:29	1
Total TPH	<49.9	U	49.9	mg/Kg		04/16/21 16:28	04/17/21 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/16/21 16:28	04/17/21 23:29	1
o-Terphenyl	122		70 - 130	04/16/21 16:28	04/17/21 23:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		4.96	mg/Kg			04/21/21 11:48	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-53

Lab Sample ID: 880-1340-52

Date Collected: 04/14/21 11:12

Matrix: Solid

Date Received: 04/16/21 08:34

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 16:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 16:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 16:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/19/21 12:13	04/21/21 16:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 16:50	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/19/21 12:13	04/21/21 16:50	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/19/21 12:13	04/21/21 16:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	04/19/21 12:13	04/21/21 16:50	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/19/21 12:13	04/21/21 16:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/16/21 16:28	04/17/21 23:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/16/21 16:28	04/17/21 23:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/16/21 16:28	04/17/21 23:50	1
Total TPH	<49.8	U	49.8	mg/Kg		04/16/21 16:28	04/17/21 23:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	04/16/21 16:28	04/17/21 23:50	1
o-Terphenyl	135	S1+	70 - 130	04/16/21 16:28	04/17/21 23:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.17		4.98	mg/Kg			04/21/21 12:03	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Method: 8021B - Volatile Organic Compounds (GC)**Matrix: Solid****Prep Type: Total/NA**

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-1331-A-176-D MS	Matrix Spike	102	105
880-1331-A-176-E MSD	Matrix Spike Duplicate	102	105
880-1340-1	C-1	116	102
880-1340-2	C-2	93	88
880-1340-3	C-3	90	91
880-1340-4	C-4	98	94
880-1340-5	C-5	98	89
880-1340-6	C-6	106	94
880-1340-7	C-7	101	93
880-1340-8	C-8	101	98
880-1340-8 MS	C-8	100	87
880-1340-8 MSD	C-8	334 S1+	136 S1+
880-1340-9	C-9	104	116
880-1340-10	C-10	98	112
880-1340-11	C-11	97	109
880-1340-12	C-12	104	107
880-1340-13	C-13	96	98
880-1340-14	C-14	105	95
880-1340-15	C-15	101	105
880-1340-16	C-16	105	107
880-1340-17	C-17	101	107
880-1340-18	C-18	95	101
880-1340-19	C-19	96	95
880-1340-20	C-20	100	110
880-1340-21	C-21	143 S1+	89
880-1340-21 MS	C-21	125	97
880-1340-21 MSD	C-21	129	97
880-1340-22	C-22	130	98
880-1340-23	C-23	162 S1+	109
880-1340-24	C-24	148 S1+	108
880-1340-25	C-25	160 S1+	111
880-1340-26	C-26	151 S1+	104
880-1340-27	C-27	163 S1+	99
880-1340-28	C-28	158 S1+	105
880-1340-29	C-29	147 S1+	106
880-1340-30	C-30	154 S1+	103
880-1340-31	C-31	150 S1+	90
880-1340-32	C-32	131 S1+	86
880-1340-32 MS	C-32	116	83
880-1340-32 MSD	C-32	125	111
880-1340-33	C-33	120	87
880-1340-34	C-34	136 S1+	102
880-1340-35	C-35	115	106
880-1340-36	C-36	111	108
880-1340-37	C-38	109	106
880-1340-38	C-40	115	106
880-1340-39	C-41'	117	105
880-1340-40	C-41	90	99
880-1340-41	C-42	140 S1+	57 S1-

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-1340-42	C-43	175 S1+	109
880-1340-43	C-44	133 S1+	97
880-1340-44	C-45	106	95
880-1340-45	C-46	98	84
880-1340-46	C-47	99	92
880-1340-47	C-48	97	88
880-1340-48	C-49	95	89
880-1340-49	C-50	131 S1+	101
880-1340-50	C-51	141 S1+	101
880-1340-51	C-52	142 S1+	105
880-1340-52	C-53	136 S1+	99
880-1428-A-11-C MS	Matrix Spike	108	102
880-1428-A-11-D MSD	Matrix Spike Duplicate	105	102
880-1430-A-1-F MS	Matrix Spike	103	105
880-1430-A-1-G MSD	Matrix Spike Duplicate	108	103
LCS 880-1979/1-A	Lab Control Sample	97	106
LCS 880-1980/1-A	Lab Control Sample	155 S1+	81
LCS 880-1985/1-A	Lab Control Sample	96	102
LCS 880-2005/1-A	Lab Control Sample	129	102
LCS 880-2029/1-A	Lab Control Sample	97	104
LCS 880-2088/1-A	Lab Control Sample	107	100
LCSD 880-1979/2-A	Lab Control Sample Dup	89	96
LCSD 880-1980/2-A	Lab Control Sample Dup	129	108
LCSD 880-1985/2-A	Lab Control Sample Dup	95	101
LCSD 880-2005/2-A	Lab Control Sample Dup	138 S1+	107
LCSD 880-2029/2-A	Lab Control Sample Dup	97	106
LCSD 880-2088/2-A	Lab Control Sample Dup	110	101
MB 880-1965/5-A	Method Blank	87	85
MB 880-1979/5-A	Method Blank	108	97
MB 880-1980/5-A	Method Blank	86	85
MB 880-1985/5-A	Method Blank	100	102
MB 880-2005/5-A	Method Blank	83	86
MB 880-2029/5-A	Method Blank	99	102
MB 880-2053/5-A	Method Blank	106	94
MB 880-2085/5-A	Method Blank	87	92
MB 880-2088/5-A	Method Blank	87	90

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-1340-1	C-1	136 S1+	125
880-1340-1 MS	C-1	133 S1+	106
880-1340-1 MSD	C-1	124	109
880-1340-2	C-2	129	119

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.

Job ID: 880-1340-1

Project/Site: Blinebry SAT 1 - 19-0180-08

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

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-1340-3	C-3	105	99
880-1340-4	C-4	121	114
880-1340-5	C-5	123	115
880-1340-6	C-6	121	117
880-1340-7	C-7	114	108
880-1340-8	C-8	120	116
880-1340-9	C-9	115	109
880-1340-10	C-10	110	106
880-1340-11	C-11	125	116
880-1340-12	C-12	111	106
880-1340-13	C-13	118	112
880-1340-14	C-14	115	108
880-1340-15	C-15	117	110
880-1340-16	C-16	110	107
880-1340-17	C-17	137 S1+	102
880-1340-18	C-18	116	103
880-1340-19	C-19	116	106
880-1340-20	C-20	123	115
880-1340-21	C-21	79	68 S1-
880-1340-21 MS	C-21	71	58 S1-
880-1340-21 MSD	C-21	75	60 S1-
880-1340-22	C-22	26 S1-	18 S1-
880-1340-23	C-23	31 S1-	25 S1-
880-1340-24	C-24	45 S1-	37 S1-
880-1340-25	C-25	52 S1-	43 S1-
880-1340-26	C-26	62 S1-	50 S1-
880-1340-27	C-27	56 S1-	48 S1-
880-1340-28	C-28	56 S1-	48 S1-
880-1340-29	C-29	70	63 S1-
880-1340-30	C-30	20 S1-	14 S1-
880-1340-31	C-31	63 S1-	55 S1-
880-1340-32	C-32	66 S1-	57 S1-
880-1340-33	C-33	53 S1-	46 S1-
880-1340-34	C-34	61 S1-	56 S1-
880-1340-35	C-35	119	105
880-1340-36	C-36	110	99
880-1340-37	C-38	78	70
880-1340-38	C-40	79	69 S1-
880-1340-39	C-41'	82	72
880-1340-40	C-41	122	109
880-1340-41	C-42	120	134 S1+
880-1340-41 MS	C-42	129	128
880-1340-41 MSD	C-42	124	127
880-1340-42	C-43	112	128
880-1340-43	C-44	112	132 S1+
880-1340-44	C-45	106	122
880-1340-45	C-46	107	124
880-1340-46	C-47	103	122
880-1340-47	C-48	111	128
880-1340-48	C-49	111	130

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.

Job ID: 880-1340-1

Project/Site: Blinebry SAT 1 - 19-0180-08

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

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-1340-49	C-50	110	127
880-1340-50	C-51	113	129
880-1340-51	C-52	107	122
880-1340-52	C-53	116	135 S1+
880-1430-A-1-C MS	Matrix Spike	83	69 S1-
880-1430-A-1-D MSD	Matrix Spike Duplicate	83	69 S1-
LCS 880-1903/2-A	Lab Control Sample	108	99
LCS 880-1904/2-A	Lab Control Sample	105	87
LCS 880-1906/2-A	Lab Control Sample	126	124
LCS 880-2036/2-A	Lab Control Sample	119	103
LCSD 880-1903/3-A	Lab Control Sample Dup	110	98
LCSD 880-1904/3-A	Lab Control Sample Dup	106	87
LCSD 880-1906/3-A	Lab Control Sample Dup	121	120
LCSD 880-2036/3-A	Lab Control Sample Dup	111	100
MB 880-1903/1-A	Method Blank	116	115
MB 880-1904/1-A	Method Blank	104	99
MB 880-1906/1-A	Method Blank	121	139 S1+
MB 880-2036/1-A	Method Blank	105	104

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-1965/5-A

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1965

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 10:02	04/20/21 19:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 10:02	04/20/21 19:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 10:02	04/20/21 19:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/19/21 10:02	04/20/21 19:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 10:02	04/20/21 19:02	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/19/21 10:02	04/20/21 19:02	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/19/21 10:02	04/20/21 19:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	04/19/21 10:02	04/20/21 19:02	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/19/21 10:02	04/20/21 19:02	1

Lab Sample ID: MB 880-1979/5-A

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1979

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 01:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 01:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 01:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/20/21 12:10	04/22/21 01:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/20/21 12:10	04/22/21 01:36	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/20/21 12:10	04/22/21 01:36	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/20/21 12:10	04/22/21 01:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/20/21 12:10	04/22/21 01:36	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/20/21 12:10	04/22/21 01:36	1

Lab Sample ID: LCS 880-1979/1-A

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1979

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08556		mg/Kg		86	70 - 130
Toluene	0.100	0.1045		mg/Kg		104	70 - 130
Ethylbenzene	0.100	0.09579		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1989		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1014		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: LCSD 880-1979/2-A

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1979

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08089		mg/Kg		81	70 - 130	6	35
Toluene	0.100	0.09152		mg/Kg		92	70 - 130	13	35
Ethylbenzene	0.100	0.08786		mg/Kg		88	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1782		mg/Kg		89	70 - 130	11	35
o-Xylene	0.100	0.08784		mg/Kg		88	70 - 130	14	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-1340-8 MS

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: C-8

Prep Type: Total/NA

Prep Batch: 1979

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0998	0.02852	F1	mg/Kg		29	70 - 130		
Toluene	<0.00201	U F1	0.0998	0.04554	F1	mg/Kg		46	70 - 130		
Ethylbenzene	<0.00201	U F2 F1	0.0998	0.04781	F1	mg/Kg		48	70 - 130		
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.200	0.09058	F1	mg/Kg		45	70 - 130		
o-Xylene	<0.00201	U F2 F1	0.0998	0.05006	F1	mg/Kg		50	70 - 130		

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

Lab Sample ID: 880-1340-8 MSD

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: C-8

Prep Type: Total/NA

Prep Batch: 1979

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.100	0.02163	F1	mg/Kg		22	70 - 130	27	35
Toluene	<0.00201	U F1	0.100	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00201	U F2 F1	0.100	0.01777	F2 F1	mg/Kg		18	70 - 130	92	35
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.200	0.02353	F2 F1	mg/Kg		12	70 - 130	118	35
o-Xylene	<0.00201	U F2 F1	0.100	0.01898	F2 F1	mg/Kg		19	70 - 130	90	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	334	S1+	70 - 130
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130

Lab Sample ID: MB 880-1980/5-A

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1980

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 10:27	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 10:27	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 10:27	1

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: MB 880-1980/5-A

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1980

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/19/21 12:13	04/21/21 10:27	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 12:13	04/21/21 10:27	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/19/21 12:13	04/21/21 10:27	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/19/21 12:13	04/21/21 10:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	86		70 - 130	04/19/21 12:13	04/21/21 10:27	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/19/21 12:13	04/21/21 10:27	1

Lab Sample ID: LCS 880-1980/1-A

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1980

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1035		mg/Kg		104	70 - 130
Toluene	0.100	0.1160		mg/Kg		116	70 - 130
Ethylbenzene	0.100	0.1068		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2144		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1170		mg/Kg		117	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130
1,4-Difluorobenzene (Surr)	81		70 - 130

Lab Sample ID: LCSD 880-1980/2-A

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1980

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1095		mg/Kg		109	70 - 130	6	35
Toluene	0.100	0.1218		mg/Kg		122	70 - 130	5	35
Ethylbenzene	0.100	0.1095		mg/Kg		109	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2220		mg/Kg		111	70 - 130	4	35
o-Xylene	0.100	0.1238		mg/Kg		124	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-1340-21 MS

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: C-21

Prep Type: Total/NA

Prep Batch: 1980

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U F2 F1	0.0990	0.05025	F1	mg/Kg		51	70 - 130
Toluene	<0.00198	U F2 F1	0.0990	0.05138	F1	mg/Kg		52	70 - 130
Ethylbenzene	<0.00198	U F2 F1	0.0990	0.04323	F1	mg/Kg		44	70 - 130
m-Xylene & p-Xylene	<0.00397	U F2 F1	0.198	0.03005	F1	mg/Kg		15	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: 880-1340-21 MS

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: C-21

Prep Type: Total/NA

Prep Batch: 1980

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	<0.00198	U F1	0.0990	0.06032	F1	mg/Kg		61	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	125		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 880-1340-21 MSD

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: C-21

Prep Type: Total/NA

Prep Batch: 1980

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00198	U F2 F1	0.0996	0.07353	F2	mg/Kg		74	70 - 130	38	35
Toluene	<0.00198	U F2 F1	0.0996	0.07592	F2	mg/Kg		76	70 - 130	39	35
Ethylbenzene	<0.00198	U F2 F1	0.0996	0.06228	F2 F1	mg/Kg		63	70 - 130	36	35
m-Xylene & p-Xylene	<0.00397	U F2 F1	0.199	0.05590	F2 F1	mg/Kg		28	70 - 130	60	35
o-Xylene	<0.00198	U F1	0.0996	0.07852		mg/Kg		79	70 - 130	26	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	129		70 - 130								
1,4-Difluorobenzene (Surr)	97		70 - 130								

Lab Sample ID: MB 880-1985/5-A

Matrix: Solid

Analysis Batch: 2028

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1985

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 13:30	04/20/21 13:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 13:30	04/20/21 13:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 13:30	04/20/21 13:19	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/19/21 13:30	04/20/21 13:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 13:30	04/20/21 13:19	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/19/21 13:30	04/20/21 13:19	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/19/21 13:30	04/20/21 13:19	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac		
4-Bromofluorobenzene (Surr)	100		70 - 130	04/19/21 13:30	04/20/21 13:19	1		
1,4-Difluorobenzene (Surr)	102		70 - 130	04/19/21 13:30	04/20/21 13:19	1		

Lab Sample ID: LCS 880-1985/1-A

Matrix: Solid

Analysis Batch: 2028

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1985

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08205		mg/Kg		82	70 - 130
Toluene	0.100	0.08958		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.09660		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.1973		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09612		mg/Kg		96	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-1985/2-A

Matrix: Solid

Analysis Batch: 2028

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1985

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07996		mg/Kg		80	70 - 130	3	35
Toluene	0.100	0.08515		mg/Kg		85	70 - 130	5	35
Ethylbenzene	0.100	0.09066		mg/Kg		91	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1841		mg/Kg		92	70 - 130	7	35
o-Xylene	0.100	0.09040		mg/Kg		90	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-1331-A-176-D MS

Matrix: Solid

Analysis Batch: 2028

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 1985

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.0998	0.07213		mg/Kg		72	70 - 130		
Toluene	<0.00202	U F1	0.0998	0.06899	F1	mg/Kg		69	70 - 130		
Ethylbenzene	<0.00202	U F1	0.0998	0.06567	F1	mg/Kg		66	70 - 130		
m-Xylene & p-Xylene	<0.00404	U F1	0.200	0.1327	F1	mg/Kg		66	70 - 130		
o-Xylene	<0.00202	U F1	0.0998	0.06585	F1	mg/Kg		66	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-1331-A-176-E MSD

Matrix: Solid

Analysis Batch: 2028

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 1985

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.100	0.05614	F1	mg/Kg		56	70 - 130	25	35
Toluene	<0.00202	U F1	0.100	0.05382	F1	mg/Kg		54	70 - 130	25	35
Ethylbenzene	<0.00202	U F1	0.100	0.05023	F1	mg/Kg		50	70 - 130	27	35
m-Xylene & p-Xylene	<0.00404	U F1	0.200	0.1025	F1	mg/Kg		51	70 - 130	26	35
o-Xylene	<0.00202	U F1	0.100	0.05065	F1	mg/Kg		51	70 - 130	26	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: MB 880-2005/5-A

Matrix: Solid

Analysis Batch: 1973

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2005

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/19/21 21:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/19/21 21:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/19/21 21:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/19/21 15:44	04/19/21 21:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/19/21 15:44	04/19/21 21:08	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/19/21 15:44	04/19/21 21:08	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/19/21 15:44	04/19/21 21:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	04/19/21 15:44	04/19/21 21:08	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/19/21 15:44	04/19/21 21:08	1

Lab Sample ID: LCS 880-2005/1-A

Matrix: Solid

Analysis Batch: 1973

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2005

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1047		mg/Kg		105	70 - 130
Toluene	0.100	0.1177		mg/Kg		118	70 - 130
Ethylbenzene	0.100	0.1133		mg/Kg		113	70 - 130
m-Xylene & p-Xylene	0.200	0.2303		mg/Kg		115	70 - 130
o-Xylene	0.100	0.1269		mg/Kg		127	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-2005/2-A

Matrix: Solid

Analysis Batch: 1973

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2005

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1044		mg/Kg		104	70 - 130	0	35
Toluene	0.100	0.1174		mg/Kg		117	70 - 130	0	35
Ethylbenzene	0.100	0.1133		mg/Kg		113	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2300		mg/Kg		115	70 - 130	0	35
o-Xylene	0.100	0.1273		mg/Kg		127	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-1340-32 MS

Matrix: Solid

Analysis Batch: 1973

Client Sample ID: C-32

Prep Type: Total/NA

Prep Batch: 2005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F2 F1	0.101	0.04766	F1	mg/Kg		47	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: 880-1340-32 MS

Matrix: Solid

Analysis Batch: 1973

Client Sample ID: C-32

Prep Type: Total/NA

Prep Batch: 2005

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U F1	0.101	0.06367	F1	mg/Kg		63	70 - 130
Ethylbenzene	<0.00200	U F1	0.101	0.06229	F1	mg/Kg		62	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.202	0.1247	F1	mg/Kg		62	70 - 130
o-Xylene	<0.00200	U F1	0.101	0.06888	F1	mg/Kg		68	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 880-1340-32 MSD

Matrix: Solid

Analysis Batch: 1973

Client Sample ID: C-32

Prep Type: Total/NA

Prep Batch: 2005

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F2 F1	0.100	0.07259	F2	mg/Kg		72	70 - 130	41	35
Toluene	<0.00200	U F1	0.100	0.08049		mg/Kg		80	70 - 130	23	35
Ethylbenzene	<0.00200	U F1	0.100	0.08190		mg/Kg		82	70 - 130	27	35
m-Xylene & p-Xylene	<0.00399	U F1	0.201	0.1657		mg/Kg		83	70 - 130	28	35
o-Xylene	<0.00200	U F1	0.100	0.09215		mg/Kg		92	70 - 130	29	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-2029/5-A

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2029

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 11:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 11:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 11:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/20/21 10:48	04/21/21 11:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/20/21 10:48	04/21/21 11:50	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/20/21 10:48	04/21/21 11:50	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/20/21 10:48	04/21/21 11:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/20/21 10:48	04/21/21 11:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/20/21 10:48	04/21/21 11:50	1

Lab Sample ID: LCS 880-2029/1-A

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09303		mg/Kg		93	70 - 130
Toluene	0.100	0.09963		mg/Kg		100	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: LCS 880-2029/1-A

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2029

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.1036		mg/Kg		104	70 - 130
m-Xylene & p-Xylene	0.200	0.2119		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1020		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-2029/2-A

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2029

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09726		mg/Kg		97	70 - 130	4	35
Toluene	0.100	0.09910		mg/Kg		99	70 - 130	1	35
Ethylbenzene	0.100	0.1039		mg/Kg		104	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2095		mg/Kg		105	70 - 130	1	35
o-Xylene	0.100	0.1020		mg/Kg		102	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-1430-A-1-F MS

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 2029

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F2 F1	0.0996	0.07993		mg/Kg		80	70 - 130
Toluene	<0.00200	U F2 F1	0.0996	0.03368	F1	mg/Kg		34	70 - 130
Ethylbenzene	<0.00200	U F2 F1	0.0996	0.07917		mg/Kg		79	70 - 130
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.199	0.1585		mg/Kg		80	70 - 130
o-Xylene	<0.00200	U F1	0.0996	0.07798		mg/Kg		78	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-1430-A-1-G MSD

Matrix: Solid

Analysis Batch: 2080

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 2029

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00200	U F2 F1	0.0994	0.04587	F2 F1	mg/Kg		46	70 - 130	54	35
Toluene	<0.00200	U F2 F1	0.0994	0.05023	F2 F1	mg/Kg		51	70 - 130	39	35
Ethylbenzene	<0.00200	U F2 F1	0.0994	0.05226	F2 F1	mg/Kg		53	70 - 130	41	35
m-Xylene & p-Xylene	<0.00399	U F2 F1	0.199	0.1081	F2 F1	mg/Kg		54	70 - 130	38	35
o-Xylene	<0.00200	U F1	0.0994	0.05774	F1	mg/Kg		58	70 - 130	30	35

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-2053/5-A

Matrix: Solid

Analysis Batch: 2083

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2053

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:00	04/21/21 14:35	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:00	04/21/21 14:35	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:00	04/21/21 14:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/21/21 10:00	04/21/21 14:35	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:00	04/21/21 14:35	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/21/21 10:00	04/21/21 14:35	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/21/21 10:00	04/21/21 14:35	1

Surrogate	MB %Recovery	MB Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Prepared

Analyzed

Dil Fac

Lab Sample ID: MB 880-2085/5-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2085

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/21/21 10:10	04/21/21 13:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Prepared

Analyzed

Dil Fac

Lab Sample ID: MB 880-2088/5-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2088

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/21/21 10:24	04/22/21 00:06	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: MB 880-2088/5-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2088

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	04/21/21 10:24	04/22/21 00:06	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/21/21 10:24	04/22/21 00:06	1

Lab Sample ID: LCS 880-2088/1-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2088

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1035		mg/Kg		104	70 - 130
Toluene	0.100	0.09777		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2162		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-2088/2-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2088

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1018		mg/Kg		102	70 - 130	2	35
Toluene	0.100	0.09706		mg/Kg		97	70 - 130	1	35
Ethylbenzene	0.100	0.1003		mg/Kg		100	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2144		mg/Kg		107	70 - 130	1	35
o-Xylene	0.100	0.1080		mg/Kg		108	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-1428-A-11-C MS

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 2088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0992	0.09287		mg/Kg		94	70 - 130
Toluene	<0.00199	U	0.0992	0.08671		mg/Kg		87	70 - 130
Ethylbenzene	<0.00199	U	0.0992	0.08711		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1794		mg/Kg		90	70 - 130
o-Xylene	<0.00199	U	0.0992	0.09119		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: 880-1428-A-11-D MSD

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 2088

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09477		mg/Kg		95	70 - 130	2	35
Toluene	<0.00199	U	0.100	0.08720		mg/Kg		87	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.100	0.08765		mg/Kg		88	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1805		mg/Kg		90	70 - 130	1	35
o-Xylene	<0.00199	U	0.100	0.09137		mg/Kg		91	70 - 130	0	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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

Lab Sample ID: MB 880-1903/1-A

Matrix: Solid

Analysis Batch: 1958

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1903

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 10:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 10:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 10:53	1
Total TPH	<50.0	U	50.0	mg/Kg		04/16/21 15:56	04/19/21 10:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	04/16/21 15:56	04/19/21 10:53	1
o-Terphenyl	115		70 - 130	04/16/21 15:56	04/19/21 10:53	1

Lab Sample ID: LCS 880-1903/2-A

Matrix: Solid

Analysis Batch: 1958

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1903

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1031		mg/Kg		103	70 - 130
Diesel Range Organics (Over C10-C28)	1000	933.8		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	99		70 - 130

Lab Sample ID: LCSD 880-1903/3-A

Matrix: Solid

Analysis Batch: 1958

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1903

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1094		mg/Kg		109	70 - 130	6	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: LCSD 880-1903/3-A

Matrix: Solid

Analysis Batch: 1958

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1903

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	950.2		mg/Kg		95	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	110		70 - 130						
o-Terphenyl	98		70 - 130						

Lab Sample ID: 880-1340-1 MS

Matrix: Solid

Analysis Batch: 1958

Client Sample ID: C-1

Prep Type: Total/NA

Prep Batch: 1903

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	1458	F1	mg/Kg		146	70 - 130		
Diesel Range Organics (Over C10-C28)	206		998	1385		mg/Kg		118	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	133	S1+	70 - 130								
o-Terphenyl	106		70 - 130								

Lab Sample ID: 880-1340-1 MSD

Matrix: Solid

Analysis Batch: 1958

Client Sample ID: C-1

Prep Type: Total/NA

Prep Batch: 1903

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	1356	F1	mg/Kg		136	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	206		998	1313		mg/Kg		111	70 - 130	5	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	124		70 - 130								
o-Terphenyl	109		70 - 130								

Lab Sample ID: MB 880-1904/1-A

Matrix: Solid

Analysis Batch: 1960

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1904

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	79.45		50.0	mg/Kg		04/16/21 16:13	04/19/21 10:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 10:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:13	04/19/21 10:53	1
Total TPH	79.45		50.0	mg/Kg		04/16/21 16:13	04/19/21 10:53	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane	104		70 - 130	04/16/21 16:13	04/19/21 10:53	1		

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: MB 880-1904/1-A

Matrix: Solid

Analysis Batch: 1960

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1904

	MB	MB								
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac				
o-Terphenyl	99		70 - 130	04/16/21 16:13	04/19/21 10:53	1				

Lab Sample ID: LCS 880-1904/2-A

Matrix: Solid

Analysis Batch: 1960

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1904

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	957.0		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	869.5		mg/Kg		87	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	105		70 - 130						
o-Terphenyl	87		70 - 130						

Lab Sample ID: LCSD 880-1904/3-A

Matrix: Solid

Analysis Batch: 1960

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1904

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	975.4		mg/Kg		98	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	886.0		mg/Kg		89	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	106		70 - 130						
o-Terphenyl	87		70 - 130						

Lab Sample ID: 880-1340-21 MS

Matrix: Solid

Analysis Batch: 1960

Client Sample ID: C-21

Prep Type: Total/NA

Prep Batch: 1904

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	656.8	F1	mg/Kg		61	70 - 130		
Diesel Range Organics (Over C10-C28)	54.6	F1	998	603.4	F1	mg/Kg		55	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	71		70 - 130								
o-Terphenyl	58	S1-	70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: 880-1340-21 MSD

Matrix: Solid

Analysis Batch: 1960

Client Sample ID: C-21

Prep Type: Total/NA

Prep Batch: 1904

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	718.2	F1	mg/Kg		67	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	54.6	F1	998	640.7	F1	mg/Kg		59	70 - 130	6	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	75		70 - 130								
o-Terphenyl	60	S1-	70 - 130								

Lab Sample ID: MB 880-1906/1-A

Matrix: Solid

Analysis Batch: 1921

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 1906

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 17:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 17:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 17:47	1
Total TPH	<50.0	U	50.0	mg/Kg		04/16/21 16:28	04/17/21 17:47	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130			04/16/21 16:28	04/17/21 17:47	1
o-Terphenyl	139	S1+	70 - 130			04/16/21 16:28	04/17/21 17:47	1

Lab Sample ID: LCS 880-1906/2-A

Matrix: Solid

Analysis Batch: 1921

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 1906

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1245		mg/Kg		125	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1088		mg/Kg		109	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
1-Chlorooctane	126		70 - 130					
o-Terphenyl	124		70 - 130					

Lab Sample ID: LCSD 880-1906/3-A

Matrix: Solid

Analysis Batch: 1921

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1906

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1156		mg/Kg		116	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	1048		mg/Kg		105	70 - 130	4	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: LCSD 880-1906/3-A

Matrix: Solid

Analysis Batch: 1921

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 1906

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	121		70 - 130
o-Terphenyl	120		70 - 130

Lab Sample ID: 880-1340-41 MS

Matrix: Solid

Analysis Batch: 1921

Client Sample ID: C-42

Prep Type: Total/NA

Prep Batch: 1906

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	1378	F1	mg/Kg		136	70 - 130
Diesel Range Organics (Over C10-C28)	424	F1	998	1924	F1	mg/Kg		150	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	129		70 - 130
o-Terphenyl	128		70 - 130

Lab Sample ID: 880-1340-41 MSD

Matrix: Solid

Analysis Batch: 1921

Client Sample ID: C-42

Prep Type: Total/NA

Prep Batch: 1906

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	1344	F1	mg/Kg		133	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	424	F1	998	1944	F1	mg/Kg		152	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane	124		70 - 130
o-Terphenyl	127		70 - 130

Lab Sample ID: MB 880-2036/1-A

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2036

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/20/21 11:25	04/21/21 00:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/20/21 11:25	04/21/21 00:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/20/21 11:25	04/21/21 00:39	1
Total TPH	<50.0	U	50.0	mg/Kg		04/20/21 11:25	04/21/21 00:39	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	04/20/21 11:25	04/21/21 00:39	1
o-Terphenyl	104		70 - 130	04/20/21 11:25	04/21/21 00:39	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: LCS 880-2036/2-A

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2036

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1045		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1035		mg/Kg		103	70 - 130		

Lab Sample ID: LCSD 880-2036/3-A

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2036

Analysis Data: 2019							Top Data: 2000				
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1205		mg/Kg		120	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	972.5		mg/Kg		97	70 - 130	6	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	111		70 - 130								
o-Terphenyl	100		70 - 130								

Lab Sample ID: 880-1430-A-1-C MS

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 2036

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	998	1097		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	841.9		mg/Kg		83	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
o-Terphenyl	69	S1-	70 - 130								

Lab Sample ID: 880-1430-A-1-D MSD

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 2036

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1 F2	998	1435	F1 F2	mg/Kg	-	139	70 - 130	27	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	861.7		mg/Kg		85	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	83		70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

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

Lab Sample ID: 880-1430-A-1-D MSD

Matrix: Solid

Analysis Batch: 2046

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 2036

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	69	S1-	70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1946/1-A

Matrix: Solid

Analysis Batch: 2033

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	<5.00	U	5.00	mg/Kg			04/20/21 10:26	1

Lab Sample ID: LCS 880-1946/2-A

Matrix: Solid

Analysis Batch: 2033

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				Limits
Chloride	250	252.8		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-1946/3-A

Matrix: Solid

Analysis Batch: 2033

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
	Added	Result	Qualifier				Limits	Limit
Chloride	250	260.3		mg/Kg		104	90 - 110	3 20

Lab Sample ID: 880-1340-1 MS

Matrix: Solid

Analysis Batch: 2033

Client Sample ID: C-1

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Chloride	57.6		252	313.8		mg/Kg		102	90 - 110

Lab Sample ID: 880-1340-1 MSD

Matrix: Solid

Analysis Batch: 2033

Client Sample ID: C-1

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	Limit
Chloride	57.6		252	315.6		mg/Kg		102	90 - 110	1 20

Lab Sample ID: 880-1340-11 MS

Matrix: Solid

Analysis Batch: 2033

Client Sample ID: C-11

Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Chloride	149		249	402.7		mg/Kg		102	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-1340-11 MSD

Matrix: Solid

Analysis Batch: 2033

Client Sample ID: C-11

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	149		249	405.9		mg/Kg		103	90 - 110	1	20

Lab Sample ID: MB 880-1947/1-A

Matrix: Solid

Analysis Batch: 2035

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/20/21 10:22	1

Lab Sample ID: LCS 880-1947/2-A

Matrix: Solid

Analysis Batch: 2035

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	252.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-1947/3-A

Matrix: Solid

Analysis Batch: 2035

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	253.0		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-1340-21 MS

Matrix: Solid

Analysis Batch: 2035

Client Sample ID: C-21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	100		251	344.7		mg/Kg		98	90 - 110

Lab Sample ID: 880-1340-21 MSD

Matrix: Solid

Analysis Batch: 2035

Client Sample ID: C-21

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	100		251	345.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-1340-31 MS

Matrix: Solid

Analysis Batch: 2035

Client Sample ID: C-31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	9.73		250	259.9		mg/Kg		100	90 - 110

Lab Sample ID: 880-1340-31 MSD

Matrix: Solid

Analysis Batch: 2035

Client Sample ID: C-31

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	9.73		250	259.7		mg/Kg		100	90 - 110	0	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-1948/1-A

Matrix: Solid

Analysis Batch: 2097

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/21/21 09:52	1

Lab Sample ID: LCS 880-1948/2-A

Matrix: Solid

Analysis Batch: 2097

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	250.7		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-1948/3-A

Matrix: Solid

Analysis Batch: 2097

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	250.8		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-1340-41 MS

Matrix: Solid

Analysis Batch: 2097

Client Sample ID: C-42

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	153	F1	250	362.7	F1	mg/Kg		84	90 - 110

Lab Sample ID: 880-1340-41 MSD

Matrix: Solid

Analysis Batch: 2097

Client Sample ID: C-42

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	153	F1	250	362.9	F1	mg/Kg		84	90 - 110	0	20

Lab Sample ID: 880-1340-51 MS

Matrix: Solid

Analysis Batch: 2097

Client Sample ID: C-52

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	13.6		248	267.4		mg/Kg		102	90 - 110

Lab Sample ID: 880-1340-A-51-F MSD

Matrix: Solid

Analysis Batch: 2097

Client Sample ID: 880-1340-A-51-F MSD

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	13.6		248	266.5		mg/Kg					

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

GC VOA

Prep Batch: 1965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-1965/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 1973

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-32	C-32	Total/NA	Solid	8021B	2005
880-1340-33	C-33	Total/NA	Solid	8021B	2005
880-1340-34	C-34	Total/NA	Solid	8021B	2005
880-1340-42	C-43	Total/NA	Solid	8021B	2005
880-1340-43	C-44	Total/NA	Solid	8021B	2005
880-1340-48	C-49	Total/NA	Solid	8021B	2005
880-1340-49	C-50	Total/NA	Solid	8021B	2005
880-1340-50	C-51	Total/NA	Solid	8021B	2005
880-1340-51	C-52	Total/NA	Solid	8021B	2005
MB 880-2005/5-A	Method Blank	Total/NA	Solid	8021B	2005
LCS 880-2005/1-A	Lab Control Sample	Total/NA	Solid	8021B	2005
LCSD 880-2005/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2005
880-1340-32 MS	C-32	Total/NA	Solid	8021B	2005
880-1340-32 MSD	C-32	Total/NA	Solid	8021B	2005

Prep Batch: 1979

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-8	C-8	Total/NA	Solid	5035	
880-1340-9	C-9	Total/NA	Solid	5035	
880-1340-10	C-10	Total/NA	Solid	5035	
880-1340-11	C-11	Total/NA	Solid	5035	
880-1340-12	C-12	Total/NA	Solid	5035	
880-1340-13	C-13	Total/NA	Solid	5035	
880-1340-14	C-14	Total/NA	Solid	5035	
880-1340-15	C-15	Total/NA	Solid	5035	
880-1340-16	C-16	Total/NA	Solid	5035	
880-1340-17	C-17	Total/NA	Solid	5035	
880-1340-18	C-18	Total/NA	Solid	5035	
880-1340-19	C-19	Total/NA	Solid	5035	
880-1340-20	C-20	Total/NA	Solid	5035	
MB 880-1979/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1979/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1979/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1340-8 MS	C-8	Total/NA	Solid	5035	
880-1340-8 MSD	C-8	Total/NA	Solid	5035	

Prep Batch: 1980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-21	C-21	Total/NA	Solid	5035	
880-1340-22	C-22	Total/NA	Solid	5035	
880-1340-23	C-23	Total/NA	Solid	5035	
880-1340-24	C-24	Total/NA	Solid	5035	
880-1340-25	C-25	Total/NA	Solid	5035	
880-1340-26	C-26	Total/NA	Solid	5035	
880-1340-27	C-27	Total/NA	Solid	5035	
880-1340-28	C-28	Total/NA	Solid	5035	
880-1340-29	C-29	Total/NA	Solid	5035	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

GC VOA (Continued)

Prep Batch: 1980 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-30	C-30	Total/NA	Solid	5035	
880-1340-31	C-31	Total/NA	Solid	5035	
880-1340-52	C-53	Total/NA	Solid	5035	
MB 880-1980/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1980/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1980/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1340-21 MS	C-21	Total/NA	Solid	5035	
880-1340-21 MSD	C-21	Total/NA	Solid	5035	

Prep Batch: 1985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-1	C-1	Total/NA	Solid	5035	
MB 880-1985/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-1985/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-1985/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1331-A-176-D MS	Matrix Spike	Total/NA	Solid	5035	
880-1331-A-176-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 2005

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-32	C-32	Total/NA	Solid	5035	
880-1340-33	C-33	Total/NA	Solid	5035	
880-1340-34	C-34	Total/NA	Solid	5035	
880-1340-42	C-43	Total/NA	Solid	5035	
880-1340-43	C-44	Total/NA	Solid	5035	
880-1340-48	C-49	Total/NA	Solid	5035	
880-1340-49	C-50	Total/NA	Solid	5035	
880-1340-50	C-51	Total/NA	Solid	5035	
880-1340-51	C-52	Total/NA	Solid	5035	
MB 880-2005/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2005/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2005/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1340-32 MS	C-32	Total/NA	Solid	5035	
880-1340-32 MSD	C-32	Total/NA	Solid	5035	

Analysis Batch: 2028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-1	C-1	Total/NA	Solid	8021B	1985
MB 880-1985/5-A	Method Blank	Total/NA	Solid	8021B	1985
LCS 880-1985/1-A	Lab Control Sample	Total/NA	Solid	8021B	1985
LCSD 880-1985/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1985
880-1331-A-176-D MS	Matrix Spike	Total/NA	Solid	8021B	1985
880-1331-A-176-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	1985

Prep Batch: 2029

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-35	C-35	Total/NA	Solid	5035	
880-1340-36	C-36	Total/NA	Solid	5035	
880-1340-37	C-38	Total/NA	Solid	5035	
880-1340-38	C-40	Total/NA	Solid	5035	
880-1340-39	C-41'	Total/NA	Solid	5035	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

GC VOA (Continued)

Prep Batch: 2029 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-40	C-41	Total/NA	Solid	5035	
880-1340-41	C-42	Total/NA	Solid	5035	
MB 880-2029/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2029/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2029/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1430-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
880-1430-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 2053

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-2053/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 2056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-21	C-21	Total/NA	Solid	8021B	1980
880-1340-22	C-22	Total/NA	Solid	8021B	1980
880-1340-23	C-23	Total/NA	Solid	8021B	1980
880-1340-24	C-24	Total/NA	Solid	8021B	1980
880-1340-25	C-25	Total/NA	Solid	8021B	1980
880-1340-26	C-26	Total/NA	Solid	8021B	1980
880-1340-27	C-27	Total/NA	Solid	8021B	1980
880-1340-28	C-28	Total/NA	Solid	8021B	1980
880-1340-29	C-29	Total/NA	Solid	8021B	1980
880-1340-30	C-30	Total/NA	Solid	8021B	1980
880-1340-31	C-31	Total/NA	Solid	8021B	1980
880-1340-52	C-53	Total/NA	Solid	8021B	1980
MB 880-1965/5-A	Method Blank	Total/NA	Solid	8021B	1965
MB 880-1980/5-A	Method Blank	Total/NA	Solid	8021B	1980
LCS 880-1980/1-A	Lab Control Sample	Total/NA	Solid	8021B	1980
LCSD 880-1980/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1980
880-1340-21 MS	C-21	Total/NA	Solid	8021B	1980
880-1340-21 MSD	C-21	Total/NA	Solid	8021B	1980

Analysis Batch: 2080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-35	C-35	Total/NA	Solid	8021B	2029
880-1340-36	C-36	Total/NA	Solid	8021B	2029
880-1340-37	C-38	Total/NA	Solid	8021B	2029
880-1340-38	C-40	Total/NA	Solid	8021B	2029
880-1340-39	C-41'	Total/NA	Solid	8021B	2029
880-1340-40	C-41	Total/NA	Solid	8021B	2029
880-1340-41	C-42	Total/NA	Solid	8021B	2029
MB 880-2029/5-A	Method Blank	Total/NA	Solid	8021B	2029
LCS 880-2029/1-A	Lab Control Sample	Total/NA	Solid	8021B	2029
LCSD 880-2029/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2029
880-1430-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	2029
880-1430-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	2029

Analysis Batch: 2083

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-8	C-8	Total/NA	Solid	8021B	1979

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

GC VOA (Continued)

Analysis Batch: 2083 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-9	C-9	Total/NA	Solid	8021B	1979
880-1340-10	C-10	Total/NA	Solid	8021B	1979
880-1340-11	C-11	Total/NA	Solid	8021B	1979
880-1340-12	C-12	Total/NA	Solid	8021B	1979
880-1340-13	C-13	Total/NA	Solid	8021B	1979
880-1340-14	C-14	Total/NA	Solid	8021B	1979
880-1340-15	C-15	Total/NA	Solid	8021B	1979
880-1340-16	C-16	Total/NA	Solid	8021B	1979
880-1340-17	C-17	Total/NA	Solid	8021B	1979
880-1340-18	C-18	Total/NA	Solid	8021B	1979
880-1340-19	C-19	Total/NA	Solid	8021B	1979
880-1340-20	C-20	Total/NA	Solid	8021B	1979
MB 880-1979/5-A	Method Blank	Total/NA	Solid	8021B	1979
MB 880-2053/5-A	Method Blank	Total/NA	Solid	8021B	2053
LCS 880-1979/1-A	Lab Control Sample	Total/NA	Solid	8021B	1979
LCSD 880-1979/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	1979
880-1340-8 MS	C-8	Total/NA	Solid	8021B	1979
880-1340-8 MSD	C-8	Total/NA	Solid	8021B	1979

Analysis Batch: 2084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-2	C-2	Total/NA	Solid	8021B	2088
880-1340-3	C-3	Total/NA	Solid	8021B	2088
880-1340-4	C-4	Total/NA	Solid	8021B	2088
880-1340-5	C-5	Total/NA	Solid	8021B	2088
880-1340-6	C-6	Total/NA	Solid	8021B	2088
880-1340-7	C-7	Total/NA	Solid	8021B	2088
880-1340-44	C-45	Total/NA	Solid	8021B	2088
880-1340-45	C-46	Total/NA	Solid	8021B	2088
880-1340-46	C-47	Total/NA	Solid	8021B	2088
880-1340-47	C-48	Total/NA	Solid	8021B	2088
MB 880-2085/5-A	Method Blank	Total/NA	Solid	8021B	2085
MB 880-2088/5-A	Method Blank	Total/NA	Solid	8021B	2088
LCS 880-2088/1-A	Lab Control Sample	Total/NA	Solid	8021B	2088
LCSD 880-2088/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2088
880-1428-A-11-C MS	Matrix Spike	Total/NA	Solid	8021B	2088
880-1428-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	2088

Prep Batch: 2085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-2085/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 2088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-2	C-2	Total/NA	Solid	5035	
880-1340-3	C-3	Total/NA	Solid	5035	
880-1340-4	C-4	Total/NA	Solid	5035	
880-1340-5	C-5	Total/NA	Solid	5035	
880-1340-6	C-6	Total/NA	Solid	5035	
880-1340-7	C-7	Total/NA	Solid	5035	
880-1340-44	C-45	Total/NA	Solid	5035	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

GC VOA (Continued)

Prep Batch: 2088 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-45	C-46	Total/NA	Solid	5035	
880-1340-46	C-47	Total/NA	Solid	5035	
880-1340-47	C-48	Total/NA	Solid	5035	
MB 880-2088/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2088/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2088/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1428-A-11-C MS	Matrix Spike	Total/NA	Solid	5035	
880-1428-A-11-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 1903

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-1	C-1	Total/NA	Solid	8015NM Prep	
880-1340-2	C-2	Total/NA	Solid	8015NM Prep	
880-1340-3	C-3	Total/NA	Solid	8015NM Prep	
880-1340-4	C-4	Total/NA	Solid	8015NM Prep	
880-1340-5	C-5	Total/NA	Solid	8015NM Prep	
880-1340-6	C-6	Total/NA	Solid	8015NM Prep	
880-1340-7	C-7	Total/NA	Solid	8015NM Prep	
880-1340-8	C-8	Total/NA	Solid	8015NM Prep	
880-1340-9	C-9	Total/NA	Solid	8015NM Prep	
880-1340-10	C-10	Total/NA	Solid	8015NM Prep	
880-1340-11	C-11	Total/NA	Solid	8015NM Prep	
880-1340-12	C-12	Total/NA	Solid	8015NM Prep	
880-1340-13	C-13	Total/NA	Solid	8015NM Prep	
880-1340-14	C-14	Total/NA	Solid	8015NM Prep	
880-1340-15	C-15	Total/NA	Solid	8015NM Prep	
880-1340-16	C-16	Total/NA	Solid	8015NM Prep	
880-1340-17	C-17	Total/NA	Solid	8015NM Prep	
880-1340-18	C-18	Total/NA	Solid	8015NM Prep	
880-1340-19	C-19	Total/NA	Solid	8015NM Prep	
880-1340-20	C-20	Total/NA	Solid	8015NM Prep	
MB 880-1903/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1903/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1903/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1340-1 MS	C-1	Total/NA	Solid	8015NM Prep	
880-1340-1 MSD	C-1	Total/NA	Solid	8015NM Prep	

Prep Batch: 1904

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-21	C-21	Total/NA	Solid	8015NM Prep	
880-1340-22	C-22	Total/NA	Solid	8015NM Prep	
880-1340-23	C-23	Total/NA	Solid	8015NM Prep	
880-1340-24	C-24	Total/NA	Solid	8015NM Prep	
880-1340-25	C-25	Total/NA	Solid	8015NM Prep	
880-1340-26	C-26	Total/NA	Solid	8015NM Prep	
880-1340-27	C-27	Total/NA	Solid	8015NM Prep	
880-1340-28	C-28	Total/NA	Solid	8015NM Prep	
880-1340-29	C-29	Total/NA	Solid	8015NM Prep	
880-1340-30	C-30	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

GC Semi VOA (Continued)

Prep Batch: 1904 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-31	C-31	Total/NA	Solid	8015NM Prep	
880-1340-32	C-32	Total/NA	Solid	8015NM Prep	
880-1340-33	C-33	Total/NA	Solid	8015NM Prep	
880-1340-34	C-34	Total/NA	Solid	8015NM Prep	
880-1340-35	C-35	Total/NA	Solid	8015NM Prep	
880-1340-36	C-36	Total/NA	Solid	8015NM Prep	
880-1340-37	C-38	Total/NA	Solid	8015NM Prep	
880-1340-38	C-40	Total/NA	Solid	8015NM Prep	
880-1340-39	C-41'	Total/NA	Solid	8015NM Prep	
880-1340-40	C-41	Total/NA	Solid	8015NM Prep	
MB 880-1904/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1904/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1904/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1340-21 MS	C-21	Total/NA	Solid	8015NM Prep	
880-1340-21 MSD	C-21	Total/NA	Solid	8015NM Prep	

Prep Batch: 1906

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-41	C-42	Total/NA	Solid	8015NM Prep	
880-1340-42	C-43	Total/NA	Solid	8015NM Prep	
880-1340-43	C-44	Total/NA	Solid	8015NM Prep	
880-1340-44	C-45	Total/NA	Solid	8015NM Prep	
880-1340-45	C-46	Total/NA	Solid	8015NM Prep	
880-1340-46	C-47	Total/NA	Solid	8015NM Prep	
880-1340-47	C-48	Total/NA	Solid	8015NM Prep	
880-1340-48	C-49	Total/NA	Solid	8015NM Prep	
880-1340-49	C-50	Total/NA	Solid	8015NM Prep	
880-1340-50	C-51	Total/NA	Solid	8015NM Prep	
880-1340-51	C-52	Total/NA	Solid	8015NM Prep	
880-1340-52	C-53	Total/NA	Solid	8015NM Prep	
MB 880-1906/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-1906/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-1906/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1340-41 MS	C-42	Total/NA	Solid	8015NM Prep	
880-1340-41 MSD	C-42	Total/NA	Solid	8015NM Prep	

Analysis Batch: 1921

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-41	C-42	Total/NA	Solid	8015B NM	1906
880-1340-42	C-43	Total/NA	Solid	8015B NM	1906
880-1340-43	C-44	Total/NA	Solid	8015B NM	1906
880-1340-44	C-45	Total/NA	Solid	8015B NM	1906
880-1340-45	C-46	Total/NA	Solid	8015B NM	1906
880-1340-46	C-47	Total/NA	Solid	8015B NM	1906
880-1340-47	C-48	Total/NA	Solid	8015B NM	1906
880-1340-48	C-49	Total/NA	Solid	8015B NM	1906
880-1340-49	C-50	Total/NA	Solid	8015B NM	1906
880-1340-50	C-51	Total/NA	Solid	8015B NM	1906
880-1340-51	C-52	Total/NA	Solid	8015B NM	1906
880-1340-52	C-53	Total/NA	Solid	8015B NM	1906
MB 880-1906/1-A	Method Blank	Total/NA	Solid	8015B NM	1906

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

GC Semi VOA (Continued)

Analysis Batch: 1921 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-1906/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1906
LCSD 880-1906/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1906
880-1340-41 MS	C-42	Total/NA	Solid	8015B NM	1906
880-1340-41 MSD	C-42	Total/NA	Solid	8015B NM	1906

Analysis Batch: 1958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-1	C-1	Total/NA	Solid	8015B NM	1903
880-1340-2	C-2	Total/NA	Solid	8015B NM	1903
880-1340-3	C-3	Total/NA	Solid	8015B NM	1903
880-1340-4	C-4	Total/NA	Solid	8015B NM	1903
880-1340-5	C-5	Total/NA	Solid	8015B NM	1903
880-1340-6	C-6	Total/NA	Solid	8015B NM	1903
880-1340-7	C-7	Total/NA	Solid	8015B NM	1903
880-1340-8	C-8	Total/NA	Solid	8015B NM	1903
880-1340-9	C-9	Total/NA	Solid	8015B NM	1903
880-1340-10	C-10	Total/NA	Solid	8015B NM	1903
880-1340-11	C-11	Total/NA	Solid	8015B NM	1903
880-1340-12	C-12	Total/NA	Solid	8015B NM	1903
880-1340-13	C-13	Total/NA	Solid	8015B NM	1903
880-1340-14	C-14	Total/NA	Solid	8015B NM	1903
880-1340-15	C-15	Total/NA	Solid	8015B NM	1903
880-1340-16	C-16	Total/NA	Solid	8015B NM	1903
880-1340-17	C-17	Total/NA	Solid	8015B NM	1903
880-1340-18	C-18	Total/NA	Solid	8015B NM	1903
880-1340-19	C-19	Total/NA	Solid	8015B NM	1903
880-1340-20	C-20	Total/NA	Solid	8015B NM	1903
MB 880-1903/1-A	Method Blank	Total/NA	Solid	8015B NM	1903
LCS 880-1903/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1903
LCSD 880-1903/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1903
880-1340-1 MS	C-1	Total/NA	Solid	8015B NM	1903
880-1340-1 MSD	C-1	Total/NA	Solid	8015B NM	1903

Analysis Batch: 1960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-21	C-21	Total/NA	Solid	8015B NM	1904
880-1340-22	C-22	Total/NA	Solid	8015B NM	1904
880-1340-23	C-23	Total/NA	Solid	8015B NM	1904
880-1340-24	C-24	Total/NA	Solid	8015B NM	1904
880-1340-25	C-25	Total/NA	Solid	8015B NM	1904
880-1340-26	C-26	Total/NA	Solid	8015B NM	1904
880-1340-27	C-27	Total/NA	Solid	8015B NM	1904
880-1340-28	C-28	Total/NA	Solid	8015B NM	1904
880-1340-29	C-29	Total/NA	Solid	8015B NM	1904
880-1340-30	C-30	Total/NA	Solid	8015B NM	1904
880-1340-31	C-31	Total/NA	Solid	8015B NM	1904
880-1340-32	C-32	Total/NA	Solid	8015B NM	1904
880-1340-33	C-33	Total/NA	Solid	8015B NM	1904
880-1340-34	C-34	Total/NA	Solid	8015B NM	1904
880-1340-35	C-35	Total/NA	Solid	8015B NM	1904
880-1340-36	C-36	Total/NA	Solid	8015B NM	1904

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

GC Semi VOA (Continued)

Analysis Batch: 1960 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-37	C-38	Total/NA	Solid	8015B NM	1904
880-1340-38	C-40	Total/NA	Solid	8015B NM	1904
880-1340-39	C-41'	Total/NA	Solid	8015B NM	1904
880-1340-40	C-41	Total/NA	Solid	8015B NM	1904
MB 880-1904/1-A	Method Blank	Total/NA	Solid	8015B NM	1904
LCS 880-1904/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	1904
LCSD 880-1904/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	1904
880-1340-21 MS	C-21	Total/NA	Solid	8015B NM	1904
880-1340-21 MSD	C-21	Total/NA	Solid	8015B NM	1904

Prep Batch: 2036

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-40	C-41	Total/NA	Solid	8015NM Prep	
MB 880-2036/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2036/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2036/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1430-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-1430-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 2046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-40	C-41	Total/NA	Solid	8015B NM	2036
MB 880-2036/1-A	Method Blank	Total/NA	Solid	8015B NM	2036
LCS 880-2036/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2036
LCSD 880-2036/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2036
880-1430-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	2036
880-1430-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	2036

HPLC/IC

Leach Batch: 1946

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-1	C-1	Soluble	Solid	DI Leach	
880-1340-2	C-2	Soluble	Solid	DI Leach	
880-1340-3	C-3	Soluble	Solid	DI Leach	
880-1340-4	C-4	Soluble	Solid	DI Leach	
880-1340-5	C-5	Soluble	Solid	DI Leach	
880-1340-6	C-6	Soluble	Solid	DI Leach	
880-1340-7	C-7	Soluble	Solid	DI Leach	
880-1340-8	C-8	Soluble	Solid	DI Leach	
880-1340-9	C-9	Soluble	Solid	DI Leach	
880-1340-10	C-10	Soluble	Solid	DI Leach	
880-1340-11	C-11	Soluble	Solid	DI Leach	
880-1340-12	C-12	Soluble	Solid	DI Leach	
880-1340-13	C-13	Soluble	Solid	DI Leach	
880-1340-14	C-14	Soluble	Solid	DI Leach	
880-1340-15	C-15	Soluble	Solid	DI Leach	
880-1340-16	C-16	Soluble	Solid	DI Leach	
880-1340-17	C-17	Soluble	Solid	DI Leach	
880-1340-18	C-18	Soluble	Solid	DI Leach	
880-1340-19	C-19	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

HPLC/IC (Continued)

Leach Batch: 1946 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-20	C-20	Soluble	Solid	DI Leach	
MB 880-1946/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1946/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1946/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1340-1 MS	C-1	Soluble	Solid	DI Leach	
880-1340-1 MSD	C-1	Soluble	Solid	DI Leach	
880-1340-11 MS	C-11	Soluble	Solid	DI Leach	
880-1340-11 MSD	C-11	Soluble	Solid	DI Leach	

Leach Batch: 1947

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-21	C-21	Soluble	Solid	DI Leach	
880-1340-22	C-22	Soluble	Solid	DI Leach	
880-1340-23	C-23	Soluble	Solid	DI Leach	
880-1340-24	C-24	Soluble	Solid	DI Leach	
880-1340-25	C-25	Soluble	Solid	DI Leach	
880-1340-26	C-26	Soluble	Solid	DI Leach	
880-1340-27	C-27	Soluble	Solid	DI Leach	
880-1340-28	C-28	Soluble	Solid	DI Leach	
880-1340-29	C-29	Soluble	Solid	DI Leach	
880-1340-30	C-30	Soluble	Solid	DI Leach	
880-1340-31	C-31	Soluble	Solid	DI Leach	
880-1340-32	C-32	Soluble	Solid	DI Leach	
880-1340-33	C-33	Soluble	Solid	DI Leach	
880-1340-34	C-34	Soluble	Solid	DI Leach	
880-1340-35	C-35	Soluble	Solid	DI Leach	
880-1340-36	C-36	Soluble	Solid	DI Leach	
880-1340-37	C-38	Soluble	Solid	DI Leach	
880-1340-38	C-40	Soluble	Solid	DI Leach	
880-1340-39	C-41'	Soluble	Solid	DI Leach	
880-1340-40	C-41	Soluble	Solid	DI Leach	
MB 880-1947/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1947/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1947/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1340-21 MS	C-21	Soluble	Solid	DI Leach	
880-1340-21 MSD	C-21	Soluble	Solid	DI Leach	
880-1340-31 MS	C-31	Soluble	Solid	DI Leach	
880-1340-31 MSD	C-31	Soluble	Solid	DI Leach	

Leach Batch: 1948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-41	C-42	Soluble	Solid	DI Leach	
880-1340-42	C-43	Soluble	Solid	DI Leach	
880-1340-43	C-44	Soluble	Solid	DI Leach	
880-1340-44	C-45	Soluble	Solid	DI Leach	
880-1340-45	C-46	Soluble	Solid	DI Leach	
880-1340-46	C-47	Soluble	Solid	DI Leach	
880-1340-47	C-48	Soluble	Solid	DI Leach	
880-1340-48	C-49	Soluble	Solid	DI Leach	
880-1340-49	C-50	Soluble	Solid	DI Leach	
880-1340-50	C-51	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

HPLC/IC (Continued)

Leach Batch: 1948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-51	C-52	Soluble	Solid	DI Leach	
880-1340-52	C-53	Soluble	Solid	DI Leach	
MB 880-1948/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-1948/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-1948/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1340-41 MS	C-42	Soluble	Solid	DI Leach	
880-1340-41 MSD	C-42	Soluble	Solid	DI Leach	
880-1340-51 MS	C-52	Soluble	Solid	DI Leach	
880-1340-A-51-F MSD	880-1340-A-51-F MSD	Soluble	Solid	DI Leach	

Analysis Batch: 2033

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-1	C-1	Soluble	Solid	300.0	1946
880-1340-2	C-2	Soluble	Solid	300.0	1946
880-1340-3	C-3	Soluble	Solid	300.0	1946
880-1340-4	C-4	Soluble	Solid	300.0	1946
880-1340-5	C-5	Soluble	Solid	300.0	1946
880-1340-6	C-6	Soluble	Solid	300.0	1946
880-1340-7	C-7	Soluble	Solid	300.0	1946
880-1340-8	C-8	Soluble	Solid	300.0	1946
880-1340-9	C-9	Soluble	Solid	300.0	1946
880-1340-10	C-10	Soluble	Solid	300.0	1946
880-1340-11	C-11	Soluble	Solid	300.0	1946
880-1340-12	C-12	Soluble	Solid	300.0	1946
880-1340-13	C-13	Soluble	Solid	300.0	1946
880-1340-14	C-14	Soluble	Solid	300.0	1946
880-1340-15	C-15	Soluble	Solid	300.0	1946
880-1340-16	C-16	Soluble	Solid	300.0	1946
880-1340-17	C-17	Soluble	Solid	300.0	1946
880-1340-18	C-18	Soluble	Solid	300.0	1946
880-1340-19	C-19	Soluble	Solid	300.0	1946
880-1340-20	C-20	Soluble	Solid	300.0	1946
MB 880-1946/1-A	Method Blank	Soluble	Solid	300.0	1946
LCS 880-1946/2-A	Lab Control Sample	Soluble	Solid	300.0	1946
LCSD 880-1946/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1946
880-1340-1 MS	C-1	Soluble	Solid	300.0	1946
880-1340-1 MSD	C-1	Soluble	Solid	300.0	1946
880-1340-11 MS	C-11	Soluble	Solid	300.0	1946
880-1340-11 MSD	C-11	Soluble	Solid	300.0	1946

Analysis Batch: 2035

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-21	C-21	Soluble	Solid	300.0	1947
880-1340-22	C-22	Soluble	Solid	300.0	1947
880-1340-23	C-23	Soluble	Solid	300.0	1947
880-1340-24	C-24	Soluble	Solid	300.0	1947
880-1340-25	C-25	Soluble	Solid	300.0	1947
880-1340-26	C-26	Soluble	Solid	300.0	1947
880-1340-27	C-27	Soluble	Solid	300.0	1947
880-1340-28	C-28	Soluble	Solid	300.0	1947
880-1340-29	C-29	Soluble	Solid	300.0	1947

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

HPLC/IC (Continued)

Analysis Batch: 2035 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-30	C-30	Soluble	Solid	300.0	1947
880-1340-31	C-31	Soluble	Solid	300.0	1947
880-1340-32	C-32	Soluble	Solid	300.0	1947
880-1340-33	C-33	Soluble	Solid	300.0	1947
880-1340-34	C-34	Soluble	Solid	300.0	1947
880-1340-35	C-35	Soluble	Solid	300.0	1947
880-1340-36	C-36	Soluble	Solid	300.0	1947
880-1340-37	C-38	Soluble	Solid	300.0	1947
880-1340-38	C-40	Soluble	Solid	300.0	1947
880-1340-39	C-41'	Soluble	Solid	300.0	1947
880-1340-40	C-41	Soluble	Solid	300.0	1947
MB 880-1947/1-A	Method Blank	Soluble	Solid	300.0	1947
LCS 880-1947/2-A	Lab Control Sample	Soluble	Solid	300.0	1947
LCSD 880-1947/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1947
880-1340-21 MS	C-21	Soluble	Solid	300.0	1947
880-1340-21 MSD	C-21	Soluble	Solid	300.0	1947
880-1340-31 MS	C-31	Soluble	Solid	300.0	1947
880-1340-31 MSD	C-31	Soluble	Solid	300.0	1947

Analysis Batch: 2097

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1340-41	C-42	Soluble	Solid	300.0	1948
880-1340-42	C-43	Soluble	Solid	300.0	1948
880-1340-43	C-44	Soluble	Solid	300.0	1948
880-1340-44	C-45	Soluble	Solid	300.0	1948
880-1340-45	C-46	Soluble	Solid	300.0	1948
880-1340-46	C-47	Soluble	Solid	300.0	1948
880-1340-47	C-48	Soluble	Solid	300.0	1948
880-1340-48	C-49	Soluble	Solid	300.0	1948
880-1340-49	C-50	Soluble	Solid	300.0	1948
880-1340-50	C-51	Soluble	Solid	300.0	1948
880-1340-51	C-52	Soluble	Solid	300.0	1948
880-1340-52	C-53	Soluble	Solid	300.0	1948
MB 880-1948/1-A	Method Blank	Soluble	Solid	300.0	1948
LCS 880-1948/2-A	Lab Control Sample	Soluble	Solid	300.0	1948
LCSD 880-1948/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	1948
880-1340-41 MS	C-42	Soluble	Solid	300.0	1948
880-1340-41 MSD	C-42	Soluble	Solid	300.0	1948
880-1340-51 MS	C-52	Soluble	Solid	300.0	1948
880-1340-A-51-F MSD	880-1340-A-51-F MSD	Soluble	Solid	300.0	1948

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-1

Lab Sample ID: 880-1340-1

Date Collected: 04/14/21 09:30

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1985	04/19/21 13:30	MR	XM
Total/NA	Analysis	8021B		1	2028	04/20/21 16:51	MR	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:56	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 11:58	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 10:41	CH	XM

Client Sample ID: C-2

Lab Sample ID: 880-1340-2

Date Collected: 04/14/21 09:32

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 01:09	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:56	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 13:03	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 10:56	CH	XM

Client Sample ID: C-3

Lab Sample ID: 880-1340-3

Date Collected: 04/14/21 09:34

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 01:29	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:56	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 13:25	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 11:01	CH	XM

Client Sample ID: C-4

Lab Sample ID: 880-1340-4

Date Collected: 04/14/21 09:36

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 01:50	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:56	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 13:47	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 11:06	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-5

Date Collected: 04/14/21 09:38

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 02:10	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:56	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 14:09	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 11:11	CH	XM

Client Sample ID: C-6

Date Collected: 04/14/21 09:40

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 02:30	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:56	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 14:30	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 11:26	CH	XM

Client Sample ID: C-7

Date Collected: 04/14/21 09:42

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 02:51	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:56	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 14:52	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 11:31	CH	XM

Client Sample ID: C-8

Date Collected: 04/14/21 09:44

Date Received: 04/16/21 08:34

Lab Sample ID: 880-1340-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 01:57	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:56	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 15:14	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 11:37	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-9

Lab Sample ID: 880-1340-9

Date Collected: 04/14/21 09:46

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 02:18	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 15:36	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 11:42	CH	XM

Client Sample ID: C-10

Lab Sample ID: 880-1340-10

Date Collected: 04/14/21 09:48

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 02:38	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 15:58	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		5	2033	04/20/21 11:47	CH	XM

Client Sample ID: C-11

Lab Sample ID: 880-1340-11

Date Collected: 04/14/21 09:50

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 02:59	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 16:42	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 11:52	CH	XM

Client Sample ID: C-12

Lab Sample ID: 880-1340-12

Date Collected: 04/14/21 09:52

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 03:19	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 17:03	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 12:07	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-13

Lab Sample ID: 880-1340-13

Date Collected: 04/14/21 09:54

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 03:40	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 17:25	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 12:12	CH	XM

Client Sample ID: C-14

Lab Sample ID: 880-1340-14

Date Collected: 04/14/21 09:56

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 04:00	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 17:47	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 12:27	CH	XM

Client Sample ID: C-15

Lab Sample ID: 880-1340-15

Date Collected: 04/14/21 09:58

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 04:21	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 18:08	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 12:32	CH	XM

Client Sample ID: C-16

Lab Sample ID: 880-1340-16

Date Collected: 04/14/21 10:00

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 04:42	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 18:29	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 12:38	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-17

Lab Sample ID: 880-1340-17

Date Collected: 04/14/21 10:02

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 05:02	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 18:50	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 12:43	CH	XM

Client Sample ID: C-18

Lab Sample ID: 880-1340-18

Date Collected: 04/14/21 10:04

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 06:24	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 19:11	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 12:48	CH	XM

Client Sample ID: C-19

Lab Sample ID: 880-1340-19

Date Collected: 04/14/21 10:06

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 06:45	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 19:33	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 12:53	CH	XM

Client Sample ID: C-20

Lab Sample ID: 880-1340-20

Date Collected: 04/14/21 10:08

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1979	04/20/21 12:10	KL	XM
Total/NA	Analysis	8021B		1	2083	04/22/21 07:06	KL	XM
Total/NA	Prep	8015NM Prep			1903	04/16/21 15:57	DM	XM
Total/NA	Analysis	8015B NM		1	1958	04/19/21 19:55	AJ	XM
Soluble	Leach	DI Leach			1946	04/17/21 18:44	CH	XM
Soluble	Analysis	300.0		1	2033	04/20/21 12:58	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-21

Lab Sample ID: 880-1340-21

Date Collected: 04/14/21 10:10

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 10:52	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 11:58	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 10:37	CH	XM

Client Sample ID: C-22

Lab Sample ID: 880-1340-22

Date Collected: 04/14/21 10:12

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 11:18	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 13:03	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 10:53	CH	XM

Client Sample ID: C-23

Lab Sample ID: 880-1340-23

Date Collected: 04/14/21 10:14

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 11:44	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 13:25	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 10:58	CH	XM

Client Sample ID: C-24

Lab Sample ID: 880-1340-24

Date Collected: 04/14/21 10:16

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 12:09	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 13:47	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 11:03	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-25

Lab Sample ID: 880-1340-25

Date Collected: 04/14/21 10:18

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 12:35	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 14:09	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 11:08	CH	XM

Client Sample ID: C-26

Lab Sample ID: 880-1340-26

Date Collected: 04/14/21 10:20

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 13:01	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 14:30	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 11:23	CH	XM

Client Sample ID: C-27

Lab Sample ID: 880-1340-27

Date Collected: 04/14/21 10:22

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 13:26	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 14:52	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 11:28	CH	XM

Client Sample ID: C-28

Lab Sample ID: 880-1340-28

Date Collected: 04/14/21 10:24

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 13:51	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 15:14	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 11:33	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-29

Lab Sample ID: 880-1340-29

Date Collected: 04/14/21 10:26

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 14:17	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 15:36	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 11:39	CH	XM

Client Sample ID: C-30

Lab Sample ID: 880-1340-30

Date Collected: 04/14/21 10:28

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 14:42	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 15:58	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 11:44	CH	XM

Client Sample ID: C-31

Lab Sample ID: 880-1340-31

Date Collected: 04/14/21 10:30

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 16:25	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 16:42	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 11:49	CH	XM

Client Sample ID: C-32

Lab Sample ID: 880-1340-32

Date Collected: 04/14/21 10:32

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2005	04/19/21 15:44	MR	XM
Total/NA	Analysis	8021B		1	1973	04/19/21 21:33	MR	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 17:03	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 12:04	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-33

Lab Sample ID: 880-1340-33

Date Collected: 04/14/21 10:34

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2005	04/19/21 15:44	MR	XM
Total/NA	Analysis	8021B		1	1973	04/19/21 21:59	MR	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 17:25	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 12:09	CH	XM

Client Sample ID: C-34

Lab Sample ID: 880-1340-34

Date Collected: 04/14/21 10:36

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2005	04/19/21 15:44	MR	XM
Total/NA	Analysis	8021B		1	1973	04/19/21 22:24	MR	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 17:47	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 12:24	CH	XM

Client Sample ID: C-35

Lab Sample ID: 880-1340-35

Date Collected: 04/14/21 10:38

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 14:01	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 18:08	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 12:29	CH	XM

Client Sample ID: C-36

Lab Sample ID: 880-1340-36

Date Collected: 04/14/21 10:40

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 14:21	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 18:29	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 12:35	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-38

Lab Sample ID: 880-1340-37

Date Collected: 04/14/21 10:42

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 17:12	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 18:50	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 12:40	CH	XM

Client Sample ID: C-40

Lab Sample ID: 880-1340-38

Date Collected: 04/14/21 10:44

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 17:33	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 19:11	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 12:45	CH	XM

Client Sample ID: C-41'

Lab Sample ID: 880-1340-39

Date Collected: 04/14/21 10:46

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 17:53	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 19:33	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 12:50	CH	XM

Client Sample ID: C-41

Lab Sample ID: 880-1340-40

Date Collected: 04/14/21 10:48

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 18:14	KL	XM
Total/NA	Prep	8015NM Prep			1904	04/16/21 16:13	DM	XM
Total/NA	Analysis	8015B NM		1	1960	04/19/21 19:55	AJ	XM
Total/NA	Prep	8015NM Prep			2036	04/20/21 11:25	DM	XM
Total/NA	Analysis	8015B NM		5	2046	04/21/21 08:04	AJ	XM
Soluble	Leach	DI Leach			1947	04/17/21 18:45	CH	XM
Soluble	Analysis	300.0		1	2035	04/20/21 12:55	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-42

Lab Sample ID: 880-1340-41

Date Collected: 04/14/21 10:50

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2029	04/20/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2080	04/21/21 18:34	KL	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 18:51	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 10:15	CH	XM

Client Sample ID: C-43

Lab Sample ID: 880-1340-42

Date Collected: 04/14/21 10:52

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2005	04/19/21 15:44	MR	XM
Total/NA	Analysis	8021B		1	1973	04/20/21 10:21	MR	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 19:55	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 10:37	CH	XM

Client Sample ID: C-44

Lab Sample ID: 880-1340-43

Date Collected: 04/14/21 10:54

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2005	04/19/21 15:44	MR	XM
Total/NA	Analysis	8021B		1	1973	04/20/21 10:46	MR	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 20:17	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 10:45	CH	XM

Client Sample ID: C-45

Lab Sample ID: 880-1340-44

Date Collected: 04/14/21 10:56

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 03:11	KL	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 20:38	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 10:52	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-46

Lab Sample ID: 880-1340-45

Date Collected: 04/14/21 10:58

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 03:32	KL	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 20:59	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 11:00	CH	XM

Client Sample ID: C-47

Lab Sample ID: 880-1340-46

Date Collected: 04/14/21 11:00

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 04:53	KL	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 21:21	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 11:23	CH	XM

Client Sample ID: C-48

Lab Sample ID: 880-1340-47

Date Collected: 04/14/21 11:02

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 05:13	KL	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 21:42	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 11:28	CH	XM

Client Sample ID: C-49

Lab Sample ID: 880-1340-48

Date Collected: 04/14/21 11:04

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2005	04/19/21 15:44	MR	XM
Total/NA	Analysis	8021B		1	1973	04/20/21 12:53	MR	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 22:03	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 11:33	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Client Sample ID: C-50

Lab Sample ID: 880-1340-49

Date Collected: 04/14/21 11:06

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2005	04/19/21 15:44	MR	XM
Total/NA	Analysis	8021B		1	1973	04/20/21 13:18	MR	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 22:25	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 11:38	CH	XM

Client Sample ID: C-51

Lab Sample ID: 880-1340-50

Date Collected: 04/14/21 11:08

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2005	04/19/21 15:44	MR	XM
Total/NA	Analysis	8021B		1	1973	04/20/21 13:44	MR	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 22:46	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 11:43	CH	XM

Client Sample ID: C-52

Lab Sample ID: 880-1340-51

Date Collected: 04/14/21 11:10

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2005	04/19/21 15:44	MR	XM
Total/NA	Analysis	8021B		1	1973	04/20/21 14:10	MR	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 23:29	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 11:48	CH	XM

Client Sample ID: C-53

Lab Sample ID: 880-1340-52

Date Collected: 04/14/21 11:12

Matrix: Solid

Date Received: 04/16/21 08:34

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			1980	04/19/21 12:13	KL	XM
Total/NA	Analysis	8021B		1	2056	04/21/21 16:50	KL	XM
Total/NA	Prep	8015NM Prep			1906	04/16/21 16:28	DM	XM
Total/NA	Analysis	8015B NM		1	1921	04/17/21 23:50	AJ	XM
Soluble	Leach	DI Leach			1948	04/17/21 18:49	CH	XM
Soluble	Analysis	300.0		1	2097	04/21/21 12:03	CH	XM

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1 - 19-0180-08

Job ID: 880-1340-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-1340-1	C-1	Solid	04/14/21 09:30	04/16/21 08:34	
880-1340-2	C-2	Solid	04/14/21 09:32	04/16/21 08:34	
880-1340-3	C-3	Solid	04/14/21 09:34	04/16/21 08:34	
880-1340-4	C-4	Solid	04/14/21 09:36	04/16/21 08:34	
880-1340-5	C-5	Solid	04/14/21 09:38	04/16/21 08:34	
880-1340-6	C-6	Solid	04/14/21 09:40	04/16/21 08:34	
880-1340-7	C-7	Solid	04/14/21 09:42	04/16/21 08:34	
880-1340-8	C-8	Solid	04/14/21 09:44	04/16/21 08:34	
880-1340-9	C-9	Solid	04/14/21 09:46	04/16/21 08:34	
880-1340-10	C-10	Solid	04/14/21 09:48	04/16/21 08:34	
880-1340-11	C-11	Solid	04/14/21 09:50	04/16/21 08:34	
880-1340-12	C-12	Solid	04/14/21 09:52	04/16/21 08:34	
880-1340-13	C-13	Solid	04/14/21 09:54	04/16/21 08:34	
880-1340-14	C-14	Solid	04/14/21 09:56	04/16/21 08:34	
880-1340-15	C-15	Solid	04/14/21 09:58	04/16/21 08:34	
880-1340-16	C-16	Solid	04/14/21 10:00	04/16/21 08:34	
880-1340-17	C-17	Solid	04/14/21 10:02	04/16/21 08:34	
880-1340-18	C-18	Solid	04/14/21 10:04	04/16/21 08:34	
880-1340-19	C-19	Solid	04/14/21 10:06	04/16/21 08:34	
880-1340-20	C-20	Solid	04/14/21 10:08	04/16/21 08:34	
880-1340-21	C-21	Solid	04/14/21 10:10	04/16/21 08:34	
880-1340-22	C-22	Solid	04/14/21 10:12	04/16/21 08:34	
880-1340-23	C-23	Solid	04/14/21 10:14	04/16/21 08:34	
880-1340-24	C-24	Solid	04/14/21 10:16	04/16/21 08:34	
880-1340-25	C-25	Solid	04/14/21 10:18	04/16/21 08:34	
880-1340-26	C-26	Solid	04/14/21 10:20	04/16/21 08:34	
880-1340-27	C-27	Solid	04/14/21 10:22	04/16/21 08:34	
880-1340-28	C-28	Solid	04/14/21 10:24	04/16/21 08:34	
880-1340-29	C-29	Solid	04/14/21 10:26	04/16/21 08:34	
880-1340-30	C-30	Solid	04/14/21 10:28	04/16/21 08:34	
880-1340-31	C-31	Solid	04/14/21 10:30	04/16/21 08:34	
880-1340-32	C-32	Solid	04/14/21 10:32	04/16/21 08:34	
880-1340-33	C-33	Solid	04/14/21 10:34	04/16/21 08:34	
880-1340-34	C-34	Solid	04/14/21 10:36	04/16/21 08:34	
880-1340-35	C-35	Solid	04/14/21 10:38	04/16/21 08:34	
880-1340-36	C-36	Solid	04/14/21 10:40	04/16/21 08:34	
880-1340-37	C-38	Solid	04/14/21 10:42	04/16/21 08:34	
880-1340-38	C-40	Solid	04/14/21 10:44	04/16/21 08:34	
880-1340-39	C-41'	Solid	04/14/21 10:46	04/16/21 08:34	
880-1340-40	C-41	Solid	04/14/21 10:48	04/16/21 08:34	
880-1340-41	C-42	Solid	04/14/21 10:50	04/16/21 08:34	
880-1340-42	C-43	Solid	04/14/21 10:52	04/16/21 08:34	
880-1340-43	C-44	Solid	04/14/21 10:54	04/16/21 08:34	
880-1340-44	C-45	Solid	04/14/21 10:56	04/16/21 08:34	
880-1340-45	C-46	Solid	04/14/21 10:58	04/16/21 08:34	
880-1340-46	C-47	Solid	04/14/21 11:00	04/16/21 08:34	
880-1340-47	C-48	Solid	04/14/21 11:02	04/16/21 08:34	
880-1340-48	C-49	Solid	04/14/21 11:04	04/16/21 08:34	
880-1340-49	C-50	Solid	04/14/21 11:06	04/16/21 08:34	
880-1340-50	C-51	Solid	04/14/21 11:08	04/16/21 08:34	
880-1340-51	C-52	Solid	04/14/21 11:10	04/16/21 08:34	
880-1340-52	C-53	Solid	04/14/21 11:12	04/16/21 08:34	

Eurofins Xenco, Midland

4/22/2021

[illegible]

Varson & Associates, Inc.
Environmental Consultants

507 N. Warrenfield, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to

DATE 4/14/21 PAGE 3 OF 4
PO#: _____ LAB WORK ORDER#: _____
PROJECT LOCATION OR NAME: Bineby SAT 1
LAI PROJECT # _____ COLLECTOR TJ

TRRP report? ☐ Yes ☒ No
TIME ZONE _____
Time zone/State _____

S=SOIL
W=WATER
A=AIR
P=PAINT
SL=SLUDGE
OT=OTHER

PRELIMINARY ANALYSES
BTEX ☒ MTBE ☐
TRP 418 ☐ TPH 1005 ☐ TPH 1006 ☐
GASOLINE MOD 8015 ☒
DIESEL - MOD 8015 ☒
OIL MOD 8015 ☒
VOC 8260 ☐
SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐
8081 PESTICIDES ☐ 8151 HERBICIDES ☐
TCLP - METALS (RCRA) ☐ TCLP VOC ☐
8082 PCBs ☐ Semi-VOC ☐
TCLP - PEST ☐ HERB ☐ OTHER LIST ☐
TOTAL METALS (RCRA) ☐ D W 200 8 ☐ TCLP ☐
LEAD - TOTAL ☐ TOX ☐ FLASHPOINT ☐
TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐
pH ☐ HEXAVALENT CHROMIUM ☐ PECHLORATE ☐
EXPLOSIVES ☐ ANIONS ☐ ALKALINITY ☐
CHLORIDE ☒

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO ₃	H ₂ SO ₄ ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES	FIELD NOTES

C-31		4/14/21	1030	S	1				X		X	
C-32			1032								X	
C-33			1034								X	
C-34			1036								X	
C-35			1038									
C-36			1040									
C-38			1042									
C-38 40			1044									
C-41			1046									
C-41			1048									
C-42			1050									
C-43			1052									
C-44			1054									
C-45			1056									
C-46			1058									
TOTAL	15											

RELINQUISHED BY (Signature) _____ DATE/TIME 4/16/21 8:30 RECEIVED BY (Signature) _____
RELINQUISHED BY (Signature) _____ DATE/TIME _____ RECEIVED BY (Signature) _____
RELINQUISHED BY (Signature) _____ DATE/TIME _____ RECEIVED BY (Signature) _____
LABORATORY Xenoc TURN AROUND TIME
NORMAL ☒ 1 DAY ☐
2 DAY ☐ OTHER ☐
LABORATORY USE ONLY: RECEIVING TEMP 30/35 THERM# 128
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

1340
No 1304
CHAIN-OF-CUSTODY

Released to Imaging: 6/2/2022 9:22:02 AM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-1340-1

Login Number: 1340

List Number: 1

Creator: Kramer, Jessica

List Source: Eurofins Midland

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-1428-1

Client Project/Site: 19-0180 (Blinebry Backfill)

For:

Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
4/22/2021 2:33:29 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Laboratory Job ID: 880-1428-1

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Eurofins Xenco, Midland

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Job ID: 880-1428-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-1428-1

Comments

No additional comments.

Receipt

The samples were received on 4/20/2021 10:01 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.6° C.

GC VOA

Method 8021B: Internal standard responses were outside of acceptance limits for the following sample: S-3 0-1' (880-1428-3). The sample(s) shows evidence of matrix interference.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-1 0-1' (880-1428-1), S-3 0-1' (880-1428-3), S-4 0-1' (880-1428-4), S-5 0-1' (880-1428-5), S-6 0-1' (880-1428-6), S-8 0-1' (880-1428-8), S-9 0-1' (880-1428-9) and S-10 0-1' (880-1428-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-1 0-1'

Lab Sample ID: 880-1428-1

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 06:06	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 06:06	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 06:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/21/21 10:19	04/22/21 06:06	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 06:06	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/21/21 10:19	04/22/21 06:06	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/21/21 10:19	04/22/21 06:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	04/21/21 10:19	04/22/21 06:06	1
1,4-Difluorobenzene (Surr)	78		70 - 130	04/21/21 10:19	04/22/21 06:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 22:59	1
Diesel Range Organics (Over C10-C28)	56.3		49.9	mg/Kg		04/20/21 10:48	04/21/21 22:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 22:59	1
Total TPH	56.3		49.9	mg/Kg		04/20/21 10:48	04/21/21 22:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	52	S1-	70 - 130	04/20/21 10:48	04/21/21 22:59	1
o-Terphenyl	112		70 - 130	04/20/21 10:48	04/21/21 22:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1		4.95	mg/Kg			04/21/21 13:15	1

Client Sample ID: S-2 0-1'

Lab Sample ID: 880-1428-2

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 06:32	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 06:32	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 06:32	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/21/21 10:19	04/22/21 06:32	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 06:32	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/21/21 10:19	04/22/21 06:32	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/21/21 10:19	04/22/21 06:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	04/21/21 10:19	04/22/21 06:32	1
1,4-Difluorobenzene (Surr)	88		70 - 130	04/21/21 10:19	04/22/21 06:32	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blaineby Backfill)

Job ID: 880-1428-1

Client Sample ID: S-2 0-1'

Lab Sample ID: 880-1428-2

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/22/21 00:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/22/21 00:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/22/21 00:01	1
Total TPH	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/22/21 00:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/20/21 10:48	04/22/21 00:01	1
o-Terphenyl	121		70 - 130	04/20/21 10:48	04/22/21 00:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.83		5.00	mg/Kg			04/21/21 13:20	1

Client Sample ID: S-3 0-1'

Lab Sample ID: 880-1428-3

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 06:58	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 06:58	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 06:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/21/21 10:19	04/22/21 06:58	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 06:58	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/21/21 10:19	04/22/21 06:58	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/21/21 10:19	04/22/21 06:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	154	S1+	70 - 130	04/21/21 10:19	04/22/21 06:58	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/21/21 10:19	04/22/21 06:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/20/21 10:48	04/21/21 18:24	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/20/21 10:48	04/21/21 18:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/20/21 10:48	04/21/21 18:24	1
Total TPH	<49.8	U	49.8	mg/Kg		04/20/21 10:48	04/21/21 18:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/20/21 10:48	04/21/21 18:24	1
o-Terphenyl	111		70 - 130	04/20/21 10:48	04/21/21 18:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.65		4.96	mg/Kg			04/21/21 13:25	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-4 0-1'

Lab Sample ID: 880-1428-4

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:19	04/22/21 07:24	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:19	04/22/21 07:24	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:19	04/22/21 07:24	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		04/21/21 10:19	04/22/21 07:24	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/21/21 10:19	04/22/21 07:24	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		04/21/21 10:19	04/22/21 07:24	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		04/21/21 10:19	04/22/21 07:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130	04/21/21 10:19	04/22/21 07:24	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/21/21 10:19	04/22/21 07:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 18:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 18:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 18:45	1
Total TPH	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 18:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	04/20/21 10:48	04/21/21 18:45	1
o-Terphenyl	120		70 - 130	04/20/21 10:48	04/21/21 18:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.57		5.04	mg/Kg			04/21/21 13:41	1

Client Sample ID: S-5 0-1'

Lab Sample ID: 880-1428-5

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 07:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 07:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 07:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/21/21 10:19	04/22/21 07:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 07:50	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/21/21 10:19	04/22/21 07:50	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/21/21 10:19	04/22/21 07:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	04/21/21 10:19	04/22/21 07:50	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/21/21 10:19	04/22/21 07:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-5 0-1'

Lab Sample ID: 880-1428-5

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:06	1
Total TPH	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/20/21 10:48	04/21/21 19:06	1
o-Terphenyl	116		70 - 130	04/20/21 10:48	04/21/21 19:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.22		5.03	mg/Kg			04/21/21 13:46	1

Client Sample ID: S-6 0-1'

Lab Sample ID: 880-1428-6

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/21/21 10:19	04/22/21 08:16	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/21/21 10:19	04/22/21 08:16	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/21/21 10:19	04/22/21 08:16	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/21/21 10:19	04/22/21 08:16	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/21/21 10:19	04/22/21 08:16	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/21/21 10:19	04/22/21 08:16	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/21/21 10:19	04/22/21 08:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	161	S1+	70 - 130	04/21/21 10:19	04/22/21 08:16	1
1,4-Difluorobenzene (Surr)	113		70 - 130	04/21/21 10:19	04/22/21 08:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:28	1
Total TPH	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130	04/20/21 10:48	04/21/21 19:28	1
o-Terphenyl	123		70 - 130	04/20/21 10:48	04/21/21 19:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.24		5.05	mg/Kg			04/21/21 14:26	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-7 0-1'

Lab Sample ID: 880-1428-7

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 08:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 08:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 08:41	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/21/21 10:19	04/22/21 08:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 08:41	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/21/21 10:19	04/22/21 08:41	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/21/21 10:19	04/22/21 08:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	04/21/21 10:19	04/22/21 08:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/21/21 10:19	04/22/21 08:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:49	1
Total TPH	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 19:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	04/20/21 10:48	04/21/21 19:49	1
o-Terphenyl	113		70 - 130	04/20/21 10:48	04/21/21 19:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.63		5.05	mg/Kg			04/21/21 14:31	1

Client Sample ID: S-8 0-1'

Lab Sample ID: 880-1428-8

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 09:07	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 09:07	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 09:07	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/21/21 10:19	04/22/21 09:07	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:19	04/22/21 09:07	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/21/21 10:19	04/22/21 09:07	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/21/21 10:19	04/22/21 09:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	04/21/21 10:19	04/22/21 09:07	1
1,4-Difluorobenzene (Surr)	77		70 - 130	04/21/21 10:19	04/22/21 09:07	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-8 0-1'

Lab Sample ID: 880-1428-8

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 20:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 20:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 20:10	1
Total TPH	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 20:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	04/20/21 10:48	04/21/21 20:10	1
o-Terphenyl	111		70 - 130	04/20/21 10:48	04/21/21 20:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.64		5.00	mg/Kg			04/21/21 14:37	1

Client Sample ID: S-9 0-1'

Lab Sample ID: 880-1428-9

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/21/21 10:19	04/22/21 09:33	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/21/21 10:19	04/22/21 09:33	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/21/21 10:19	04/22/21 09:33	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/21/21 10:19	04/22/21 09:33	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/21/21 10:19	04/22/21 09:33	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/21/21 10:19	04/22/21 09:33	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/21/21 10:19	04/22/21 09:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	164	S1+	70 - 130	04/21/21 10:19	04/22/21 09:33	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/21/21 10:19	04/22/21 09:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 20:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 20:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 20:31	1
Total TPH	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 20:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	04/20/21 10:48	04/21/21 20:31	1
o-Terphenyl	124		70 - 130	04/20/21 10:48	04/21/21 20:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.09		4.98	mg/Kg			04/21/21 14:42	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-10 0-1'

Lab Sample ID: 880-1428-10

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00000000 000202	U	0.00000000 0000202	mg/Kg		04/21/21 10:19	04/22/21 09:58	1
Toluene	<0.00000000 000202	U	0.00000000 0000202	mg/Kg		04/21/21 10:19	04/22/21 09:58	1
Ethylbenzene	<0.00000000 000202	U	0.00000000 0000202	mg/Kg		04/21/21 10:19	04/22/21 09:58	1
m-Xylene & p-Xylene	<0.00000000 000403	U	0.00000000 0000403	mg/Kg		04/21/21 10:19	04/22/21 09:58	1
o-Xylene	<0.00000000 000202	U	0.00000000 0000202	mg/Kg		04/21/21 10:19	04/22/21 09:58	1
Xylenes, Total	<0.00000000 000403	U	0.00000000 0000403	mg/Kg		04/21/21 10:19	04/22/21 09:58	1
Total BTEX	<0.00000000 000403	U	0.00000000 0000403	mg/Kg		04/21/21 10:19	04/22/21 09:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	162	S1+	70 - 130			04/21/21 10:19	04/22/21 09:58	1
1,4-Difluorobenzene (Surr)	107		70 - 130			04/21/21 10:19	04/22/21 09:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 20:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 20:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 20:52	1
Total TPH	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 20:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			04/20/21 10:48	04/21/21 20:52	1
o-Terphenyl	123		70 - 130			04/20/21 10:48	04/21/21 20:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.13		4.97	mg/Kg			04/21/21 14:47	1

Client Sample ID: S-11 0-1'

Lab Sample ID: 880-1428-11

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 00:28	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 00:28	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 00:28	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/21/21 10:24	04/22/21 00:28	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 00:28	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/21/21 10:24	04/22/21 00:28	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/21/21 10:24	04/22/21 00:28	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-11 0-1'

Lab Sample ID: 880-1428-11

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/21/21 10:24	04/22/21 00:28	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/21/21 10:24	04/22/21 00:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 21:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 21:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 21:34	1
Total TPH	<49.9	U	49.9	mg/Kg		04/20/21 10:48	04/21/21 21:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	04/20/21 10:48	04/21/21 21:34	1
o-Terphenyl	120		70 - 130	04/20/21 10:48	04/21/21 21:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.45		4.95	mg/Kg			04/21/21 14:52	1

Client Sample ID: S-12 0-1'

Lab Sample ID: 880-1428-12

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 00:48	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 00:48	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 00:48	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/21/21 10:24	04/22/21 00:48	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/21/21 10:24	04/22/21 00:48	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/21/21 10:24	04/22/21 00:48	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/21/21 10:24	04/22/21 00:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/21/21 10:24	04/22/21 00:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130	04/21/21 10:24	04/22/21 00:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/20/21 10:48	04/21/21 21:55	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/20/21 10:48	04/21/21 21:55	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/20/21 10:48	04/21/21 21:55	1
Total TPH	<49.8	U	49.8	mg/Kg		04/20/21 10:48	04/21/21 21:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	04/20/21 10:48	04/21/21 21:55	1
o-Terphenyl	130		70 - 130	04/20/21 10:48	04/21/21 21:55	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-12 0-1'
Date Collected: 04/19/21 00:00
Date Received: 04/20/21 10:01
Sample Depth: 0 - 1

Lab Sample ID: 880-1428-12
Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble									
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Chloride	6.59		5.00	mg/Kg			04/21/21 14:57	1	

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-1427-A-12-C MS	Matrix Spike	147 S1+	99
880-1427-A-12-D MSD	Matrix Spike Duplicate	132 S1+	97
880-1428-1	S-1 0-1'	137 S1+	78
880-1428-2	S-2 0-1'	123	88
880-1428-3	S-3 0-1'	154 S1+	102
880-1428-4	S-4 0-1'	133 S1+	92
880-1428-5	S-5 0-1'	153 S1+	103
880-1428-6	S-6 0-1'	161 S1+	113
880-1428-7	S-7 0-1'	147 S1+	99
880-1428-8	S-8 0-1'	125	77
880-1428-9	S-9 0-1'	164 S1+	107
880-1428-10	S-10 0-1'	162 S1+	107
880-1428-11	S-11 0-1'	96	96
880-1428-11 MS	S-11 0-1'	108	102
880-1428-11 MSD	S-11 0-1'	105	102
880-1428-12	S-12 0-1'	93	94
LCS 880-2087/1-A	Lab Control Sample	132 S1+	89
LCS 880-2088/1-A	Lab Control Sample	107	100
LCSD 880-2087/2-A	Lab Control Sample Dup	142 S1+	99
LCSD 880-2088/2-A	Lab Control Sample Dup	110	101
MB 880-2085/5-A	Method Blank	87	92
MB 880-2087/5-A	Method Blank	93	85
MB 880-2088/5-A	Method Blank	87	90
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-1428-1	S-1 0-1'	52 S1-	112
880-1428-1 MS	S-1 0-1'	111	105
880-1428-1 MSD	S-1 0-1'	114	112
880-1428-2	S-2 0-1'	110	121
880-1428-3	S-3 0-1'	107	111
880-1428-4	S-4 0-1'	110	120
880-1428-5	S-5 0-1'	107	116
880-1428-6	S-6 0-1'	113	123
880-1428-7	S-7 0-1'	106	113
880-1428-8	S-8 0-1'	103	111
880-1428-9	S-9 0-1'	109	124
880-1428-10	S-10 0-1'	109	123
880-1428-11	S-11 0-1'	111	120
880-1428-12	S-12 0-1'	116	130
LCS 880-2030/2-A	Lab Control Sample	108	114
LCSD 880-2030/3-A	Lab Control Sample Dup	108	116

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.

Job ID: 880-1428-1

Project/Site: 19-0180 (Blinebry Backfill)

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)				
MB 880-2030/1-A	Method Blank	102	119				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-2085/5-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2085

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/21/21 10:10	04/21/21 13:15	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/21/21 10:10	04/21/21 13:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	04/21/21 10:10	04/21/21 13:15	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/21/21 10:10	04/21/21 13:15	1

Lab Sample ID: MB 880-2087/5-A

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2087

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 00:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 00:06	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 00:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/21/21 10:19	04/22/21 00:06	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:19	04/22/21 00:06	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/21/21 10:19	04/22/21 00:06	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/21/21 10:19	04/22/21 00:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/21/21 10:19	04/22/21 00:06	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/21/21 10:19	04/22/21 00:06	1

Lab Sample ID: LCS 880-2087/1-A

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2087

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1140		mg/Kg		114	70 - 130
Toluene	0.100	0.1050		mg/Kg		105	70 - 130
Ethylbenzene	0.100	0.1076		mg/Kg		108	70 - 130
m-Xylene & p-Xylene	0.200	0.2208		mg/Kg		110	70 - 130
o-Xylene	0.100	0.1230		mg/Kg		123	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

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

Lab Sample ID: LCSD 880-2087/2-A

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2087

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1094		mg/Kg		109	70 - 130	4	35
Toluene	0.100	0.1218		mg/Kg		122	70 - 130	15	35
Ethylbenzene	0.100	0.1078		mg/Kg		108	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2202		mg/Kg		110	70 - 130	0	35
o-Xylene	0.100	0.1250		mg/Kg		125	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-1427-A-12-C MS

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 2087

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0996	0.1265		mg/Kg		127	70 - 130		
Toluene	<0.00199	U F1	0.0996	0.1381	F1	mg/Kg		139	70 - 130		
Ethylbenzene	<0.00199	U	0.0996	0.1221		mg/Kg		123	70 - 130		
m-Xylene & p-Xylene	<0.00398	U	0.199	0.2488		mg/Kg		124	70 - 130		
o-Xylene	<0.00199	U F1	0.0996	0.1389	F1	mg/Kg		139	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-1427-A-12-D MSD

Matrix: Solid

Analysis Batch: 2056

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 2087

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.0998	0.1160		mg/Kg		116	70 - 130	9	35
Toluene	<0.00199	U F1	0.0998	0.1172		mg/Kg		117	70 - 130	16	35
Ethylbenzene	<0.00199	U	0.0998	0.1099		mg/Kg		110	70 - 130	11	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.2234		mg/Kg		111	70 - 130	11	35
o-Xylene	<0.00199	U F1	0.0998	0.1250		mg/Kg		125	70 - 130	11	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	132	S1+	70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-2088/5-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2088

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 00:06	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

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

Lab Sample ID: MB 880-2088/5-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2088

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/21/21 10:24	04/22/21 00:06	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/21/21 10:24	04/22/21 00:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	87		70 - 130	04/21/21 10:24	04/22/21 00:06	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/21/21 10:24	04/22/21 00:06	1

Lab Sample ID: LCS 880-2088/1-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2088

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1035		mg/Kg		104	70 - 130
Toluene	0.100	0.09777		mg/Kg		98	70 - 130
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	0.200	0.2162		mg/Kg		108	70 - 130
o-Xylene	0.100	0.1097		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-2088/2-A

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2088

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1018		mg/Kg		102	70 - 130	2	35
Toluene	0.100	0.09706		mg/Kg		97	70 - 130	1	35
Ethylbenzene	0.100	0.1003		mg/Kg		100	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2144		mg/Kg		107	70 - 130	1	35
o-Xylene	0.100	0.1080		mg/Kg		108	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: 880-1428-11 MS

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: S-11 0-1'

Prep Type: Total/NA

Prep Batch: 2088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0992	0.09287		mg/Kg		94	70 - 130
Toluene	<0.00199	U	0.0992	0.08671		mg/Kg		87	70 - 130
Ethylbenzene	<0.00199	U	0.0992	0.08711		mg/Kg		88	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.198	0.1794		mg/Kg		90	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

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

Lab Sample ID: 880-1428-11 MS

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: S-11 0-1'

Prep Type: Total/NA

Prep Batch: 2088

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	<0.00199	U	0.0992	0.09119		mg/Kg		92	70 - 130
Surrogate	%Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	108		70 - 130						
1,4-Difluorobenzene (Surr)	102		70 - 130						

Lab Sample ID: 880-1428-11 MSD

Matrix: Solid

Analysis Batch: 2084

Client Sample ID: S-11 0-1'

Prep Type: Total/NA

Prep Batch: 2088

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09477		mg/Kg		95	70 - 130	2	35
Toluene	<0.00199	U	0.100	0.08720		mg/Kg		87	70 - 130	1	35
Ethylbenzene	<0.00199	U	0.100	0.08765		mg/Kg		88	70 - 130	1	35
m-Xylene & p-Xylene	<0.00398	U	0.200	0.1805		mg/Kg		90	70 - 130	1	35
o-Xylene	<0.00199	U	0.100	0.09137		mg/Kg		91	70 - 130	0	35
Surrogate	%Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	105		70 - 130								
1,4-Difluorobenzene (Surr)	102		70 - 130								

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

Lab Sample ID: MB 880-2030/1-A

Matrix: Solid

Analysis Batch: 2089

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2030

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 15:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 15:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 15:58	1
Total TPH	<50.0	U	50.0	mg/Kg		04/20/21 10:48	04/21/21 15:58	1
Surrogate	%Recovery	MB Qualifier	MB Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			04/20/21 10:48	04/21/21 15:58	1
o-Terphenyl	119		70 - 130			04/20/21 10:48	04/21/21 15:58	1

Lab Sample ID: LCS 880-2030/2-A

Matrix: Solid

Analysis Batch: 2089

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2030

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1210		mg/Kg		121	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1177		mg/Kg		118	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

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

Lab Sample ID: LCS 880-2030/2-A

Matrix: Solid

Analysis Batch: 2089

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2030

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	114		70 - 130

Lab Sample ID: LCSD 880-2030/3-A

Matrix: Solid

Analysis Batch: 2089

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2030

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1191		mg/Kg		119	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1183		mg/Kg		118	70 - 130	0	20

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	108		70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: 880-1428-1 MS

Matrix: Solid

Analysis Batch: 2089

Client Sample ID: S-1 0-1'

Prep Type: Total/NA

Prep Batch: 2030

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1170		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)	56.3		998	1208		mg/Kg		115	70 - 130		

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: 880-1428-1 MSD

Matrix: Solid

Analysis Batch: 2089

Client Sample ID: S-1 0-1'

Prep Type: Total/NA

Prep Batch: 2030

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1177		mg/Kg		113	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	56.3		998	1254		mg/Kg		120	70 - 130	4	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	114		70 - 130
o-Terphenyl	112		70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-2039/1-A

Matrix: Solid

Analysis Batch: 2099

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/21/21 11:59	1

Lab Sample ID: LCS 880-2039/2-A

Matrix: Solid

Analysis Batch: 2099

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253.4		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-2039/3-A

Matrix: Solid

Analysis Batch: 2099

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	253.3		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-1428-3 MS

Matrix: Solid

Analysis Batch: 2099

Client Sample ID: S-3 0-1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	6.65		248	257.4		mg/Kg		101	90 - 110

Lab Sample ID: 880-1428-3 MSD

Matrix: Solid

Analysis Batch: 2099

Client Sample ID: S-3 0-1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.65		248	260.7		mg/Kg		102	90 - 110	1	20

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

GC VOA

Analysis Batch: 2056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1428-1	S-1 0-1'	Total/NA	Solid	8021B	2087
880-1428-2	S-2 0-1'	Total/NA	Solid	8021B	2087
880-1428-3	S-3 0-1'	Total/NA	Solid	8021B	2087
880-1428-4	S-4 0-1'	Total/NA	Solid	8021B	2087
880-1428-5	S-5 0-1'	Total/NA	Solid	8021B	2087
880-1428-6	S-6 0-1'	Total/NA	Solid	8021B	2087
880-1428-7	S-7 0-1'	Total/NA	Solid	8021B	2087
880-1428-8	S-8 0-1'	Total/NA	Solid	8021B	2087
880-1428-9	S-9 0-1'	Total/NA	Solid	8021B	2087
880-1428-10	S-10 0-1'	Total/NA	Solid	8021B	2087
MB 880-2087/5-A	Method Blank	Total/NA	Solid	8021B	2087
LCS 880-2087/1-A	Lab Control Sample	Total/NA	Solid	8021B	2087
LCSD 880-2087/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2087
880-1427-A-12-C MS	Matrix Spike	Total/NA	Solid	8021B	2087
880-1427-A-12-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	2087

Analysis Batch: 2084

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1428-11	S-11 0-1'	Total/NA	Solid	8021B	2088
880-1428-12	S-12 0-1'	Total/NA	Solid	8021B	2088
MB 880-2085/5-A	Method Blank	Total/NA	Solid	8021B	2085
MB 880-2088/5-A	Method Blank	Total/NA	Solid	8021B	2088
LCS 880-2088/1-A	Lab Control Sample	Total/NA	Solid	8021B	2088
LCSD 880-2088/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2088
880-1428-11 MS	S-11 0-1'	Total/NA	Solid	8021B	2088
880-1428-11 MSD	S-11 0-1'	Total/NA	Solid	8021B	2088

Prep Batch: 2085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-2085/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 2087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1428-1	S-1 0-1'	Total/NA	Solid	5035	
880-1428-2	S-2 0-1'	Total/NA	Solid	5035	
880-1428-3	S-3 0-1'	Total/NA	Solid	5035	
880-1428-4	S-4 0-1'	Total/NA	Solid	5035	
880-1428-5	S-5 0-1'	Total/NA	Solid	5035	
880-1428-6	S-6 0-1'	Total/NA	Solid	5035	
880-1428-7	S-7 0-1'	Total/NA	Solid	5035	
880-1428-8	S-8 0-1'	Total/NA	Solid	5035	
880-1428-9	S-9 0-1'	Total/NA	Solid	5035	
880-1428-10	S-10 0-1'	Total/NA	Solid	5035	
MB 880-2087/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2087/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2087/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1427-A-12-C MS	Matrix Spike	Total/NA	Solid	5035	
880-1427-A-12-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

GC VOA

Prep Batch: 2088

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1428-11	S-11 0-1'	Total/NA	Solid	5035	
880-1428-12	S-12 0-1'	Total/NA	Solid	5035	
MB 880-2088/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2088/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2088/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1428-11 MS	S-11 0-1'	Total/NA	Solid	5035	
880-1428-11 MSD	S-11 0-1'	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 2030

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1428-1	S-1 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-2	S-2 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-3	S-3 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-4	S-4 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-5	S-5 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-6	S-6 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-7	S-7 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-8	S-8 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-9	S-9 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-10	S-10 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-11	S-11 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-12	S-12 0-1'	Total/NA	Solid	8015NM Prep	
MB 880-2030/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2030/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2030/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1428-1 MS	S-1 0-1'	Total/NA	Solid	8015NM Prep	
880-1428-1 MSD	S-1 0-1'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 2089

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1428-1	S-1 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-2	S-2 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-3	S-3 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-4	S-4 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-5	S-5 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-6	S-6 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-7	S-7 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-8	S-8 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-9	S-9 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-10	S-10 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-11	S-11 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-12	S-12 0-1'	Total/NA	Solid	8015B NM	2030
MB 880-2030/1-A	Method Blank	Total/NA	Solid	8015B NM	2030
LCS 880-2030/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2030
LCSD 880-2030/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2030
880-1428-1 MS	S-1 0-1'	Total/NA	Solid	8015B NM	2030
880-1428-1 MSD	S-1 0-1'	Total/NA	Solid	8015B NM	2030

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

HPLC/IC

Leach Batch: 2039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1428-1	S-1 0-1'	Soluble	Solid	DI Leach	
880-1428-2	S-2 0-1'	Soluble	Solid	DI Leach	
880-1428-3	S-3 0-1'	Soluble	Solid	DI Leach	
880-1428-4	S-4 0-1'	Soluble	Solid	DI Leach	
880-1428-5	S-5 0-1'	Soluble	Solid	DI Leach	
880-1428-6	S-6 0-1'	Soluble	Solid	DI Leach	
880-1428-7	S-7 0-1'	Soluble	Solid	DI Leach	
880-1428-8	S-8 0-1'	Soluble	Solid	DI Leach	
880-1428-9	S-9 0-1'	Soluble	Solid	DI Leach	
880-1428-10	S-10 0-1'	Soluble	Solid	DI Leach	
880-1428-11	S-11 0-1'	Soluble	Solid	DI Leach	
880-1428-12	S-12 0-1'	Soluble	Solid	DI Leach	
MB 880-2039/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2039/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2039/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1428-3 MS	S-3 0-1'	Soluble	Solid	DI Leach	
880-1428-3 MSD	S-3 0-1'	Soluble	Solid	DI Leach	

Analysis Batch: 2099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1428-1	S-1 0-1'	Soluble	Solid	300.0	2039
880-1428-2	S-2 0-1'	Soluble	Solid	300.0	2039
880-1428-3	S-3 0-1'	Soluble	Solid	300.0	2039
880-1428-4	S-4 0-1'	Soluble	Solid	300.0	2039
880-1428-5	S-5 0-1'	Soluble	Solid	300.0	2039
880-1428-6	S-6 0-1'	Soluble	Solid	300.0	2039
880-1428-7	S-7 0-1'	Soluble	Solid	300.0	2039
880-1428-8	S-8 0-1'	Soluble	Solid	300.0	2039
880-1428-9	S-9 0-1'	Soluble	Solid	300.0	2039
880-1428-10	S-10 0-1'	Soluble	Solid	300.0	2039
880-1428-11	S-11 0-1'	Soluble	Solid	300.0	2039
880-1428-12	S-12 0-1'	Soluble	Solid	300.0	2039
MB 880-2039/1-A	Method Blank	Soluble	Solid	300.0	2039
LCS 880-2039/2-A	Lab Control Sample	Soluble	Solid	300.0	2039
LCSD 880-2039/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2039
880-1428-3 MS	S-3 0-1'	Soluble	Solid	300.0	2039
880-1428-3 MSD	S-3 0-1'	Soluble	Solid	300.0	2039

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-1 0-1'

Lab Sample ID: 880-1428-1

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2087	04/21/21 10:19	KL	XM
Total/NA	Analysis	8021B		1	2056	04/22/21 06:06	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 22:59	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 13:15	CH	XM

Client Sample ID: S-2 0-1'

Lab Sample ID: 880-1428-2

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2087	04/21/21 10:19	KL	XM
Total/NA	Analysis	8021B		1	2056	04/22/21 06:32	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/22/21 00:01	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 13:20	CH	XM

Client Sample ID: S-3 0-1'

Lab Sample ID: 880-1428-3

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2087	04/21/21 10:19	KL	XM
Total/NA	Analysis	8021B		1	2056	04/22/21 06:58	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 18:24	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 13:25	CH	XM

Client Sample ID: S-4 0-1'

Lab Sample ID: 880-1428-4

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2087	04/21/21 10:19	KL	XM
Total/NA	Analysis	8021B		1	2056	04/22/21 07:24	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 18:45	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 13:41	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-5 0-1'

Lab Sample ID: 880-1428-5

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2087	04/21/21 10:19	KL	XM
Total/NA	Analysis	8021B		1	2056	04/22/21 07:50	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 19:06	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 13:46	CH	XM

Client Sample ID: S-6 0-1'

Lab Sample ID: 880-1428-6

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2087	04/21/21 10:19	KL	XM
Total/NA	Analysis	8021B		1	2056	04/22/21 08:16	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 19:28	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 14:26	CH	XM

Client Sample ID: S-7 0-1'

Lab Sample ID: 880-1428-7

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2087	04/21/21 10:19	KL	XM
Total/NA	Analysis	8021B		1	2056	04/22/21 08:41	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 19:49	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 14:31	CH	XM

Client Sample ID: S-8 0-1'

Lab Sample ID: 880-1428-8

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2087	04/21/21 10:19	KL	XM
Total/NA	Analysis	8021B		1	2056	04/22/21 09:07	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 20:10	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 14:37	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Client Sample ID: S-9 0-1'

Lab Sample ID: 880-1428-9

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2087	04/21/21 10:19	KL	XM
Total/NA	Analysis	8021B		1	2056	04/22/21 09:33	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 20:31	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 14:42	CH	XM

Client Sample ID: S-10 0-1'

Lab Sample ID: 880-1428-10

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2087	04/21/21 10:19	KL	XM
Total/NA	Analysis	8021B		1	2056	04/22/21 09:58	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 20:52	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 14:47	CH	XM

Client Sample ID: S-11 0-1'

Lab Sample ID: 880-1428-11

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 00:28	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 21:34	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 14:52	CH	XM

Client Sample ID: S-12 0-1'

Lab Sample ID: 880-1428-12

Date Collected: 04/19/21 00:00

Matrix: Solid

Date Received: 04/20/21 10:01

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2088	04/21/21 10:24	KL	XM
Total/NA	Analysis	8021B		1	2084	04/22/21 00:48	KL	XM
Total/NA	Prep	8015NM Prep			2030	04/20/21 10:48	DM	XM
Total/NA	Analysis	8015B NM		1	2089	04/21/21 21:55	AJ	XM
Soluble	Leach	DI Leach			2039	04/20/21 11:47	CH	XM
Soluble	Analysis	300.0		1	2099	04/21/21 14:57	CH	XM

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: 19-0180 (Blinebry Backfill)

Job ID: 880-1428-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-1428-1	S-1 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-2	S-2 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-3	S-3 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-4	S-4 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-5	S-5 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-6	S-6 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-7	S-7 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-8	S-8 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-9	S-9 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-10	S-10 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-11	S-11 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	
880-1428-12	S-12 0-1'	Solid	04/19/21 00:00	04/20/21 10:01	

Eurofins Xenco, Midland

Varson & Associates, Inc.
Environmental Consultants

880-1428 Chain of Custody

Midland, TX 79701
432-687-0901

200

DATE: 4/19/21

PO#:

LAB WORK ORDER#:

PAGE 1 OF 1

PROJECT LOCATION OR NAME:

19-0180-08 (Bicycle track)

LAI PROJECT #: 19-0180-08

COLLECTOR: TJS

4/22/2021

Data Reported to:

TRRP report?
☐ Yes ☒ No

S=SOIL
W=WATER
A=AIR
P=PAINT
SL=SLUDGE
OT=OTHER

TIME ZONE
Time zone/State
MST

Field
Sample ID

Lab #

Date

Time

Matrix

of Containers

HCl

HNO₃H₂SO₄ ☐ NaOH ☐

ICE

UNPRESERVED

ANALYSES

BTEX-MTBE ☐TRPH 418 1 ☐GASOLINE MOD 8015 ☐DIESEL - MOD 8015 ☐OIL - MOD 8015 ☐VOC 8260 ☐SVOC 8270 ☐8081 PESTICIDES ☐8082 PESTICIDES ☐TBLP - METALS (RCRA) ☐TCLP - METALS (RCRA) ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL (RCRA) ☐RCI ☐TOX ☐TDS ☐TSS ☐pH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐TCLP ☐Flashpoint ☐% Moisture ☐HEXAVALENT CHROMIUM ☐PECHLORATE ☐

FIELD NOTES

Field Sample ID	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO ₃	H ₂ SO ₄ ☐	NaOH ☐	ICE	UNPRESERVED	ANALYSES	FIELD NOTES
S-1 0-1'		4/19/21		S	1					X		BTEX-MTBE ☐	
S-2 0-1'												TRPH 418 1 ☐	
S-3 0-1'												GASOLINE MOD 8015 ☐	
S-4 0-1'												DIESEL - MOD 8015 ☐	
S-5 0-1'												OIL - MOD 8015 ☐	
S-6 0-1'												VOC 8260 ☐	
S-7 0-1'												SVOC 8270 ☐	
S-8 0-1'												8081 PESTICIDES ☐	
S-9 0-1'												8082 PESTICIDES ☐	
S-10 0-1'												TBLP - METALS (RCRA) ☐	
S-11 0-1'												TCLP - METALS (RCRA) ☐	
S-12 0-1'												TOTAL METALS (RCRA) ☐	
												LEAD - TOTAL (RCRA) ☐	
												RCI ☐	
												TOX ☐	
												TDS ☐	
												TSS ☐	
												pH ☐	
												EXPLOSIVES ☐	
												CHLORIDES ☐	
												ANIONS ☐	
												ALKALINITY ☐	
												CYANIDE ☐	
												OTHER LIST ☐	
												TCLP ☐	
												Flashpoint ☐	
												% Moisture ☐	
												HEXAVALENT CHROMIUM ☐	
												PECHLORATE ☐	
												FIELD NOTES	

TOTAL 12

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RECEIVING TEMP

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RECEIVING TEMP

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RECEIVING TEMP

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED

LABORATORY XENCO

TURN AROUND TIME

LABORATORY USE ONLY:

RECEIVING TEMP

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-1428-1

Login Number: 1428

List Source: Eurofins Midland

List Number: 1

Creator: Phillips, Kerianna

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-1544-1
Laboratory Sample Delivery Group: NM
Client Project/Site: Blinebry SAT1 190180-08

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
4/29/2021 5:25:06 PM

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Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Laboratory Job ID: 880-1544-1
SDG: NM

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Glossary (Continued)

Abbreviation **These commonly used abbreviations may or may not be present in this report.**

TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Job ID: 880-1544-1

Laboratory: Eurofins Xenco, Midland

Narrative**Job Narrative
880-1544-1****Comments**

No additional comments.

Receipt

The samples were received on 4/23/2021 8:36 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.4° C.

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-96 2' (880-1544-43), C-97 2' (880-1544-44), CS-99 2' (880-1544-46), C-100 2' (880-1544-47), C-102 2' (880-1544-49), C-104 2' (880-1544-51), C-105 2' (880-1544-52), C-109 2' (880-1544-56), C-111 2' (880-1544-58), C-113 2' (880-1544-60), (880-1544-A-41-J MS) and (880-1544-A-41-K MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: C-152 4' SW (880-1544-99). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-75 4' (880-1544-22), C-80 4' SW (880-1544-27), C-81 4' SW (880-1544-28), C-86 2' (880-1544-33), C-87 2' (880-1544-34), C-90 2' (880-1544-37), C-91 2' (880-1544-38) and C-93 2' (880-1544-40). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-2338 and analytical batch 880-2315 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

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

GC Semi VOA

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-54 4'

Lab Sample ID: 880-1544-1

Date Collected: 04/21/21 13:38

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/23/21 10:31	04/23/21 21:21	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/23/21 10:31	04/23/21 21:21	1
Ethylbenzene	0.00869		0.00201	mg/Kg		04/23/21 10:31	04/23/21 21:21	1
m-Xylene & p-Xylene	0.0643		0.00402	mg/Kg		04/23/21 10:31	04/23/21 21:21	1
o-Xylene	0.0228		0.00201	mg/Kg		04/23/21 10:31	04/23/21 21:21	1
Xylenes, Total	0.0871		0.00402	mg/Kg		04/23/21 10:31	04/23/21 21:21	1
Total BTEX	0.0958		0.00402	mg/Kg		04/23/21 10:31	04/23/21 21:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	153	S1+	70 - 130	04/23/21 10:31	04/23/21 21:21	1
1,4-Difluorobenzene (Surr)	75		70 - 130	04/23/21 10:31	04/23/21 21:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 13:49	1
Diesel Range Organics (Over C10-C28)	819		49.9	mg/Kg		04/23/21 10:18	04/23/21 13:49	1
Oil Range Organics (Over C28-C36)	211		49.9	mg/Kg		04/23/21 10:18	04/23/21 13:49	1
Total TPH	1030		49.9	mg/Kg		04/23/21 10:18	04/23/21 13:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	04/23/21 10:18	04/23/21 13:49	1
o-Terphenyl	94		70 - 130	04/23/21 10:18	04/23/21 13:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	366	F1	5.04	mg/Kg			04/28/21 05:41	1

Client Sample ID: C-55 4'

Lab Sample ID: 880-1544-2

Date Collected: 04/21/21 13:26

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 17:57	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 17:57	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 17:57	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/23/21 10:31	04/23/21 17:57	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 17:57	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/23/21 10:31	04/23/21 17:57	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/23/21 10:31	04/23/21 17:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/23/21 10:31	04/23/21 17:57	1
1,4-Difluorobenzene (Surr)	86		70 - 130	04/23/21 10:31	04/23/21 17:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 14:54	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-55 4'

Lab Sample ID: 880-1544-2

Date Collected: 04/21/21 13:26

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 14:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 14:54	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 14:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130			04/23/21 10:18	04/23/21 14:54	1
o-Terphenyl	93		70 - 130			04/23/21 10:18	04/23/21 14:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	23.7		5.03	mg/Kg			04/28/21 05:57	1

Client Sample ID: C-56 4'

Lab Sample ID: 880-1544-3

Date Collected: 04/21/21 13:24

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 10:31	04/23/21 18:22	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 10:31	04/23/21 18:22	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 10:31	04/23/21 18:22	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 10:31	04/23/21 18:22	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 10:31	04/23/21 18:22	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 10:31	04/23/21 18:22	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 10:31	04/23/21 18:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			04/23/21 10:31	04/23/21 18:22	1
1,4-Difluorobenzene (Surr)	100		70 - 130			04/23/21 10:31	04/23/21 18:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 10:18	04/23/21 15:15	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/23/21 10:18	04/23/21 15:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 10:18	04/23/21 15:15	1
Total TPH	<49.8	U	49.8	mg/Kg		04/23/21 10:18	04/23/21 15:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130			04/23/21 10:18	04/23/21 15:15	1
o-Terphenyl	96		70 - 130			04/23/21 10:18	04/23/21 15:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	50.9		5.05	mg/Kg			04/28/21 06:03	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-57 4'

Lab Sample ID: 880-1544-4

Date Collected: 04/21/21 13:22

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 18:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 18:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 18:48	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/23/21 10:31	04/23/21 18:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 18:48	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/23/21 10:31	04/23/21 18:48	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/23/21 10:31	04/23/21 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	04/23/21 10:31	04/23/21 18:48	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/23/21 10:31	04/23/21 18:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 15:37	1
Diesel Range Organics (Over C10-C28)	326		49.9	mg/Kg		04/23/21 10:18	04/23/21 15:37	1
Oil Range Organics (Over C28-C36)	74.3		49.9	mg/Kg		04/23/21 10:18	04/23/21 15:37	1
Total TPH	400		49.9	mg/Kg		04/23/21 10:18	04/23/21 15:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	04/23/21 10:18	04/23/21 15:37	1
o-Terphenyl	98		70 - 130	04/23/21 10:18	04/23/21 15:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.3		5.02	mg/Kg			04/28/21 06:19	1

Client Sample ID: C-58 4'

Lab Sample ID: 880-1544-5

Date Collected: 04/21/21 13:20

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/23/21 10:31	04/23/21 19:13	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/23/21 10:31	04/23/21 19:13	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/23/21 10:31	04/23/21 19:13	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/23/21 10:31	04/23/21 19:13	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/23/21 10:31	04/23/21 19:13	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/23/21 10:31	04/23/21 19:13	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		04/23/21 10:31	04/23/21 19:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/23/21 10:31	04/23/21 19:13	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/23/21 10:31	04/23/21 19:13	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 15:59	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-58 4'

Lab Sample ID: 880-1544-5

Date Collected: 04/21/21 13:20

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 15:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 15:59	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130			04/23/21 10:18	04/23/21 15:59	1
o-Terphenyl	97		70 - 130			04/23/21 10:18	04/23/21 15:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2330		26.8	mg/Kg			04/28/21 06:24	5

Client Sample ID: C-59 4'

Lab Sample ID: 880-1544-6

Date Collected: 04/21/21 13:18

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 10:31	04/23/21 19:39	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 10:31	04/23/21 19:39	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 10:31	04/23/21 19:39	1
m-Xylene & p-Xylene	0.00601		0.00398	mg/Kg		04/23/21 10:31	04/23/21 19:39	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 10:31	04/23/21 19:39	1
Xylenes, Total	0.00601		0.00398	mg/Kg		04/23/21 10:31	04/23/21 19:39	1
Total BTEX	0.00601		0.00398	mg/Kg		04/23/21 10:31	04/23/21 19:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			04/23/21 10:31	04/23/21 19:39	1
1,4-Difluorobenzene (Surr)	81		70 - 130			04/23/21 10:31	04/23/21 19:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 16:20	1
Diesel Range Organics (Over C10-C28)	366		50.0	mg/Kg		04/23/21 10:18	04/23/21 16:20	1
Oil Range Organics (Over C28-C36)	86.4		50.0	mg/Kg		04/23/21 10:18	04/23/21 16:20	1
Total TPH	452		50.0	mg/Kg		04/23/21 10:18	04/23/21 16:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130			04/23/21 10:18	04/23/21 16:20	1
o-Terphenyl	102		70 - 130			04/23/21 10:18	04/23/21 16:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2700		24.9	mg/Kg			04/28/21 06:29	5

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-60 4'

Lab Sample ID: 880-1544-7

Date Collected: 04/21/21 13:16

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200	mg/Kg		04/23/21 10:31	04/24/21 09:28	10
Toluene	<0.0200	U	0.0200	mg/Kg		04/23/21 10:31	04/24/21 09:28	10
Ethylbenzene	0.0284		0.0200	mg/Kg		04/23/21 10:31	04/24/21 09:28	10
m-Xylene & p-Xylene	0.375		0.0401	mg/Kg		04/23/21 10:31	04/24/21 09:28	10
o-Xylene	<0.0200	U	0.0200	mg/Kg		04/23/21 10:31	04/24/21 09:28	10
Xylenes, Total	0.375		0.0401	mg/Kg		04/23/21 10:31	04/24/21 09:28	10
Total BTEX	0.403		0.0401	mg/Kg		04/23/21 10:31	04/24/21 09:28	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	10	S1-	70 - 130	04/23/21 10:31	04/24/21 09:28	10
1,4-Difluorobenzene (Surr)	0.8	S1-	70 - 130	04/23/21 10:31	04/24/21 09:28	10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 16:42	1
Diesel Range Organics (Over C10-C28)	682		50.0	mg/Kg		04/23/21 10:18	04/23/21 16:42	1
Oil Range Organics (Over C28-C36)	157		50.0	mg/Kg		04/23/21 10:18	04/23/21 16:42	1
Total TPH	839		50.0	mg/Kg		04/23/21 10:18	04/23/21 16:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130	04/23/21 10:18	04/23/21 16:42	1
o-Terphenyl	100		70 - 130	04/23/21 10:18	04/23/21 16:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7350		49.7	mg/Kg			04/28/21 06:35	10

Client Sample ID: C-61 4'

Lab Sample ID: 880-1544-8

Date Collected: 04/21/21 13:14

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/23/21 10:31	04/23/21 20:04	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/23/21 10:31	04/23/21 20:04	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/23/21 10:31	04/23/21 20:04	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/23/21 10:31	04/23/21 20:04	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/23/21 10:31	04/23/21 20:04	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/23/21 10:31	04/23/21 20:04	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/23/21 10:31	04/23/21 20:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130	04/23/21 10:31	04/23/21 20:04	1
1,4-Difluorobenzene (Surr)	0.3	S1-	70 - 130	04/23/21 10:31	04/23/21 20:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 17:03	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-61 4'

Lab Sample ID: 880-1544-8

Date Collected: 04/21/21 13:14

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	76.1		49.9	mg/Kg		04/23/21 10:18	04/23/21 17:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 17:03	1
Total TPH	76.1		49.9	mg/Kg		04/23/21 10:18	04/23/21 17:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130			04/23/21 10:18	04/23/21 17:03	1
o-Terphenyl	99		70 - 130			04/23/21 10:18	04/23/21 17:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1450		4.97	mg/Kg			04/28/21 06:40	1

Client Sample ID: C-62 4'

Lab Sample ID: 880-1544-9

Date Collected: 04/21/21 13:12

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/23/21 10:31	04/23/21 20:30	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/23/21 10:31	04/23/21 20:30	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/23/21 10:31	04/23/21 20:30	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/23/21 10:31	04/23/21 20:30	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/23/21 10:31	04/23/21 20:30	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/23/21 10:31	04/23/21 20:30	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/23/21 10:31	04/23/21 20:30	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			04/23/21 10:31	04/23/21 20:30	1
1,4-Difluorobenzene (Surr)	96		70 - 130			04/23/21 10:31	04/23/21 20:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 17:25	1
Diesel Range Organics (Over C10-C28)	237		49.9	mg/Kg		04/23/21 10:18	04/23/21 17:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 17:25	1
Total TPH	237		49.9	mg/Kg		04/23/21 10:18	04/23/21 17:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130			04/23/21 10:18	04/23/21 17:25	1
o-Terphenyl	95		70 - 130			04/23/21 10:18	04/23/21 17:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.99	mg/Kg			04/28/21 06:46	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-63 4'

Lab Sample ID: 880-1544-10

Date Collected: 04/21/21 13:10

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/23/21 10:31	04/23/21 20:55	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/23/21 10:31	04/23/21 20:55	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/23/21 10:31	04/23/21 20:55	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		04/23/21 10:31	04/23/21 20:55	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/23/21 10:31	04/23/21 20:55	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		04/23/21 10:31	04/23/21 20:55	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		04/23/21 10:31	04/23/21 20:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/23/21 10:31	04/23/21 20:55	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/23/21 10:31	04/23/21 20:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 17:47	1
Diesel Range Organics (Over C10-C28)	382		50.0	mg/Kg		04/23/21 10:18	04/23/21 17:47	1
Oil Range Organics (Over C28-C36)	94.7		50.0	mg/Kg		04/23/21 10:18	04/23/21 17:47	1
Total TPH	477		50.0	mg/Kg		04/23/21 10:18	04/23/21 17:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	04/23/21 10:18	04/23/21 17:47	1
o-Terphenyl	97		70 - 130	04/23/21 10:18	04/23/21 17:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	169		4.97	mg/Kg			04/28/21 06:51	1

Client Sample ID: C-64 4'

Lab Sample ID: 880-1544-11

Date Collected: 04/21/21 13:08

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 22:03	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 22:03	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 22:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/26/21 10:48	04/26/21 22:03	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 22:03	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/26/21 10:48	04/26/21 22:03	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/26/21 10:48	04/26/21 22:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	04/26/21 10:48	04/26/21 22:03	1
1,4-Difluorobenzene (Surr)	107		70 - 130	04/26/21 10:48	04/26/21 22:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:18	04/23/21 18:30	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-64 4'

Lab Sample ID: 880-1544-11

Date Collected: 04/21/21 13:08

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	1790		49.9	mg/Kg		04/23/21 10:18	04/23/21 18:30	1
Oil Range Organics (Over C28-C36)	605		49.9	mg/Kg		04/23/21 10:18	04/23/21 18:30	1
Total TPH	2400		49.9	mg/Kg		04/23/21 10:18	04/23/21 18:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	04/23/21 10:18	04/23/21 18:30	1
o-Terphenyl	100		70 - 130	04/23/21 10:18	04/23/21 18:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	176		24.8	mg/Kg			04/28/21 07:34	5

Client Sample ID: C-65 4'

Lab Sample ID: 880-1544-12

Date Collected: 04/21/21 13:06

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 22:24	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 22:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 22:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/26/21 10:48	04/26/21 22:24	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 22:24	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/26/21 10:48	04/26/21 22:24	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/26/21 10:48	04/26/21 22:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/26/21 10:48	04/26/21 22:24	1
1,4-Difluorobenzene (Surr)	108		70 - 130	04/26/21 10:48	04/26/21 22:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 10:18	04/23/21 18:52	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/23/21 10:18	04/23/21 18:52	1
Oil Range Organics (Over C28-C36)	101		49.8	mg/Kg		04/23/21 10:18	04/23/21 18:52	1
Total TPH	101		49.8	mg/Kg		04/23/21 10:18	04/23/21 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	04/23/21 10:18	04/23/21 18:52	1
o-Terphenyl	92		70 - 130	04/23/21 10:18	04/23/21 18:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4620		49.9	mg/Kg			04/28/21 14:04	10

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-66 4

Lab Sample ID: 880-1544-13

Date Collected: 04/21/21 13:04

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/26/21 10:48	04/26/21 22:44	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/26/21 10:48	04/26/21 22:44	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/26/21 10:48	04/26/21 22:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/26/21 10:48	04/26/21 22:44	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/26/21 10:48	04/26/21 22:44	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/26/21 10:48	04/26/21 22:44	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		04/26/21 10:48	04/26/21 22:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/26/21 10:48	04/26/21 22:44	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/26/21 10:48	04/26/21 22:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 19:14	1
Diesel Range Organics (Over C10-C28)	850		50.0	mg/Kg		04/23/21 10:18	04/23/21 19:14	1
Oil Range Organics (Over C28-C36)	191		50.0	mg/Kg		04/23/21 10:18	04/23/21 19:14	1
Total TPH	1040		50.0	mg/Kg		04/23/21 10:18	04/23/21 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	04/23/21 10:18	04/23/21 19:14	1
o-Terphenyl	93		70 - 130	04/23/21 10:18	04/23/21 19:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	32.2		4.96	mg/Kg			04/28/21 07:55	1

Client Sample ID: C-67 4'

Lab Sample ID: 880-1544-14

Date Collected: 04/21/21 13:02

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 23:05	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 23:05	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 23:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/26/21 10:48	04/26/21 23:05	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 23:05	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/26/21 10:48	04/26/21 23:05	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/26/21 10:48	04/26/21 23:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/26/21 10:48	04/26/21 23:05	1
1,4-Difluorobenzene (Surr)	108		70 - 130	04/26/21 10:48	04/26/21 23:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 19:35	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-67 4'

Lab Sample ID: 880-1544-14

Date Collected: 04/21/21 13:02

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	537		50.0	mg/Kg		04/23/21 10:18	04/23/21 19:35	1
Oil Range Organics (Over C28-C36)	123		50.0	mg/Kg		04/23/21 10:18	04/23/21 19:35	1
Total TPH	660		50.0	mg/Kg		04/23/21 10:18	04/23/21 19:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	04/23/21 10:18	04/23/21 19:35	1
o-Terphenyl	95		70 - 130	04/23/21 10:18	04/23/21 19:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3040		25.1	mg/Kg			04/28/21 08:01	5

Client Sample ID: C-68 4'

Lab Sample ID: 880-1544-15

Date Collected: 04/21/21 13:00

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/26/21 10:48	04/26/21 23:25	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/26/21 10:48	04/26/21 23:25	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/26/21 10:48	04/26/21 23:25	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		04/26/21 10:48	04/26/21 23:25	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/26/21 10:48	04/26/21 23:25	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		04/26/21 10:48	04/26/21 23:25	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		04/26/21 10:48	04/26/21 23:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	04/26/21 10:48	04/26/21 23:25	1
1,4-Difluorobenzene (Surr)	108		70 - 130	04/26/21 10:48	04/26/21 23:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 19:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 19:57	1
Oil Range Organics (Over C28-C36)	66.9		50.0	mg/Kg		04/23/21 10:18	04/23/21 19:57	1
Total TPH	66.9		50.0	mg/Kg		04/23/21 10:18	04/23/21 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	04/23/21 10:18	04/23/21 19:57	1
o-Terphenyl	92		70 - 130	04/23/21 10:18	04/23/21 19:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.4		4.98	mg/Kg			04/28/21 08:06	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-69 4'

Lab Sample ID: 880-1544-16

Date Collected: 04/21/21 12:58

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0402	U	0.0402	mg/Kg		04/28/21 12:45	04/28/21 20:43	20
Toluene	0.0721		0.0402	mg/Kg		04/28/21 12:45	04/28/21 20:43	20
Ethylbenzene	2.19		0.0402	mg/Kg		04/28/21 12:45	04/28/21 20:43	20
m-Xylene & p-Xylene	5.26		0.0805	mg/Kg		04/28/21 12:45	04/28/21 20:43	20
o-Xylene	2.34		0.0402	mg/Kg		04/28/21 12:45	04/28/21 20:43	20
Xylenes, Total	7.60		0.0805	mg/Kg		04/28/21 12:45	04/28/21 20:43	20
Total BTEX	9.86		0.0805	mg/Kg		04/28/21 12:45	04/28/21 20:43	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	04/26/21 10:48	04/27/21 00:06	100
1,4-Difluorobenzene (Surr)	96		70 - 130	04/26/21 10:48	04/27/21 00:06	100

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	385		250	mg/Kg		04/23/21 10:18	04/23/21 20:19	5
Diesel Range Organics (Over C10-C28)	2970		250	mg/Kg		04/23/21 10:18	04/23/21 20:19	5
Oil Range Organics (Over C28-C36)	612		250	mg/Kg		04/23/21 10:18	04/23/21 20:19	5
Total TPH	3970		250	mg/Kg		04/23/21 10:18	04/23/21 20:19	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	04/23/21 10:18	04/23/21 20:19	5
o-Terphenyl	92		70 - 130	04/23/21 10:18	04/23/21 20:19	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11500		49.9	mg/Kg			04/28/21 08:22	10

Client Sample ID: C-70 4'

Lab Sample ID: 880-1544-17

Date Collected: 04/21/21 12:56

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/26/21 10:48	04/26/21 23:46	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/26/21 10:48	04/26/21 23:46	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/26/21 10:48	04/26/21 23:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/26/21 10:48	04/26/21 23:46	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/26/21 10:48	04/26/21 23:46	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/26/21 10:48	04/26/21 23:46	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/26/21 10:48	04/26/21 23:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/26/21 10:48	04/26/21 23:46	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/26/21 10:48	04/26/21 23:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 20:41	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-70 4'

Lab Sample ID: 880-1544-17

Date Collected: 04/21/21 12:56

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	381		50.0	mg/Kg		04/23/21 10:18	04/23/21 20:41	1
Oil Range Organics (Over C28-C36)	81.0		50.0	mg/Kg		04/23/21 10:18	04/23/21 20:41	1
Total TPH	462		50.0	mg/Kg		04/23/21 10:18	04/23/21 20:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	84		70 - 130	04/23/21 10:18	04/23/21 20:41	1
o-Terphenyl	99		70 - 130	04/23/21 10:18	04/23/21 20:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	934		5.02	mg/Kg			04/28/21 08:28	1

Client Sample ID: C-71 4'

Lab Sample ID: 880-1544-18

Date Collected: 04/21/21 12:54

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0398	U	0.0398	mg/Kg		04/28/21 12:45	04/28/21 21:03	20
Toluene	<0.0398	U	0.0398	mg/Kg		04/28/21 12:45	04/28/21 21:03	20
Ethylbenzene	0.262		0.0398	mg/Kg		04/28/21 12:45	04/28/21 21:03	20
m-Xylene & p-Xylene	0.463		0.0797	mg/Kg		04/28/21 12:45	04/28/21 21:03	20
o-Xylene	0.429		0.0398	mg/Kg		04/28/21 12:45	04/28/21 21:03	20
Xylenes, Total	0.892		0.0797	mg/Kg		04/28/21 12:45	04/28/21 21:03	20
Total BTEX	1.15		0.0797	mg/Kg		04/28/21 12:45	04/28/21 21:03	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/26/21 10:48	04/27/21 00:26	50
1,4-Difluorobenzene (Surr)	99		70 - 130	04/26/21 10:48	04/27/21 00:26	50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	83.0		49.9	mg/Kg		04/23/21 10:18	04/23/21 21:02	1
Diesel Range Organics (Over C10-C28)	1140		49.9	mg/Kg		04/23/21 10:18	04/23/21 21:02	1
Oil Range Organics (Over C28-C36)	260		49.9	mg/Kg		04/23/21 10:18	04/23/21 21:02	1
Total TPH	1480		49.9	mg/Kg		04/23/21 10:18	04/23/21 21:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	04/23/21 10:18	04/23/21 21:02	1
o-Terphenyl	105		70 - 130	04/23/21 10:18	04/23/21 21:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	967		5.05	mg/Kg			04/28/21 08:33	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-72 4'

Lab Sample ID: 880-1544-19

Date Collected: 04/21/21 12:52

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.101	U	0.101	mg/Kg		04/23/21 13:38	04/25/21 00:11	50
Toluene	<0.101	U	0.101	mg/Kg		04/23/21 13:38	04/25/21 00:11	50
Ethylbenzene	0.174		0.101	mg/Kg		04/23/21 13:38	04/25/21 00:11	50
m-Xylene & p-Xylene	0.625		0.202	mg/Kg		04/23/21 13:38	04/25/21 00:11	50
o-Xylene	0.345		0.101	mg/Kg		04/23/21 13:38	04/25/21 00:11	50
Xylenes, Total	0.970		0.202	mg/Kg		04/23/21 13:38	04/25/21 00:11	50
Total BTEX	1.14		0.202	mg/Kg		04/23/21 13:38	04/25/21 00:11	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	04/23/21 13:38	04/25/21 00:11	50
1,4-Difluorobenzene (Surr)	102		70 - 130	04/23/21 13:38	04/25/21 00:11	50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U	250	mg/Kg		04/23/21 10:18	04/23/21 21:23	5
Diesel Range Organics (Over C10-C28)	3240		250	mg/Kg		04/23/21 10:18	04/23/21 21:23	5
Oil Range Organics (Over C28-C36)	680		250	mg/Kg		04/23/21 10:18	04/23/21 21:23	5
Total TPH	3920		250	mg/Kg		04/23/21 10:18	04/23/21 21:23	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	04/23/21 10:18	04/23/21 21:23	5
o-Terphenyl	105		70 - 130	04/23/21 10:18	04/23/21 21:23	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2360		25.3	mg/Kg			04/28/21 08:38	5

Client Sample ID: C-73 4'

Lab Sample ID: 880-1544-20

Date Collected: 04/21/21 12:50

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200	mg/Kg		04/26/21 15:48	04/27/21 00:46	1
Toluene	<0.00200	U *- *1	0.00200	mg/Kg		04/26/21 15:48	04/27/21 00:46	1
Ethylbenzene	<0.00200	U *- *1	0.00200	mg/Kg		04/26/21 15:48	04/27/21 00:46	1
m-Xylene & p-Xylene	<0.00401	U *- *1	0.00401	mg/Kg		04/26/21 15:48	04/27/21 00:46	1
o-Xylene	<0.00200	U *- *1	0.00200	mg/Kg		04/26/21 15:48	04/27/21 00:46	1
Xylenes, Total	<0.00401	U *- *1	0.00401	mg/Kg		04/26/21 15:48	04/27/21 00:46	1
Total BTEX	<0.00401	U *- *1	0.00401	mg/Kg		04/26/21 15:48	04/27/21 00:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	04/26/21 15:48	04/27/21 00:46	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/26/21 15:48	04/27/21 00:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 10:18	04/23/21 21:45	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-73 4'

Lab Sample ID: 880-1544-20

Date Collected: 04/21/21 12:50

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	344		49.8	mg/Kg		04/23/21 10:18	04/23/21 21:45	1
Oil Range Organics (Over C28-C36)	70.8		49.8	mg/Kg		04/23/21 10:18	04/23/21 21:45	1
Total TPH	415		49.8	mg/Kg		04/23/21 10:18	04/23/21 21:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	04/23/21 10:18	04/23/21 21:45	1
o-Terphenyl	100		70 - 130	04/23/21 10:18	04/23/21 21:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3090		24.9	mg/Kg			04/28/21 08:44	5

Client Sample ID: C-74 4'

Lab Sample ID: 880-1544-21

Date Collected: 04/21/21 12:48

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U F1 F2	0.00198	mg/Kg		04/24/21 12:11	04/25/21 14:37	1
Toluene	<0.00198	U F1	0.00198	mg/Kg		04/24/21 12:11	04/25/21 14:37	1
Ethylbenzene	<0.00198	U F1 F2	0.00198	mg/Kg		04/24/21 12:11	04/25/21 14:37	1
m-Xylene & p-Xylene	<0.00397	U F1	0.00397	mg/Kg		04/24/21 12:11	04/25/21 14:37	1
o-Xylene	<0.00198	U F1 F2	0.00198	mg/Kg		04/24/21 12:11	04/25/21 14:37	1
Xylenes, Total	<0.00397	U F1 F2	0.00397	mg/Kg		04/24/21 12:11	04/25/21 14:37	1
Total BTEX	<0.00397	U F1 F2	0.00397	mg/Kg		04/24/21 12:11	04/25/21 14:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	04/24/21 12:11	04/25/21 14:37	1
1,4-Difluorobenzene (Surr)	109		70 - 130	04/24/21 12:11	04/25/21 14:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 17:00	1
Diesel Range Organics (Over C10-C28)	2210	F1	49.9	mg/Kg		04/23/21 10:36	04/23/21 17:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 17:00	1
Total TPH	2210		49.9	mg/Kg		04/23/21 10:36	04/23/21 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	04/23/21 10:36	04/23/21 17:00	1
o-Terphenyl	98		70 - 130	04/23/21 10:36	04/23/21 17:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	599		5.00	mg/Kg			04/28/21 08:49	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-75 4'

Lab Sample ID: 880-1544-22

Date Collected: 04/21/21 12:46

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 14:58	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 14:58	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 14:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/24/21 12:11	04/25/21 14:58	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 14:58	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/24/21 12:11	04/25/21 14:58	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/24/21 12:11	04/25/21 14:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/24/21 12:11	04/25/21 14:58	1
1,4-Difluorobenzene (Surr)	90		70 - 130	04/24/21 12:11	04/25/21 14:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 18:10	1
Diesel Range Organics (Over C10-C28)	67.0		49.9	mg/Kg		04/23/21 10:36	04/23/21 18:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 18:10	1
Total TPH	67.0		49.9	mg/Kg		04/23/21 10:36	04/23/21 18:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	04/23/21 10:36	04/23/21 18:10	1
o-Terphenyl	116		70 - 130	04/23/21 10:36	04/23/21 18:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05	mg/Kg			04/28/21 09:05	1

Client Sample ID: C-76 4'

Lab Sample ID: 880-1544-23

Date Collected: 04/21/21 12:44

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0631		0.0402	mg/Kg		04/24/21 12:11	04/25/21 15:19	20
Toluene	<0.0402	U	0.0402	mg/Kg		04/24/21 12:11	04/25/21 15:19	20
Ethylbenzene	<0.0402	U	0.0402	mg/Kg		04/24/21 12:11	04/25/21 15:19	20
m-Xylene & p-Xylene	<0.0803	U	0.0803	mg/Kg		04/24/21 12:11	04/25/21 15:19	20
o-Xylene	0.121		0.0402	mg/Kg		04/24/21 12:11	04/25/21 15:19	20
Xylenes, Total	0.121		0.0803	mg/Kg		04/24/21 12:11	04/25/21 15:19	20
Total BTEX	0.184		0.0803	mg/Kg		04/24/21 12:11	04/25/21 15:19	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	04/24/21 12:11	04/25/21 15:19	20
1,4-Difluorobenzene (Surr)	109		70 - 130	04/24/21 12:11	04/25/21 15:19	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 10:36	04/23/21 18:31	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-76 4'

Lab Sample ID: 880-1544-23

Date Collected: 04/21/21 12:44

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	1770		49.8	mg/Kg		04/23/21 10:36	04/23/21 18:31	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 10:36	04/23/21 18:31	1
Total TPH	1770		49.8	mg/Kg		04/23/21 10:36	04/23/21 18:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			04/23/21 10:36	04/23/21 18:31	1
o-Terphenyl	95		70 - 130			04/23/21 10:36	04/23/21 18:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	418		25.1	mg/Kg			04/28/21 09:11	5

Client Sample ID: C-77 4'

Lab Sample ID: 880-1544-24

Date Collected: 04/21/21 12:42

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:11	04/25/21 15:40	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:11	04/25/21 15:40	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:11	04/25/21 15:40	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/24/21 12:11	04/25/21 15:40	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:11	04/25/21 15:40	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/24/21 12:11	04/25/21 15:40	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/24/21 12:11	04/25/21 15:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	80		70 - 130			04/24/21 12:11	04/25/21 15:40	1
1,4-Difluorobenzene (Surr)	114		70 - 130			04/24/21 12:11	04/25/21 15:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 18:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 18:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 18:52	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 18:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			04/23/21 10:36	04/23/21 18:52	1
o-Terphenyl	109		70 - 130			04/23/21 10:36	04/23/21 18:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1290		25.1	mg/Kg			04/28/21 09:27	5

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-78 4' SW

Lab Sample ID: 880-1544-25

Date Collected: 04/21/21 12:40

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 16:00	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 16:00	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 16:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/24/21 12:11	04/25/21 16:00	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 16:00	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/24/21 12:11	04/25/21 16:00	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/24/21 12:11	04/25/21 16:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	04/24/21 12:11	04/25/21 16:00	1
1,4-Difluorobenzene (Surr)	133	S1+	70 - 130	04/24/21 12:11	04/25/21 16:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:14	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	04/23/21 10:36	04/23/21 19:14	1
o-Terphenyl	106		70 - 130	04/23/21 10:36	04/23/21 19:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.4		5.01	mg/Kg			04/28/21 09:32	1

Client Sample ID: C-79 4' SW

Lab Sample ID: 880-1544-26

Date Collected: 04/21/21 12:38

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:11	04/25/21 16:21	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:11	04/25/21 16:21	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:11	04/25/21 16:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/24/21 12:11	04/25/21 16:21	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:11	04/25/21 16:21	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/24/21 12:11	04/25/21 16:21	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/24/21 12:11	04/25/21 16:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/24/21 12:11	04/25/21 16:21	1
1,4-Difluorobenzene (Surr)	121		70 - 130	04/24/21 12:11	04/25/21 16:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:35	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-79 4' SW

Lab Sample ID: 880-1544-26

Date Collected: 04/21/21 12:38

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:35	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			04/23/21 10:36	04/23/21 19:35	1
o-Terphenyl	117		70 - 130			04/23/21 10:36	04/23/21 19:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	100		5.00	mg/Kg			04/28/21 09:37	1

Client Sample ID: C-80 4' SW

Lab Sample ID: 880-1544-27

Date Collected: 04/21/21 12:36

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00547		0.00202	mg/Kg		04/24/21 12:11	04/25/21 16:42	1
Toluene	0.00283		0.00202	mg/Kg		04/24/21 12:11	04/25/21 16:42	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:11	04/25/21 16:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		04/24/21 12:11	04/25/21 16:42	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:11	04/25/21 16:42	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		04/24/21 12:11	04/25/21 16:42	1
Total BTEX	0.00830		0.00403	mg/Kg		04/24/21 12:11	04/25/21 16:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130			04/24/21 12:11	04/25/21 16:42	1
1,4-Difluorobenzene (Surr)	132	S1+	70 - 130			04/24/21 12:11	04/25/21 16:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:56	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 19:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			04/23/21 10:36	04/23/21 19:56	1
o-Terphenyl	102		70 - 130			04/23/21 10:36	04/23/21 19:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113		4.98	mg/Kg			04/28/21 09:43	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-81 4' SW

Lab Sample ID: 880-1544-28

Date Collected: 04/21/21 12:34

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0691		0.0398	mg/Kg		04/23/21 11:22	04/25/21 17:03	20
Toluene	<0.0398	U	0.0398	mg/Kg		04/23/21 11:22	04/25/21 17:03	20
Ethylbenzene	0.920		0.0398	mg/Kg		04/23/21 11:22	04/25/21 17:03	20
m-Xylene & p-Xylene	5.24		0.0795	mg/Kg		04/23/21 11:22	04/25/21 17:03	20
o-Xylene	1.16		0.0398	mg/Kg		04/23/21 11:22	04/25/21 17:03	20
Xylenes, Total	6.40		0.0795	mg/Kg		04/23/21 11:22	04/25/21 17:03	20
Total BTEX	7.39		0.0795	mg/Kg		04/23/21 11:22	04/25/21 17:03	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	192	S1+	70 - 130	04/23/21 11:22	04/25/21 17:03	20
1,4-Difluorobenzene (Surr)	97		70 - 130	04/23/21 11:22	04/25/21 17:03	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	439		49.9	mg/Kg		04/23/21 10:36	04/23/21 20:18	1
Diesel Range Organics (Over C10-C28)	2320		49.9	mg/Kg		04/23/21 10:36	04/23/21 20:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 20:18	1
Total TPH	2760		49.9	mg/Kg		04/23/21 10:36	04/23/21 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	04/23/21 10:36	04/23/21 20:18	1
o-Terphenyl	99		70 - 130	04/23/21 10:36	04/23/21 20:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		24.8	mg/Kg			04/28/21 09:48	5

Client Sample ID: C-82 4' SW

Lab Sample ID: 880-1544-29

Date Collected: 04/21/21 12:32

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:11	04/25/21 17:23	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:11	04/25/21 17:23	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:11	04/25/21 17:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/24/21 12:11	04/25/21 17:23	1
o-Xylene	0.0413		0.00199	mg/Kg		04/24/21 12:11	04/25/21 17:23	1
Xylenes, Total	0.0413		0.00398	mg/Kg		04/24/21 12:11	04/25/21 17:23	1
Total BTEX	0.0413		0.00398	mg/Kg		04/24/21 12:11	04/25/21 17:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	04/24/21 12:11	04/25/21 17:23	1
1,4-Difluorobenzene (Surr)	108		70 - 130	04/24/21 12:11	04/25/21 17:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	144		49.9	mg/Kg		04/23/21 10:36	04/23/21 20:45	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-82 4' SW

Lab Sample ID: 880-1544-29

Date Collected: 04/21/21 12:32

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	3050		49.9	mg/Kg		04/23/21 10:36	04/23/21 20:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 20:45	1
Total TPH	3190		49.9	mg/Kg		04/23/21 10:36	04/23/21 20:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130			04/23/21 10:36	04/23/21 20:45	1
o-Terphenyl	97		70 - 130			04/23/21 10:36	04/23/21 20:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		4.96	mg/Kg			04/28/21 09:54	1

Client Sample ID: C-83 4' SW

Lab Sample ID: 880-1544-30

Date Collected: 04/21/21 12:30

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/24/21 12:11	04/25/21 17:44	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/24/21 12:11	04/25/21 17:44	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/24/21 12:11	04/25/21 17:44	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/24/21 12:11	04/25/21 17:44	1
o-Xylene	0.0275		0.00198	mg/Kg		04/24/21 12:11	04/25/21 17:44	1
Xylenes, Total	0.0275		0.00396	mg/Kg		04/24/21 12:11	04/25/21 17:44	1
Total BTEX	0.0275		0.00396	mg/Kg		04/24/21 12:11	04/25/21 17:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			04/24/21 12:11	04/25/21 17:44	1
1,4-Difluorobenzene (Surr)	98		70 - 130			04/24/21 12:11	04/25/21 17:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	67.4		50.0	mg/Kg		04/23/21 10:36	04/23/21 21:08	1
Diesel Range Organics (Over C10-C28)	1550		50.0	mg/Kg		04/23/21 10:36	04/23/21 21:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 21:08	1
Total TPH	1620		50.0	mg/Kg		04/23/21 10:36	04/23/21 21:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	23	S1-	70 - 130			04/23/21 10:36	04/23/21 21:08	1
o-Terphenyl	20	S1-	70 - 130			04/23/21 10:36	04/23/21 21:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	95.2		4.97	mg/Kg			04/28/21 09:59	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-84 2'

Lab Sample ID: 880-1544-31

Date Collected: 04/21/21 11:24

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 19:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 19:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 19:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 19:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 19:08	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 19:08	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 19:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/24/21 12:11	04/25/21 19:08	1
1,4-Difluorobenzene (Surr)	122		70 - 130	04/24/21 12:11	04/25/21 19:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 21:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 21:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 21:50	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 21:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130	04/23/21 10:36	04/23/21 21:50	1
o-Terphenyl	108		70 - 130	04/23/21 10:36	04/23/21 21:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.8		5.04	mg/Kg			04/26/21 20:17	1

Client Sample ID: C-85 2'

Lab Sample ID: 880-1544-32

Date Collected: 04/21/21 11:22

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 19:28	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 19:28	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 19:28	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/24/21 12:11	04/25/21 19:28	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 19:28	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/24/21 12:11	04/25/21 19:28	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/24/21 12:11	04/25/21 19:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/24/21 12:11	04/25/21 19:28	1
1,4-Difluorobenzene (Surr)	122		70 - 130	04/24/21 12:11	04/25/21 19:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 10:36	04/23/21 22:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-85 2'

Lab Sample ID: 880-1544-32

Date Collected: 04/21/21 11:22

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	65.0		49.8	mg/Kg		04/23/21 10:36	04/23/21 22:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 10:36	04/23/21 22:11	1
Total TPH	65.0		49.8	mg/Kg		04/23/21 10:36	04/23/21 22:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			04/23/21 10:36	04/23/21 22:11	1
o-Terphenyl	116		70 - 130			04/23/21 10:36	04/23/21 22:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.1		4.98	mg/Kg			04/26/21 20:33	1

Client Sample ID: C-86 2'

Lab Sample ID: 880-1544-33

Date Collected: 04/21/21 11:20

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 19:49	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 19:49	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 19:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/24/21 12:11	04/25/21 19:49	1
o-Xylene	0.0143		0.00201	mg/Kg		04/24/21 12:11	04/25/21 19:49	1
Xylenes, Total	0.0143		0.00402	mg/Kg		04/24/21 12:11	04/25/21 19:49	1
Total BTEX	0.0143		0.00402	mg/Kg		04/24/21 12:11	04/25/21 19:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			04/24/21 12:11	04/25/21 19:49	1
1,4-Difluorobenzene (Surr)	112		70 - 130			04/24/21 12:11	04/25/21 19:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	60.9		50.0	mg/Kg		04/23/21 10:36	04/23/21 22:32	1
Diesel Range Organics (Over C10-C28)	625		50.0	mg/Kg		04/23/21 10:36	04/23/21 22:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 22:32	1
Total TPH	686		50.0	mg/Kg		04/23/21 10:36	04/23/21 22:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			04/23/21 10:36	04/23/21 22:32	1
o-Terphenyl	105		70 - 130			04/23/21 10:36	04/23/21 22:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	65.8		4.97	mg/Kg			04/26/21 20:38	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-87 2'

Lab Sample ID: 880-1544-34

Date Collected: 04/21/21 11:18

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0453		0.0398	mg/Kg		04/24/21 12:11	04/25/21 20:10	20
Toluene	3.43		0.0398	mg/Kg		04/24/21 12:11	04/25/21 20:10	20
Ethylbenzene	7.58		0.0398	mg/Kg		04/24/21 12:11	04/25/21 20:10	20
m-Xylene & p-Xylene	15.7		0.0797	mg/Kg		04/24/21 12:11	04/25/21 20:10	20
o-Xylene	3.52		0.199	mg/Kg		04/26/21 10:48	04/26/21 17:09	100
Xylenes, Total	8.70		0.398	mg/Kg		04/26/21 10:48	04/26/21 17:09	100
Total BTEX	12.5		0.398	mg/Kg		04/26/21 10:48	04/26/21 17:09	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	270	S1+	70 - 130	04/24/21 12:11	04/25/21 20:10	20
1,4-Difluorobenzene (Surr)	105		70 - 130	04/24/21 12:11	04/25/21 20:10	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	324		50.0	mg/Kg		04/23/21 10:36	04/23/21 22:53	1
Diesel Range Organics (Over C10-C28)	1750		50.0	mg/Kg		04/23/21 10:36	04/23/21 22:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 22:53	1
Total TPH	2070		50.0	mg/Kg		04/23/21 10:36	04/23/21 22:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	36	S1-	70 - 130	04/23/21 10:36	04/23/21 22:53	1
o-Terphenyl	23	S1-	70 - 130	04/23/21 10:36	04/23/21 22:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1780		25.0	mg/Kg			04/26/21 20:43	5

Client Sample ID: C-88 2'

Lab Sample ID: 880-1544-35

Date Collected: 04/21/21 11:16

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/24/21 12:11	04/25/21 20:31	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/24/21 12:11	04/25/21 20:31	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/24/21 12:11	04/25/21 20:31	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		04/24/21 12:11	04/25/21 20:31	1
o-Xylene	0.00202		0.00198	mg/Kg		04/24/21 12:11	04/25/21 20:31	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		04/24/21 12:11	04/25/21 20:31	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		04/24/21 12:11	04/25/21 20:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/24/21 12:11	04/25/21 20:31	1
1,4-Difluorobenzene (Surr)	124		70 - 130	04/24/21 12:11	04/25/21 20:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 23:17	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-88 2'

Lab Sample ID: 880-1544-35

Date Collected: 04/21/21 11:16

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	104		50.0	mg/Kg		04/23/21 10:36	04/23/21 23:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 23:17	1
Total TPH	104		50.0	mg/Kg		04/23/21 10:36	04/23/21 23:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			04/23/21 10:36	04/23/21 23:17	1
o-Terphenyl	116		70 - 130			04/23/21 10:36	04/23/21 23:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.8		4.99	mg/Kg			04/26/21 20:48	1

Client Sample ID: C-89 2'

Lab Sample ID: 880-1544-36

Date Collected: 04/21/21 11:14

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 20:52	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 20:52	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 20:52	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/24/21 12:11	04/25/21 20:52	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:11	04/25/21 20:52	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/24/21 12:11	04/25/21 20:52	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/24/21 12:11	04/25/21 20:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			04/24/21 12:11	04/25/21 20:52	1
1,4-Difluorobenzene (Surr)	129		70 - 130			04/24/21 12:11	04/25/21 20:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 23:38	1
Diesel Range Organics (Over C10-C28)	159		49.9	mg/Kg		04/23/21 10:36	04/23/21 23:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/23/21 23:38	1
Total TPH	159		49.9	mg/Kg		04/23/21 10:36	04/23/21 23:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			04/23/21 10:36	04/23/21 23:38	1
o-Terphenyl	110		70 - 130			04/23/21 10:36	04/23/21 23:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.1		4.99	mg/Kg			04/26/21 21:03	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-90 2'

Lab Sample ID: 880-1544-37

Date Collected: 04/21/21 11:12

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0404	U	0.0404	mg/Kg		04/24/21 12:11	04/25/21 21:13	20
Toluene	3.98		0.0404	mg/Kg		04/24/21 12:11	04/25/21 21:13	20
Ethylbenzene	3.92		0.200	mg/Kg		04/26/21 10:48	04/26/21 17:30	100
m-Xylene & p-Xylene	7.44		0.400	mg/Kg		04/26/21 10:48	04/26/21 17:30	100
o-Xylene	0.0596		0.0404	mg/Kg		04/24/21 12:11	04/25/21 21:13	20
Xylenes, Total	11.2		0.400	mg/Kg		04/26/21 10:48	04/26/21 17:30	100
Total BTEX	16.1		0.400	mg/Kg		04/26/21 10:48	04/26/21 17:30	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	305	S1+	70 - 130	04/24/21 12:11	04/25/21 21:13	20
1,4-Difluorobenzene (Surr)	117		70 - 130	04/24/21 12:11	04/25/21 21:13	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	244		50.0	mg/Kg		04/23/21 10:36	04/24/21 00:00	1
Diesel Range Organics (Over C10-C28)	1050		50.0	mg/Kg		04/23/21 10:36	04/24/21 00:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/24/21 00:00	1
Total TPH	1290		50.0	mg/Kg		04/23/21 10:36	04/24/21 00:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	24	S1-	70 - 130	04/23/21 10:36	04/24/21 00:00	1
o-Terphenyl	21	S1-	70 - 130	04/23/21 10:36	04/24/21 00:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		4.99	mg/Kg			04/26/21 21:08	1

Client Sample ID: C-91 2'

Lab Sample ID: 880-1544-38

Date Collected: 04/21/21 11:10

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0404	U	0.0404	mg/Kg		04/24/21 12:11	04/25/21 21:34	20
Toluene	<0.0404	U	0.0404	mg/Kg		04/24/21 12:11	04/25/21 21:34	20
Ethylbenzene	0.244		0.0404	mg/Kg		04/24/21 12:11	04/25/21 21:34	20
m-Xylene & p-Xylene	0.718		0.0808	mg/Kg		04/24/21 12:11	04/25/21 21:34	20
o-Xylene	0.509		0.0404	mg/Kg		04/24/21 12:11	04/25/21 21:34	20
Xylenes, Total	1.23		0.0808	mg/Kg		04/24/21 12:11	04/25/21 21:34	20
Total BTEX	1.47		0.0808	mg/Kg		04/24/21 12:11	04/25/21 21:34	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130	04/24/21 12:11	04/25/21 21:34	20
1,4-Difluorobenzene (Surr)	0.5	S1-	70 - 130	04/24/21 12:11	04/25/21 21:34	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	89.0		49.9	mg/Kg		04/23/21 10:36	04/24/21 00:21	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-91 2'

Lab Sample ID: 880-1544-38

Date Collected: 04/21/21 11:10

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	2220		49.9	mg/Kg		04/23/21 10:36	04/24/21 00:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:36	04/24/21 00:21	1
Total TPH	2310		49.9	mg/Kg		04/23/21 10:36	04/24/21 00:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	120		70 - 130			04/23/21 10:36	04/24/21 00:21	1
o-Terphenyl	104		70 - 130			04/23/21 10:36	04/24/21 00:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	232		5.02	mg/Kg			04/26/21 21:14	1

Client Sample ID: C-92 2'

Lab Sample ID: 880-1544-39

Date Collected: 04/21/21 11:08

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 21:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 21:55	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 21:55	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 21:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 21:55	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 21:55	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 21:55	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	84		70 - 130			04/24/21 12:11	04/25/21 21:55	1
1,4-Difluorobenzene (Surr)	120		70 - 130			04/24/21 12:11	04/25/21 21:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/24/21 00:42	1
Diesel Range Organics (Over C10-C28)	200		50.0	mg/Kg		04/23/21 10:36	04/24/21 00:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/24/21 00:42	1
Total TPH	200		50.0	mg/Kg		04/23/21 10:36	04/24/21 00:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			04/23/21 10:36	04/24/21 00:42	1
o-Terphenyl	104		70 - 130			04/23/21 10:36	04/24/21 00:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.8		5.04	mg/Kg			04/26/21 21:19	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-93 2'

Lab Sample ID: 880-1544-40

Date Collected: 04/21/21 11:06

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00272		0.00200	mg/Kg		04/24/21 12:11	04/25/21 22:15	1
Toluene	0.0107		0.00200	mg/Kg		04/24/21 12:11	04/25/21 22:15	1
Ethylbenzene	0.0105		0.00200	mg/Kg		04/24/21 12:11	04/25/21 22:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 22:15	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 22:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 22:15	1
Total BTEX	0.0239		0.00400	mg/Kg		04/24/21 12:11	04/25/21 22:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	188	S1+	70 - 130	04/24/21 12:11	04/25/21 22:15	1
1,4-Difluorobenzene (Surr)	80		70 - 130	04/24/21 12:11	04/25/21 22:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 10:36	04/24/21 01:03	1
Diesel Range Organics (Over C10-C28)	456		49.8	mg/Kg		04/23/21 10:36	04/24/21 01:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 10:36	04/24/21 01:03	1
Total TPH	456		49.8	mg/Kg		04/23/21 10:36	04/24/21 01:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	04/23/21 10:36	04/24/21 01:03	1
o-Terphenyl	104		70 - 130	04/23/21 10:36	04/24/21 01:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.05	mg/Kg			04/26/21 21:24	1

Client Sample ID: C-94 2'

Lab Sample ID: 880-1544-41

Date Collected: 04/21/21 11:04

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199	mg/Kg		04/24/21 12:05	04/25/21 03:35	1
Toluene	<0.00199	U F1	0.00199	mg/Kg		04/24/21 12:05	04/25/21 03:35	1
Ethylbenzene	<0.00199	U F1	0.00199	mg/Kg		04/24/21 12:05	04/25/21 03:35	1
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.00398	mg/Kg		04/24/21 12:05	04/25/21 03:35	1
o-Xylene	<0.00199	U F1 F2	0.00199	mg/Kg		04/24/21 12:05	04/25/21 03:35	1
Xylenes, Total	<0.00398	U F1 F2	0.00398	mg/Kg		04/24/21 12:05	04/25/21 03:35	1
Total BTEX	<0.00398	U F1 F2	0.00398	mg/Kg		04/24/21 12:05	04/25/21 03:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/24/21 12:05	04/25/21 03:35	1
1,4-Difluorobenzene (Surr)	112		70 - 130	04/24/21 12:05	04/25/21 03:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 02:49	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-94 2'

Lab Sample ID: 880-1544-41

Date Collected: 04/21/21 11:04

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 02:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 02:49	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 02:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130			04/23/21 10:55	04/24/21 02:49	1
o-Terphenyl	130		70 - 130			04/23/21 10:55	04/24/21 02:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.0		4.97	mg/Kg			04/26/21 21:29	1

Client Sample ID: C-95 2'

Lab Sample ID: 880-1544-42

Date Collected: 04/21/21 11:02

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 03:56	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 03:56	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 03:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/24/21 12:05	04/25/21 03:56	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 03:56	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/24/21 12:05	04/25/21 03:56	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/24/21 12:05	04/25/21 03:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130			04/24/21 12:05	04/25/21 03:56	1
1,4-Difluorobenzene (Surr)	103		70 - 130			04/24/21 12:05	04/25/21 03:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 03:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 03:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 03:53	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 03:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	136	S1+	70 - 130			04/23/21 10:55	04/24/21 03:53	1
o-Terphenyl	143	S1+	70 - 130			04/23/21 10:55	04/24/21 03:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.29		4.98	mg/Kg			04/26/21 21:44	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-96 2'

Lab Sample ID: 880-1544-43

Date Collected: 04/21/21 10:00

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00710		0.00200	mg/Kg		04/24/21 12:05	04/25/21 04:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 04:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 04:16	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/24/21 12:05	04/25/21 04:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 04:16	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/24/21 12:05	04/25/21 04:16	1
Total BTEX	0.00710		0.00399	mg/Kg		04/24/21 12:05	04/25/21 04:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	187	S1+	70 - 130	04/24/21 12:05	04/25/21 04:16	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/24/21 12:05	04/25/21 04:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 10:55	04/24/21 04:15	1
Diesel Range Organics (Over C10-C28)	202		49.8	mg/Kg		04/23/21 10:55	04/24/21 04:15	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 10:55	04/24/21 04:15	1
Total TPH	202		49.8	mg/Kg		04/23/21 10:55	04/24/21 04:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	04/23/21 10:55	04/24/21 04:15	1
o-Terphenyl	117		70 - 130	04/23/21 10:55	04/24/21 04:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.0		4.96	mg/Kg			04/26/21 21:49	1

Client Sample ID: C-97 2'

Lab Sample ID: 880-1544-44

Date Collected: 04/21/21 10:58

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 04:37	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 04:37	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 04:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/24/21 12:05	04/25/21 04:37	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 04:37	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/24/21 12:05	04/25/21 04:37	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/24/21 12:05	04/25/21 04:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	04/24/21 12:05	04/25/21 04:37	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/24/21 12:05	04/25/21 04:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 04:36	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-97 2'

Lab Sample ID: 880-1544-44

Date Collected: 04/21/21 10:58

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	439		49.9	mg/Kg		04/23/21 10:55	04/24/21 04:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 04:36	1
Total TPH	439		49.9	mg/Kg		04/23/21 10:55	04/24/21 04:36	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130			04/23/21 10:55	04/24/21 04:36	1
o-Terphenyl	117		70 - 130			04/23/21 10:55	04/24/21 04:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.2		4.95	mg/Kg			04/26/21 22:04	1

Client Sample ID: C-98 2'

Lab Sample ID: 880-1544-45

Date Collected: 04/21/21 10:56

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:05	04/25/21 04:57	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:05	04/25/21 04:57	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:05	04/25/21 04:57	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/24/21 12:05	04/25/21 04:57	1
o-Xylene	0.00952		0.00202	mg/Kg		04/24/21 12:05	04/25/21 04:57	1
Xylenes, Total	0.00952		0.00404	mg/Kg		04/24/21 12:05	04/25/21 04:57	1
Total BTEX	0.00952		0.00404	mg/Kg		04/24/21 12:05	04/25/21 04:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130			04/24/21 12:05	04/25/21 04:57	1
1,4-Difluorobenzene (Surr)	110		70 - 130			04/24/21 12:05	04/25/21 04:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	110		50.0	mg/Kg		04/23/21 10:55	04/24/21 04:58	1
Diesel Range Organics (Over C10-C28)	4220		50.0	mg/Kg		04/23/21 10:55	04/24/21 04:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 04:58	1
Total TPH	4330		50.0	mg/Kg		04/23/21 10:55	04/24/21 04:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130			04/23/21 10:55	04/24/21 04:58	1
o-Terphenyl	116		70 - 130			04/23/21 10:55	04/24/21 04:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	477		5.04	mg/Kg			04/26/21 22:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: CS-99 2'

Lab Sample ID: 880-1544-46

Date Collected: 04/21/21 10:54

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0401	U	0.0401	mg/Kg		04/24/21 12:05	04/25/21 05:18	20
Toluene	0.0433		0.0401	mg/Kg		04/24/21 12:05	04/25/21 05:18	20
Ethylbenzene	0.493		0.0401	mg/Kg		04/24/21 12:05	04/25/21 05:18	20
m-Xylene & p-Xylene	1.21		0.0802	mg/Kg		04/24/21 12:05	04/25/21 05:18	20
o-Xylene	1.09		0.0401	mg/Kg		04/24/21 12:05	04/25/21 05:18	20
Xylenes, Total	2.30		0.0802	mg/Kg		04/24/21 12:05	04/25/21 05:18	20
Total BTEX	2.84		0.0802	mg/Kg		04/24/21 12:05	04/25/21 05:18	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	157	S1+	70 - 130	04/24/21 12:05	04/25/21 05:18	20
1,4-Difluorobenzene (Surr)	98		70 - 130	04/24/21 12:05	04/25/21 05:18	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	56.5		50.0	mg/Kg		04/23/21 10:55	04/24/21 05:20	1
Diesel Range Organics (Over C10-C28)	1420		50.0	mg/Kg		04/23/21 10:55	04/24/21 05:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 05:20	1
Total TPH	1480		50.0	mg/Kg		04/23/21 10:55	04/24/21 05:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	27	S1-	70 - 130	04/23/21 10:55	04/24/21 05:20	1
o-Terphenyl	23	S1-	70 - 130	04/23/21 10:55	04/24/21 05:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	352		5.02	mg/Kg			04/26/21 22:15	1

Client Sample ID: C-100 2'

Lab Sample ID: 880-1544-47

Date Collected: 04/21/21 10:52

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00263		0.00202	mg/Kg		04/24/21 12:05	04/25/21 05:39	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:05	04/25/21 05:39	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:05	04/25/21 05:39	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		04/24/21 12:05	04/25/21 05:39	1
o-Xylene	0.00289		0.00202	mg/Kg		04/24/21 12:05	04/25/21 05:39	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		04/24/21 12:05	04/25/21 05:39	1
Total BTEX	0.00552		0.00403	mg/Kg		04/24/21 12:05	04/25/21 05:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	04/24/21 12:05	04/25/21 05:39	1
1,4-Difluorobenzene (Surr)	120		70 - 130	04/24/21 12:05	04/25/21 05:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 05:41	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-100 2'

Lab Sample ID: 880-1544-47

Date Collected: 04/21/21 10:52

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	344		50.0	mg/Kg		04/23/21 10:55	04/24/21 05:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 05:41	1
Total TPH	344		50.0	mg/Kg		04/23/21 10:55	04/24/21 05:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130			04/23/21 10:55	04/24/21 05:41	1
o-Terphenyl	127		70 - 130			04/23/21 10:55	04/24/21 05:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	851		5.03	mg/Kg			04/26/21 22:20	1

Client Sample ID: CS101 2'

Lab Sample ID: 880-1544-48

Date Collected: 04/21/21 10:50

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0990	U	0.0990	mg/Kg		04/24/21 12:05	04/25/21 05:59	50
Toluene	1.05		0.0990	mg/Kg		04/24/21 12:05	04/25/21 05:59	50
Ethylbenzene	6.65		0.0990	mg/Kg		04/24/21 12:05	04/25/21 05:59	50
m-Xylene & p-Xylene	13.6		0.198	mg/Kg		04/24/21 12:05	04/25/21 05:59	50
o-Xylene	8.61		0.0990	mg/Kg		04/24/21 12:05	04/25/21 05:59	50
Xylenes, Total	22.2		0.198	mg/Kg		04/24/21 12:05	04/25/21 05:59	50
Total BTEX	29.9		0.198	mg/Kg		04/24/21 12:05	04/25/21 05:59	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	190	S1+	70 - 130			04/24/21 12:05	04/25/21 05:59	50
1,4-Difluorobenzene (Surr)	100		70 - 130			04/24/21 12:05	04/25/21 05:59	50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	231		49.9	mg/Kg		04/23/21 10:55	04/24/21 06:03	1
Diesel Range Organics (Over C10-C28)	1370		49.9	mg/Kg		04/23/21 10:55	04/24/21 06:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 06:03	1
Total TPH	1600		49.9	mg/Kg		04/23/21 10:55	04/24/21 06:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	29	S1-	70 - 130			04/23/21 10:55	04/24/21 06:03	1
o-Terphenyl	22	S1-	70 - 130			04/23/21 10:55	04/24/21 06:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	158		5.05	mg/Kg			04/26/21 22:25	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-102 2'

Lab Sample ID: 880-1544-49

Date Collected: 04/21/21 10:48

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 06:20	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 06:20	1
Ethylbenzene	0.00358		0.00199	mg/Kg		04/24/21 12:05	04/25/21 06:20	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 06:20	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 06:20	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 06:20	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 06:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	04/24/21 12:05	04/25/21 06:20	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/24/21 12:05	04/25/21 06:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	61.8		49.9	mg/Kg		04/23/21 10:55	04/24/21 06:25	1
Diesel Range Organics (Over C10-C28)	161		49.9	mg/Kg		04/23/21 10:55	04/24/21 06:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 06:25	1
Total TPH	223		49.9	mg/Kg		04/23/21 10:55	04/24/21 06:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	04/23/21 10:55	04/24/21 06:25	1
o-Terphenyl	118		70 - 130	04/23/21 10:55	04/24/21 06:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.1		5.00	mg/Kg			04/26/21 22:30	1

Client Sample ID: C-103 2'

Lab Sample ID: 880-1544-50

Date Collected: 04/21/21 10:46

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 06:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 06:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 06:40	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/24/21 12:05	04/25/21 06:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 06:40	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/24/21 12:05	04/25/21 06:40	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/24/21 12:05	04/25/21 06:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/24/21 12:05	04/25/21 06:40	1
1,4-Difluorobenzene (Surr)	116		70 - 130	04/24/21 12:05	04/25/21 06:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 06:46	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-103 2'

Lab Sample ID: 880-1544-50

Date Collected: 04/21/21 10:46

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 06:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 06:46	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 06:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130			04/23/21 10:55	04/24/21 06:46	1
o-Terphenyl	123		70 - 130			04/23/21 10:55	04/24/21 06:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.3		4.99	mg/Kg			04/26/21 22:35	1

Client Sample ID: C-104 2'

Lab Sample ID: 880-1544-51

Date Collected: 04/21/21 10:44

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 08:04	1
Toluene	0.00791		0.00200	mg/Kg		04/24/21 12:05	04/25/21 08:04	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 08:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/24/21 12:05	04/25/21 08:04	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 08:04	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/24/21 12:05	04/25/21 08:04	1
Total BTEX	0.00791		0.00399	mg/Kg		04/24/21 12:05	04/25/21 08:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	202	S1+	70 - 130			04/24/21 12:05	04/25/21 08:04	1
1,4-Difluorobenzene (Surr)	128		70 - 130			04/24/21 12:05	04/25/21 08:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 07:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 07:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 07:29	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 07:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130			04/23/21 10:55	04/24/21 07:29	1
o-Terphenyl	129		70 - 130			04/23/21 10:55	04/24/21 07:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.3		4.96	mg/Kg			04/25/21 00:17	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-105 2'

Lab Sample ID: 880-1544-52

Date Collected: 04/21/21 10:42

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 08:25	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 08:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 08:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/24/21 12:05	04/25/21 08:25	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 08:25	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/24/21 12:05	04/25/21 08:25	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/24/21 12:05	04/25/21 08:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/24/21 12:05	04/25/21 08:25	1
1,4-Difluorobenzene (Surr)	116		70 - 130	04/24/21 12:05	04/25/21 08:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 10:55	04/24/21 07:50	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/23/21 10:55	04/24/21 07:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 10:55	04/24/21 07:50	1
Total TPH	<49.8	U	49.8	mg/Kg		04/23/21 10:55	04/24/21 07:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	04/23/21 10:55	04/24/21 07:50	1
o-Terphenyl	113		70 - 130	04/23/21 10:55	04/24/21 07:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.0		4.98	mg/Kg			04/25/21 00:32	1

Client Sample ID: C-106 2'

Lab Sample ID: 880-1544-53

Date Collected: 04/21/21 10:40

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 08:45	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 08:45	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 08:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 08:45	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 08:45	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 08:45	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 08:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	04/24/21 12:05	04/25/21 08:45	1
1,4-Difluorobenzene (Surr)	118		70 - 130	04/24/21 12:05	04/25/21 08:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 08:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-106 2'

Lab Sample ID: 880-1544-53

Date Collected: 04/21/21 10:40

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	50.5		50.0	mg/Kg		04/23/21 10:55	04/24/21 08:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 08:11	1
Total TPH	50.5		50.0	mg/Kg		04/23/21 10:55	04/24/21 08:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			04/23/21 10:55	04/24/21 08:11	1
o-Terphenyl	116		70 - 130			04/23/21 10:55	04/24/21 08:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.9		4.99	mg/Kg			04/25/21 00:37	1

Client Sample ID: C-107 2'

Lab Sample ID: 880-1544-54

Date Collected: 04/21/21 10:38

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 09:06	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 09:06	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 09:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 09:06	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 09:06	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 09:06	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 09:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			04/24/21 12:05	04/25/21 09:06	1
1,4-Difluorobenzene (Surr)	108		70 - 130			04/24/21 12:05	04/25/21 09:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 08:32	1
Diesel Range Organics (Over C10-C28)	2470		50.0	mg/Kg		04/23/21 10:55	04/24/21 08:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 08:32	1
Total TPH	2470		50.0	mg/Kg		04/23/21 10:55	04/24/21 08:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	122		70 - 130			04/23/21 10:55	04/24/21 08:32	1
o-Terphenyl	119		70 - 130			04/23/21 10:55	04/24/21 08:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.3		5.04	mg/Kg			04/25/21 00:43	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-108 2'

Lab Sample ID: 880-1544-55

Date Collected: 04/21/21 10:36

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/24/21 12:05	04/25/21 09:27	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/24/21 12:05	04/25/21 09:27	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/24/21 12:05	04/25/21 09:27	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		04/24/21 12:05	04/25/21 09:27	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/24/21 12:05	04/25/21 09:27	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		04/24/21 12:05	04/25/21 09:27	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		04/24/21 12:05	04/25/21 09:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/24/21 12:05	04/25/21 09:27	1
1,4-Difluorobenzene (Surr)	113		70 - 130	04/24/21 12:05	04/25/21 09:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 08:53	1
Diesel Range Organics (Over C10-C28)	1040		50.0	mg/Kg		04/23/21 10:55	04/24/21 08:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 08:53	1
Total TPH	1040		50.0	mg/Kg		04/23/21 10:55	04/24/21 08:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	04/23/21 10:55	04/24/21 08:53	1
o-Terphenyl	106		70 - 130	04/23/21 10:55	04/24/21 08:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	66.9		5.05	mg/Kg			04/25/21 00:48	1

Client Sample ID: C-109 2'

Lab Sample ID: 880-1544-56

Date Collected: 04/21/21 10:34

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:05	04/25/21 09:47	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:05	04/25/21 09:47	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:05	04/25/21 09:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/24/21 12:05	04/25/21 09:47	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/24/21 12:05	04/25/21 09:47	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/24/21 12:05	04/25/21 09:47	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/24/21 12:05	04/25/21 09:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	04/24/21 12:05	04/25/21 09:47	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/24/21 12:05	04/25/21 09:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 09:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-109 2'

Lab Sample ID: 880-1544-56

Date Collected: 04/21/21 10:34

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	161		49.9	mg/Kg		04/23/21 10:55	04/24/21 09:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 09:14	1
Total TPH	161		49.9	mg/Kg		04/23/21 10:55	04/24/21 09:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			04/23/21 10:55	04/24/21 09:14	1
o-Terphenyl	121		70 - 130			04/23/21 10:55	04/24/21 09:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.0		4.97	mg/Kg			04/25/21 01:03	1

Client Sample ID: C-110 2'

Lab Sample ID: 880-1544-57

Date Collected: 04/21/21 13:28

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0994	U	0.0994	mg/Kg		04/24/21 12:05	04/25/21 10:08	50
Toluene	0.964		0.0994	mg/Kg		04/24/21 12:05	04/25/21 10:08	50
Ethylbenzene	6.29		0.0994	mg/Kg		04/24/21 12:05	04/25/21 10:08	50
m-Xylene & p-Xylene	16.1		0.199	mg/Kg		04/24/21 12:05	04/25/21 10:08	50
o-Xylene	10.2		0.0994	mg/Kg		04/24/21 12:05	04/25/21 10:08	50
Xylenes, Total	26.3		0.199	mg/Kg		04/24/21 12:05	04/25/21 10:08	50
Total BTEX	33.6		0.199	mg/Kg		04/24/21 12:05	04/25/21 10:08	50
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	191	S1+	70 - 130			04/24/21 12:05	04/25/21 10:08	50
1,4-Difluorobenzene (Surr)	98		70 - 130			04/24/21 12:05	04/25/21 10:08	50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	409		50.0	mg/Kg		04/23/21 10:55	04/24/21 09:35	1
Diesel Range Organics (Over C10-C28)	2180		50.0	mg/Kg		04/23/21 10:55	04/24/21 09:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 09:35	1
Total TPH	2590		50.0	mg/Kg		04/23/21 10:55	04/24/21 09:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	55	S1-	70 - 130			04/23/21 10:55	04/24/21 09:35	1
o-Terphenyl	23	S1-	70 - 130			04/23/21 10:55	04/24/21 09:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1180		4.98	mg/Kg			04/25/21 01:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-111 2'

Lab Sample ID: 880-1544-58

Date Collected: 04/21/21 10:30

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 10:29	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 10:29	1
Ethylbenzene	0.0385		0.00200	mg/Kg		04/24/21 12:05	04/25/21 10:29	1
m-Xylene & p-Xylene	0.0262		0.00401	mg/Kg		04/24/21 12:05	04/25/21 10:29	1
o-Xylene	0.00908		0.00200	mg/Kg		04/24/21 12:05	04/25/21 10:29	1
Xylenes, Total	0.0353		0.00401	mg/Kg		04/24/21 12:05	04/25/21 10:29	1
Total BTEX	0.0738		0.00401	mg/Kg		04/24/21 12:05	04/25/21 10:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	255	S1+	70 - 130	04/24/21 12:05	04/25/21 10:29	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/24/21 12:05	04/25/21 10:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 10:00	1
Diesel Range Organics (Over C10-C28)	668		49.9	mg/Kg		04/23/21 10:55	04/24/21 10:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 10:55	04/24/21 10:00	1
Total TPH	668		49.9	mg/Kg		04/23/21 10:55	04/24/21 10:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	24	S1-	70 - 130	04/23/21 10:55	04/24/21 10:00	1
o-Terphenyl	23	S1-	70 - 130	04/23/21 10:55	04/24/21 10:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	377		4.99	mg/Kg			04/25/21 01:13	1

Client Sample ID: C-112 2'

Lab Sample ID: 880-1544-59

Date Collected: 04/21/21 10:28

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:05	04/25/21 10:50	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:05	04/25/21 10:50	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:05	04/25/21 10:50	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/24/21 12:05	04/25/21 10:50	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/24/21 12:05	04/25/21 10:50	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/24/21 12:05	04/25/21 10:50	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/24/21 12:05	04/25/21 10:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/24/21 12:05	04/25/21 10:50	1
1,4-Difluorobenzene (Surr)	111		70 - 130	04/24/21 12:05	04/25/21 10:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 10:21	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-112 2'

Lab Sample ID: 880-1544-59

Date Collected: 04/21/21 10:28

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 10:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 10:21	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 10:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130			04/23/21 10:55	04/24/21 10:21	1
o-Terphenyl	118		70 - 130			04/23/21 10:55	04/24/21 10:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	45.2		4.95	mg/Kg			04/25/21 01:18	1

Client Sample ID: C-113 2'

Lab Sample ID: 880-1544-60

Date Collected: 04/21/21 10:26

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 11:10	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 11:10	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 11:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 11:10	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/24/21 12:05	04/25/21 11:10	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 11:10	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/24/21 12:05	04/25/21 11:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			04/24/21 12:05	04/25/21 11:10	1
1,4-Difluorobenzene (Surr)	97		70 - 130			04/24/21 12:05	04/25/21 11:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 10:55	04/24/21 10:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/23/21 10:55	04/24/21 10:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 10:55	04/24/21 10:42	1
Total TPH	<49.8	U	49.8	mg/Kg		04/23/21 10:55	04/24/21 10:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130			04/23/21 10:55	04/24/21 10:42	1
o-Terphenyl	110		70 - 130			04/23/21 10:55	04/24/21 10:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.3		4.95	mg/Kg			04/25/21 01:23	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-114 2'

Lab Sample ID: 880-1544-61

Date Collected: 04/21/21 10:24

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 12:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 12:33	1
Ethylbenzene	<0.00200	U F1	0.00200	mg/Kg		04/23/21 11:53	04/26/21 12:33	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399	mg/Kg		04/23/21 11:53	04/26/21 12:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 12:33	1
Xylenes, Total	<0.00399	U F1	0.00399	mg/Kg		04/23/21 11:53	04/26/21 12:33	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/23/21 11:53	04/26/21 12:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/23/21 11:53	04/26/21 12:33	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/23/21 11:53	04/26/21 12:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	49.9	mg/Kg		04/23/21 11:12	04/23/21 17:00	1
Diesel Range Organics (Over C10-C28)	648	F1	49.9	mg/Kg		04/23/21 11:12	04/23/21 17:00	1
Oil Range Organics (Over C28-C36)	81.7		49.9	mg/Kg		04/23/21 11:12	04/23/21 17:00	1
Total TPH	730		49.9	mg/Kg		04/23/21 11:12	04/23/21 17:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	04/23/21 11:12	04/23/21 17:00	1
o-Terphenyl	115		70 - 130	04/23/21 11:12	04/23/21 17:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	71.4		4.95	mg/Kg			04/25/21 01:28	1

Client Sample ID: C-115 2'

Lab Sample ID: 880-1544-62

Date Collected: 04/21/21 10:22

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0200	U	0.0200	mg/Kg		04/23/21 11:53	04/26/21 12:53	10
Toluene	<0.0200	U	0.0200	mg/Kg		04/23/21 11:53	04/26/21 12:53	10
Ethylbenzene	<0.0200	U	0.0200	mg/Kg		04/23/21 11:53	04/26/21 12:53	10
m-Xylene & p-Xylene	<0.0399	U	0.0399	mg/Kg		04/23/21 11:53	04/26/21 12:53	10
o-Xylene	<0.0200	U	0.0200	mg/Kg		04/23/21 11:53	04/26/21 12:53	10
Xylenes, Total	<0.0399	U	0.0399	mg/Kg		04/23/21 11:53	04/26/21 12:53	10
Total BTEX	<0.0399	U	0.0399	mg/Kg		04/23/21 11:53	04/26/21 12:53	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	04/23/21 11:53	04/26/21 12:53	10
1,4-Difluorobenzene (Surr)	104		70 - 130	04/23/21 11:53	04/26/21 12:53	10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/23/21 18:10	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-115 2'

Lab Sample ID: 880-1544-62

Date Collected: 04/21/21 10:22

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	1780		49.9	mg/Kg		04/23/21 11:12	04/23/21 18:10	1
Oil Range Organics (Over C28-C36)	197		49.9	mg/Kg		04/23/21 11:12	04/23/21 18:10	1
Total TPH	1980		49.9	mg/Kg		04/23/21 11:12	04/23/21 18:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	143	S1+	70 - 130	04/23/21 11:12	04/23/21 18:10	1
o-Terphenyl	122		70 - 130	04/23/21 11:12	04/23/21 18:10	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	947		5.05	mg/Kg			04/25/21 01:43	1

Client Sample ID: C-116 2'

Lab Sample ID: 880-1544-63

Date Collected: 04/21/21 10:20

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 13:14	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 13:14	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 13:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 13:14	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 13:14	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 13:14	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 13:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/23/21 11:53	04/26/21 13:14	1
1,4-Difluorobenzene (Surr)	104		70 - 130	04/23/21 11:53	04/26/21 13:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 11:12	04/23/21 18:31	1
Diesel Range Organics (Over C10-C28)	1360		49.8	mg/Kg		04/23/21 11:12	04/23/21 18:31	1
Oil Range Organics (Over C28-C36)	152		49.8	mg/Kg		04/23/21 11:12	04/23/21 18:31	1
Total TPH	1510		49.8	mg/Kg		04/23/21 11:12	04/23/21 18:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	138	S1+	70 - 130	04/23/21 11:12	04/23/21 18:31	1
o-Terphenyl	126		70 - 130	04/23/21 11:12	04/23/21 18:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	274		4.99	mg/Kg			04/25/21 07:17	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-117 2'

Lab Sample ID: 880-1544-64

Date Collected: 04/21/21 10:18

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 13:34	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 13:34	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 13:34	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 13:34	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 13:34	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 13:34	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 13:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/23/21 11:53	04/26/21 13:34	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/23/21 11:53	04/26/21 13:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/23/21 18:52	1
Diesel Range Organics (Over C10-C28)	683		49.9	mg/Kg		04/23/21 11:12	04/23/21 18:52	1
Oil Range Organics (Over C28-C36)	89.0		49.9	mg/Kg		04/23/21 11:12	04/23/21 18:52	1
Total TPH	772		49.9	mg/Kg		04/23/21 11:12	04/23/21 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	04/23/21 11:12	04/23/21 18:52	1
o-Terphenyl	116		70 - 130	04/23/21 11:12	04/23/21 18:52	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	75.1		4.96	mg/Kg			04/25/21 07:32	1

Client Sample ID: C-118 2'

Lab Sample ID: 880-1544-65

Date Collected: 04/21/21 10:16

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 13:54	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 13:54	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 13:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/23/21 11:53	04/26/21 13:54	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 13:54	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/23/21 11:53	04/26/21 13:54	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/23/21 11:53	04/26/21 13:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/23/21 11:53	04/26/21 13:54	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/23/21 11:53	04/26/21 13:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 19:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-118 2'

Lab Sample ID: 880-1544-65

Date Collected: 04/21/21 10:16

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	86.9		50.0	mg/Kg		04/23/21 11:12	04/23/21 19:14	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 19:14	1
Total TPH	86.9		50.0	mg/Kg		04/23/21 11:12	04/23/21 19:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130			04/23/21 11:12	04/23/21 19:14	1
o-Terphenyl	106		70 - 130			04/23/21 11:12	04/23/21 19:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.7		4.95	mg/Kg			04/25/21 07:38	1

Client Sample ID: C-119 2'

Lab Sample ID: 880-1544-66

Date Collected: 04/21/21 10:14

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:15	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:15	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:15	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/23/21 11:53	04/26/21 14:15	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:15	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/23/21 11:53	04/26/21 14:15	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/23/21 11:53	04/26/21 14:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130			04/23/21 11:53	04/26/21 14:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130			04/23/21 11:53	04/26/21 14:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 19:35	1
Diesel Range Organics (Over C10-C28)	341		50.0	mg/Kg		04/23/21 11:12	04/23/21 19:35	1
Oil Range Organics (Over C28-C36)	52.9		50.0	mg/Kg		04/23/21 11:12	04/23/21 19:35	1
Total TPH	394		50.0	mg/Kg		04/23/21 11:12	04/23/21 19:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	113		70 - 130			04/23/21 11:12	04/23/21 19:35	1
o-Terphenyl	115		70 - 130			04/23/21 11:12	04/23/21 19:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	630		5.04	mg/Kg			04/25/21 07:43	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-120 2'

Lab Sample ID: 880-1544-67

Date Collected: 04/21/21 10:12

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:35	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:35	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:35	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/23/21 11:53	04/26/21 14:35	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:35	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/23/21 11:53	04/26/21 14:35	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/23/21 11:53	04/26/21 14:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/23/21 11:53	04/26/21 14:35	1
1,4-Difluorobenzene (Surr)	106		70 - 130	04/23/21 11:53	04/26/21 14:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 19:56	1
Diesel Range Organics (Over C10-C28)	2120		50.0	mg/Kg		04/23/21 11:12	04/23/21 19:56	1
Oil Range Organics (Over C28-C36)	223		50.0	mg/Kg		04/23/21 11:12	04/23/21 19:56	1
Total TPH	2340		50.0	mg/Kg		04/23/21 11:12	04/23/21 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	137	S1+	70 - 130	04/23/21 11:12	04/23/21 19:56	1
o-Terphenyl	114		70 - 130	04/23/21 11:12	04/23/21 19:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	387		5.02	mg/Kg			04/25/21 07:48	1

Client Sample ID: C-121 2'

Lab Sample ID: 880-1544-68

Date Collected: 04/21/21 10:10

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:56	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:56	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:56	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		04/23/21 11:53	04/26/21 14:56	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 14:56	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		04/23/21 11:53	04/26/21 14:56	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		04/23/21 11:53	04/26/21 14:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/23/21 11:53	04/26/21 14:56	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/23/21 11:53	04/26/21 14:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/23/21 20:18	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-121 2'

Lab Sample ID: 880-1544-68

Date Collected: 04/21/21 10:10

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	91.8		49.9	mg/Kg		04/23/21 11:12	04/23/21 20:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/23/21 20:18	1
Total TPH	91.8		49.9	mg/Kg		04/23/21 11:12	04/23/21 20:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			04/23/21 11:12	04/23/21 20:18	1
o-Terphenyl	106		70 - 130			04/23/21 11:12	04/23/21 20:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.3		5.02	mg/Kg			04/25/21 08:03	1

Client Sample ID: C-122 2'

Lab Sample ID: 880-1544-69

Date Collected: 04/21/21 10:08

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:53	04/26/21 15:16	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:53	04/26/21 15:16	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:53	04/26/21 15:16	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/23/21 11:53	04/26/21 15:16	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:53	04/26/21 15:16	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/23/21 11:53	04/26/21 15:16	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/23/21 11:53	04/26/21 15:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			04/23/21 11:53	04/26/21 15:16	1
1,4-Difluorobenzene (Surr)	96		70 - 130			04/23/21 11:53	04/26/21 15:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/23/21 20:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/23/21 20:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/23/21 20:45	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/23/21 20:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			04/23/21 11:12	04/23/21 20:45	1
o-Terphenyl	100		70 - 130			04/23/21 11:12	04/23/21 20:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		4.98	mg/Kg			04/25/21 08:08	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-123 2'

Lab Sample ID: 880-1544-70

Date Collected: 04/21/21 10:06

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 15:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 15:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 15:36	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/23/21 11:53	04/26/21 15:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 15:36	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/23/21 11:53	04/26/21 15:36	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/23/21 11:53	04/26/21 15:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/23/21 11:53	04/26/21 15:36	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/23/21 11:53	04/26/21 15:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 21:08	1
Diesel Range Organics (Over C10-C28)	341		50.0	mg/Kg		04/23/21 11:12	04/23/21 21:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 21:08	1
Total TPH	341		50.0	mg/Kg		04/23/21 11:12	04/23/21 21:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	04/23/21 11:12	04/23/21 21:08	1
o-Terphenyl	127		70 - 130	04/23/21 11:12	04/23/21 21:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.8		5.03	mg/Kg			04/25/21 08:13	1

Client Sample ID: C-124 2'

Lab Sample ID: 880-1544-71

Date Collected: 04/21/21 10:04

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 16:58	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 16:58	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 16:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/23/21 11:53	04/26/21 16:58	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:53	04/26/21 16:58	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/23/21 11:53	04/26/21 16:58	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/23/21 11:53	04/26/21 16:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/23/21 11:53	04/26/21 16:58	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/23/21 11:53	04/26/21 16:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/23/21 21:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-124 2'

Lab Sample ID: 880-1544-71

Date Collected: 04/21/21 10:04

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	1240		49.9	mg/Kg		04/23/21 11:12	04/23/21 21:50	1
Oil Range Organics (Over C28-C36)	156		49.9	mg/Kg		04/23/21 11:12	04/23/21 21:50	1
Total TPH	1400		49.9	mg/Kg		04/23/21 11:12	04/23/21 21:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130	04/23/21 11:12	04/23/21 21:50	1
o-Terphenyl	108		70 - 130	04/23/21 11:12	04/23/21 21:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	371		4.98	mg/Kg			04/25/21 08:18	1

Client Sample ID: C-125 2'

Lab Sample ID: 880-1544-72

Date Collected: 04/21/21 10:02

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 17:19	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 17:19	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 17:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/23/21 11:53	04/26/21 17:19	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 17:19	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/23/21 11:53	04/26/21 17:19	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/23/21 11:53	04/26/21 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/23/21 11:53	04/26/21 17:19	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/23/21 11:53	04/26/21 17:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 11:12	04/23/21 22:11	1
Diesel Range Organics (Over C10-C28)	93.5		49.8	mg/Kg		04/23/21 11:12	04/23/21 22:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 11:12	04/23/21 22:11	1
Total TPH	93.5		49.8	mg/Kg		04/23/21 11:12	04/23/21 22:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	04/23/21 11:12	04/23/21 22:11	1
o-Terphenyl	119		70 - 130	04/23/21 11:12	04/23/21 22:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	179		4.98	mg/Kg			04/25/21 08:23	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-126 2'

Lab Sample ID: 880-1544-73

Date Collected: 04/21/21 10:00

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0400	U	0.0400	mg/Kg		04/23/21 11:53	04/26/21 17:39	20
Toluene	<0.0400	U	0.0400	mg/Kg		04/23/21 11:53	04/26/21 17:39	20
Ethylbenzene	0.0846		0.0400	mg/Kg		04/23/21 11:53	04/26/21 17:39	20
m-Xylene & p-Xylene	0.136		0.0800	mg/Kg		04/23/21 11:53	04/26/21 17:39	20
o-Xylene	<0.0400	U	0.0400	mg/Kg		04/23/21 11:53	04/26/21 17:39	20
Xylenes, Total	0.136		0.0800	mg/Kg		04/23/21 11:53	04/26/21 17:39	20
Total BTEX	0.221		0.0800	mg/Kg		04/23/21 11:53	04/26/21 17:39	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	159	S1+	70 - 130	04/23/21 11:53	04/26/21 17:39	20
1,4-Difluorobenzene (Surr)	102		70 - 130	04/23/21 11:53	04/26/21 17:39	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 22:32	1
Diesel Range Organics (Over C10-C28)	2440		50.0	mg/Kg		04/23/21 11:12	04/23/21 22:32	1
Oil Range Organics (Over C28-C36)	291		50.0	mg/Kg		04/23/21 11:12	04/23/21 22:32	1
Total TPH	2730		50.0	mg/Kg		04/23/21 11:12	04/23/21 22:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	24	S1-	70 - 130	04/23/21 11:12	04/23/21 22:32	1
o-Terphenyl	19	S1-	70 - 130	04/23/21 11:12	04/23/21 22:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1030		5.05	mg/Kg			04/25/21 08:28	1

Client Sample ID: C-127 2'

Lab Sample ID: 880-1544-74

Date Collected: 04/21/21 09:58

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 17:59	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 17:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 17:59	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/23/21 11:53	04/26/21 17:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 17:59	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/23/21 11:53	04/26/21 17:59	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/23/21 11:53	04/26/21 17:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/23/21 11:53	04/26/21 17:59	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/23/21 11:53	04/26/21 17:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 22:53	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-127 2'

Lab Sample ID: 880-1544-74

Date Collected: 04/21/21 09:58

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	172		50.0	mg/Kg		04/23/21 11:12	04/23/21 22:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 22:53	1
Total TPH	172		50.0	mg/Kg		04/23/21 11:12	04/23/21 22:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130			04/23/21 11:12	04/23/21 22:53	1
o-Terphenyl	131	S1+	70 - 130			04/23/21 11:12	04/23/21 22:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1870		24.9	mg/Kg			04/25/21 08:44	5

Client Sample ID: C-128 2'

Lab Sample ID: 880-1544-75

Date Collected: 04/21/21 09:56

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 18:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 18:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 18:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/23/21 11:53	04/26/21 18:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 18:20	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/23/21 11:53	04/26/21 18:20	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/23/21 11:53	04/26/21 18:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			04/23/21 11:53	04/26/21 18:20	1
1,4-Difluorobenzene (Surr)	99		70 - 130			04/23/21 11:53	04/26/21 18:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 23:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 23:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 23:17	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 23:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130			04/23/21 11:12	04/23/21 23:17	1
o-Terphenyl	117		70 - 130			04/23/21 11:12	04/23/21 23:17	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.4		5.00	mg/Kg			04/25/21 08:49	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-129 2'

Lab Sample ID: 880-1544-76

Date Collected: 04/21/21 09:54

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/23/21 11:53	04/26/21 18:40	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/23/21 11:53	04/26/21 18:40	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/23/21 11:53	04/26/21 18:40	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		04/23/21 11:53	04/26/21 18:40	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/23/21 11:53	04/26/21 18:40	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		04/23/21 11:53	04/26/21 18:40	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		04/23/21 11:53	04/26/21 18:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	04/23/21 11:53	04/26/21 18:40	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/23/21 11:53	04/26/21 18:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/23/21 23:38	1
Diesel Range Organics (Over C10-C28)	1480		49.9	mg/Kg		04/23/21 11:12	04/23/21 23:38	1
Oil Range Organics (Over C28-C36)	156		49.9	mg/Kg		04/23/21 11:12	04/23/21 23:38	1
Total TPH	1640		49.9	mg/Kg		04/23/21 11:12	04/23/21 23:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	04/23/21 11:12	04/23/21 23:38	1
o-Terphenyl	93		70 - 130	04/23/21 11:12	04/23/21 23:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	30.2		4.96	mg/Kg			04/25/21 09:04	1

Client Sample ID: C-130 2'

Lab Sample ID: 880-1544-77

Date Collected: 04/21/21 09:52

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:01	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:01	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 19:01	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:01	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 19:01	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 19:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/23/21 11:53	04/26/21 19:01	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/23/21 11:53	04/26/21 19:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/24/21 00:00	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-130 2'

Lab Sample ID: 880-1544-77

Date Collected: 04/21/21 09:52

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	126		50.0	mg/Kg		04/23/21 11:12	04/24/21 00:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/24/21 00:00	1
Total TPH	126		50.0	mg/Kg		04/23/21 11:12	04/24/21 00:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			04/23/21 11:12	04/24/21 00:00	1
o-Terphenyl	102		70 - 130			04/23/21 11:12	04/24/21 00:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	47.0		5.00	mg/Kg			04/25/21 09:09	1

Client Sample ID: C-131 2' SW

Lab Sample ID: 880-1544-78

Date Collected: 04/21/21 09:50

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:21	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:21	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 19:21	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:21	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 19:21	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 19:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			04/23/21 11:53	04/26/21 19:21	1
1,4-Difluorobenzene (Surr)	94		70 - 130			04/23/21 11:53	04/26/21 19:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/24/21 00:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/24/21 00:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/24/21 00:21	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 11:12	04/24/21 00:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130			04/23/21 11:12	04/24/21 00:21	1
o-Terphenyl	110		70 - 130			04/23/21 11:12	04/24/21 00:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.29		5.00	mg/Kg			04/25/21 09:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-132 2' SW

Lab Sample ID: 880-1544-79

Date Collected: 04/21/21 09:48

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:41	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:41	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 19:41	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:53	04/26/21 19:41	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 19:41	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 11:53	04/26/21 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/23/21 11:53	04/26/21 19:41	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/23/21 11:53	04/26/21 19:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/24/21 00:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/24/21 00:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/24/21 00:42	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/24/21 00:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130	04/23/21 11:12	04/24/21 00:42	1
o-Terphenyl	98		70 - 130	04/23/21 11:12	04/24/21 00:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.5		5.01	mg/Kg			04/25/21 20:58	1

Client Sample ID: C-133 2' SW

Lab Sample ID: 880-1544-80

Date Collected: 04/21/21 09:46

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		04/23/21 11:53	04/26/21 20:02	1
Toluene	<0.00198	U	0.00198	mg/Kg		04/23/21 11:53	04/26/21 20:02	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		04/23/21 11:53	04/26/21 20:02	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		04/23/21 11:53	04/26/21 20:02	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		04/23/21 11:53	04/26/21 20:02	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		04/23/21 11:53	04/26/21 20:02	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		04/23/21 11:53	04/26/21 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/23/21 11:53	04/26/21 20:02	1
1,4-Difluorobenzene (Surr)	95		70 - 130	04/23/21 11:53	04/26/21 20:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 11:12	04/24/21 01:03	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-133 2' SW

Lab Sample ID: 880-1544-80

Date Collected: 04/21/21 09:46

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/23/21 11:12	04/24/21 01:03	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 11:12	04/24/21 01:03	1
Total TPH	<49.8	U	49.8	mg/Kg		04/23/21 11:12	04/24/21 01:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			04/23/21 11:12	04/24/21 01:03	1
o-Terphenyl	91		70 - 130			04/23/21 11:12	04/24/21 01:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		4.97	mg/Kg			04/25/21 21:13	1

Client Sample ID: C-134 2' SW

Lab Sample ID: 880-1544-81

Date Collected: 04/21/21 09:49

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201	mg/Kg		04/23/21 11:17	04/24/21 12:18	1
Toluene	<0.00201	U F2 F1	0.00201	mg/Kg		04/23/21 11:17	04/24/21 12:18	1
Ethylbenzene	<0.00201	U F2 F1	0.00201	mg/Kg		04/23/21 11:17	04/24/21 12:18	1
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.00402	mg/Kg		04/23/21 11:17	04/24/21 12:18	1
o-Xylene	<0.00201	U F2 F1	0.00201	mg/Kg		04/23/21 11:17	04/24/21 12:18	1
Xylenes, Total	<0.00402	U F2 F1	0.00402	mg/Kg		04/23/21 11:17	04/24/21 12:18	1
Total BTEX	<0.00402	U F2 F1	0.00402	mg/Kg		04/23/21 11:17	04/24/21 12:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			04/23/21 11:17	04/24/21 12:18	1
1,4-Difluorobenzene (Surr)	101		70 - 130			04/23/21 11:17	04/24/21 12:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 02:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 02:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 02:49	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 02:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130			04/23/21 11:29	04/24/21 02:49	1
o-Terphenyl	119		70 - 130			04/23/21 11:29	04/24/21 02:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.98	mg/Kg			04/25/21 21:18	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-135 2' SW

Lab Sample ID: 880-1544-82

Date Collected: 04/21/21 09:42

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 12:38	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 12:38	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 12:38	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/23/21 11:17	04/24/21 12:38	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 12:38	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/23/21 11:17	04/24/21 12:38	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/23/21 11:17	04/24/21 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	04/23/21 11:17	04/24/21 12:38	1
1,4-Difluorobenzene (Surr)	105		70 - 130	04/23/21 11:17	04/24/21 12:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 03:53	1
Diesel Range Organics (Over C10-C28)	2160		49.9	mg/Kg		04/23/21 11:29	04/24/21 03:53	1
Oil Range Organics (Over C28-C36)	235		49.9	mg/Kg		04/23/21 11:29	04/24/21 03:53	1
Total TPH	2400		49.9	mg/Kg		04/23/21 11:29	04/24/21 03:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	04/23/21 11:29	04/24/21 03:53	1
o-Terphenyl	90		70 - 130	04/23/21 11:29	04/24/21 03:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.4		5.02	mg/Kg			04/25/21 21:23	1

Client Sample ID: C-136 2' SW

Lab Sample ID: 880-1544-83

Date Collected: 04/21/21 09:40

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 12:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 12:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 12:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 12:59	1
o-Xylene	0.00262		0.00199	mg/Kg		04/23/21 11:17	04/24/21 12:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 12:59	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 12:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	04/23/21 11:17	04/24/21 12:59	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/23/21 11:17	04/24/21 12:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 11:29	04/24/21 04:15	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-136 2' SW

Lab Sample ID: 880-1544-83

Date Collected: 04/21/21 09:40

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	847		49.8	mg/Kg		04/23/21 11:29	04/24/21 04:15	1
Oil Range Organics (Over C28-C36)	94.5		49.8	mg/Kg		04/23/21 11:29	04/24/21 04:15	1
Total TPH	942		49.8	mg/Kg		04/23/21 11:29	04/24/21 04:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	04/23/21 11:29	04/24/21 04:15	1
o-Terphenyl	80		70 - 130	04/23/21 11:29	04/24/21 04:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.70		5.02	mg/Kg			04/25/21 21:28	1

Client Sample ID: C-137 4'

Lab Sample ID: 880-1544-84

Date Collected: 04/21/21 09:38

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 13:19	1
Toluene	0.00205		0.00200	mg/Kg		04/23/21 11:17	04/24/21 13:19	1
Ethylbenzene	0.0101		0.00200	mg/Kg		04/23/21 11:17	04/24/21 13:19	1
m-Xylene & p-Xylene	0.0420		0.00399	mg/Kg		04/23/21 11:17	04/24/21 13:19	1
o-Xylene	0.0339		0.00200	mg/Kg		04/23/21 11:17	04/24/21 13:19	1
Xylenes, Total	0.0759		0.00399	mg/Kg		04/23/21 11:17	04/24/21 13:19	1
Total BTEX	0.0881		0.00399	mg/Kg		04/23/21 11:17	04/24/21 13:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	143	S1+	70 - 130	04/23/21 11:17	04/24/21 13:19	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/23/21 11:17	04/24/21 13:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	54.1		49.9	mg/Kg		04/23/21 11:29	04/24/21 04:36	1
Diesel Range Organics (Over C10-C28)	1980		49.9	mg/Kg		04/23/21 11:29	04/24/21 04:36	1
Oil Range Organics (Over C28-C36)	255		49.9	mg/Kg		04/23/21 11:29	04/24/21 04:36	1
Total TPH	2290		49.9	mg/Kg		04/23/21 11:29	04/24/21 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	25	S1-	70 - 130	04/23/21 11:29	04/24/21 04:36	1
o-Terphenyl	20	S1-	70 - 130	04/23/21 11:29	04/24/21 04:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	473		4.99	mg/Kg			04/25/21 21:44	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-138 4'

Lab Sample ID: 880-1544-85

Date Collected: 04/21/21 09:36

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:17	04/24/21 13:39	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:17	04/24/21 13:39	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:17	04/24/21 13:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/23/21 11:17	04/24/21 13:39	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:17	04/24/21 13:39	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/23/21 11:17	04/24/21 13:39	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/23/21 11:17	04/24/21 13:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/23/21 11:17	04/24/21 13:39	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/23/21 11:17	04/24/21 13:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 04:58	1
Diesel Range Organics (Over C10-C28)	254		50.0	mg/Kg		04/23/21 11:29	04/24/21 04:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 04:58	1
Total TPH	254		50.0	mg/Kg		04/23/21 11:29	04/24/21 04:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	94		70 - 130	04/23/21 11:29	04/24/21 04:58	1
o-Terphenyl	91		70 - 130	04/23/21 11:29	04/24/21 04:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.3		4.96	mg/Kg			04/25/21 21:49	1

Client Sample ID: C-139 4'

Lab Sample ID: 880-1544-86

Date Collected: 04/21/21 09:34

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 14:00	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 14:00	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 14:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/23/21 11:17	04/24/21 14:00	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 14:00	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/23/21 11:17	04/24/21 14:00	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/23/21 11:17	04/24/21 14:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	04/23/21 11:17	04/24/21 14:00	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/23/21 11:17	04/24/21 14:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 05:20	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-139 4'

Lab Sample ID: 880-1544-86

Date Collected: 04/21/21 09:34

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	236		50.0	mg/Kg		04/23/21 11:29	04/24/21 05:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 05:20	1
Total TPH	236		50.0	mg/Kg		04/23/21 11:29	04/24/21 05:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			04/23/21 11:29	04/24/21 05:20	1
o-Terphenyl	102		70 - 130			04/23/21 11:29	04/24/21 05:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		5.03	mg/Kg			04/25/21 21:54	1

Client Sample ID: C-140 4'

Lab Sample ID: 880-1544-87

Date Collected: 04/21/21 09:32

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 14:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 14:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 14:20	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/23/21 11:17	04/24/21 14:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 14:20	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/23/21 11:17	04/24/21 14:20	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/23/21 11:17	04/24/21 14:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			04/23/21 11:17	04/24/21 14:20	1
1,4-Difluorobenzene (Surr)	99		70 - 130			04/23/21 11:17	04/24/21 14:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 05:41	1
Diesel Range Organics (Over C10-C28)	109		50.0	mg/Kg		04/23/21 11:29	04/24/21 05:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 05:41	1
Total TPH	109		50.0	mg/Kg		04/23/21 11:29	04/24/21 05:41	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			04/23/21 11:29	04/24/21 05:41	1
o-Terphenyl	106		70 - 130			04/23/21 11:29	04/24/21 05:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.7		5.05	mg/Kg			04/25/21 21:59	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-141 4'

Lab Sample ID: 880-1544-88

Date Collected: 04/21/21 09:30

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 14:41	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 14:41	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 14:41	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/23/21 11:17	04/24/21 14:41	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 14:41	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/23/21 11:17	04/24/21 14:41	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/23/21 11:17	04/24/21 14:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	04/23/21 11:17	04/24/21 14:41	1
1,4-Difluorobenzene (Surr)	101		70 - 130	04/23/21 11:17	04/24/21 14:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 06:03	1
Diesel Range Organics (Over C10-C28)	121		49.9	mg/Kg		04/23/21 11:29	04/24/21 06:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 06:03	1
Total TPH	121		49.9	mg/Kg		04/23/21 11:29	04/24/21 06:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	126		70 - 130	04/23/21 11:29	04/24/21 06:03	1
o-Terphenyl	128		70 - 130	04/23/21 11:29	04/24/21 06:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		4.97	mg/Kg			04/25/21 22:04	1

Client Sample ID: C-142 4'

Lab Sample ID: 880-1544-89

Date Collected: 04/21/21 09:28

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 15:01	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 15:01	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 15:01	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 15:01	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 15:01	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 15:01	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 15:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/23/21 11:17	04/24/21 15:01	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/23/21 11:17	04/24/21 15:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 06:25	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-142 4'

Lab Sample ID: 880-1544-89

Date Collected: 04/21/21 09:28

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 06:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 06:25	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 06:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130			04/23/21 11:29	04/24/21 06:25	1
o-Terphenyl	131	S1+	70 - 130			04/23/21 11:29	04/24/21 06:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.4		4.99	mg/Kg			04/25/21 22:09	1

Client Sample ID: C-143 4'

Lab Sample ID: 880-1544-90

Date Collected: 04/21/21 09:26

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:17	04/24/21 15:22	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:17	04/24/21 15:22	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:17	04/24/21 15:22	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/23/21 11:17	04/24/21 15:22	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:17	04/24/21 15:22	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/23/21 11:17	04/24/21 15:22	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		04/23/21 11:17	04/24/21 15:22	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			04/23/21 11:17	04/24/21 15:22	1
1,4-Difluorobenzene (Surr)	99		70 - 130			04/23/21 11:17	04/24/21 15:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 06:46	1
Diesel Range Organics (Over C10-C28)	67.1		50.0	mg/Kg		04/23/21 11:29	04/24/21 06:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 06:46	1
Total TPH	67.1		50.0	mg/Kg		04/23/21 11:29	04/24/21 06:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	123		70 - 130			04/23/21 11:29	04/24/21 06:46	1
o-Terphenyl	120		70 - 130			04/23/21 11:29	04/24/21 06:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.4		4.95	mg/Kg			04/25/21 22:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-144 4'

Lab Sample ID: 880-1544-91

Date Collected: 04/21/21 09:24

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 16:43	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 16:43	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 16:43	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		04/23/21 11:17	04/24/21 16:43	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 16:43	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		04/23/21 11:17	04/24/21 16:43	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		04/23/21 11:17	04/24/21 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	04/23/21 11:17	04/24/21 16:43	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/23/21 11:17	04/24/21 16:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 07:29	1
Diesel Range Organics (Over C10-C28)	182		49.9	mg/Kg		04/23/21 11:29	04/24/21 07:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 07:29	1
Total TPH	182		49.9	mg/Kg		04/23/21 11:29	04/24/21 07:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	04/23/21 11:29	04/24/21 07:29	1
o-Terphenyl	90		70 - 130	04/23/21 11:29	04/24/21 07:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.4		4.96	mg/Kg			04/25/21 22:29	1

Client Sample ID: C-145 4'

Lab Sample ID: 880-1544-92

Date Collected: 04/21/21 09:22

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 17:04	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 17:04	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 17:04	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/23/21 11:17	04/24/21 17:04	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 17:04	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/23/21 11:17	04/24/21 17:04	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/23/21 11:17	04/24/21 17:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/23/21 11:17	04/24/21 17:04	1
1,4-Difluorobenzene (Surr)	100		70 - 130	04/23/21 11:17	04/24/21 17:04	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 11:29	04/24/21 07:50	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-145 4'

Lab Sample ID: 880-1544-92

Date Collected: 04/21/21 09:22

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	143		49.8	mg/Kg		04/23/21 11:29	04/24/21 07:50	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 11:29	04/24/21 07:50	1
Total TPH	143		49.8	mg/Kg		04/23/21 11:29	04/24/21 07:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	75		70 - 130			04/23/21 11:29	04/24/21 07:50	1
o-Terphenyl	68	S1-	70 - 130			04/23/21 11:29	04/24/21 07:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.6		4.99	mg/Kg			04/25/21 23:10	1

Client Sample ID: C-146 4'

Lab Sample ID: 880-1544-93

Date Collected: 04/21/21 09:20

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 17:24	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 17:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 17:24	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/23/21 11:17	04/24/21 17:24	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 17:24	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/23/21 11:17	04/24/21 17:24	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/23/21 11:17	04/24/21 17:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			04/23/21 11:17	04/24/21 17:24	1
1,4-Difluorobenzene (Surr)	96		70 - 130			04/23/21 11:17	04/24/21 17:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 08:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 08:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 08:11	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 08:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			04/23/21 11:29	04/24/21 08:11	1
o-Terphenyl	109		70 - 130			04/23/21 11:29	04/24/21 08:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.5		4.98	mg/Kg			04/25/21 23:15	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-147 4'

Lab Sample ID: 880-1544-94

Date Collected: 04/21/21 09:18

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 17:45	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 17:45	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 17:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 17:45	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 17:45	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 17:45	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 17:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	04/23/21 11:17	04/24/21 17:45	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/23/21 11:17	04/24/21 17:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 08:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 08:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 08:32	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 08:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	128		70 - 130	04/23/21 11:29	04/24/21 08:32	1
o-Terphenyl	126		70 - 130	04/23/21 11:29	04/24/21 08:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.3		5.00	mg/Kg			04/25/21 23:20	1

Client Sample ID: C-148 4'

Lab Sample ID: 880-1544-95

Date Collected: 04/21/21 09:16

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 18:05	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 18:05	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 18:05	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		04/23/21 11:17	04/24/21 18:05	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 18:05	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		04/23/21 11:17	04/24/21 18:05	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		04/23/21 11:17	04/24/21 18:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/23/21 11:17	04/24/21 18:05	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/23/21 11:17	04/24/21 18:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 08:53	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-148 4'

Lab Sample ID: 880-1544-95

Date Collected: 04/21/21 09:16

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	234		50.0	mg/Kg		04/23/21 11:29	04/24/21 08:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 08:53	1
Total TPH	234		50.0	mg/Kg		04/23/21 11:29	04/24/21 08:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			04/23/21 11:29	04/24/21 08:53	1
o-Terphenyl	112		70 - 130			04/23/21 11:29	04/24/21 08:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.3		5.00	mg/Kg			04/25/21 23:26	1

Client Sample ID: C-149 4'

Lab Sample ID: 880-1544-96

Date Collected: 04/21/21 09:14

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 18:26	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 18:26	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 18:26	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		04/23/21 11:17	04/24/21 18:26	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 18:26	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		04/23/21 11:17	04/24/21 18:26	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		04/23/21 11:17	04/24/21 18:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130			04/23/21 11:17	04/24/21 18:26	1
1,4-Difluorobenzene (Surr)	99		70 - 130			04/23/21 11:17	04/24/21 18:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 09:14	1
Diesel Range Organics (Over C10-C28)	231		49.9	mg/Kg		04/23/21 11:29	04/24/21 09:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 09:14	1
Total TPH	231		49.9	mg/Kg		04/23/21 11:29	04/24/21 09:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	129		70 - 130			04/23/21 11:29	04/24/21 09:14	1
o-Terphenyl	128		70 - 130			04/23/21 11:29	04/24/21 09:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.4		5.03	mg/Kg			04/25/21 23:31	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-150 4'

Lab Sample ID: 880-1544-97

Date Collected: 04/21/21 09:12

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 18:46	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 18:46	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 18:46	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 18:46	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 18:46	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 18:46	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	04/23/21 11:17	04/24/21 18:46	1
1,4-Difluorobenzene (Surr)	97		70 - 130	04/23/21 11:17	04/24/21 18:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 09:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 09:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 09:35	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 09:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	04/23/21 11:29	04/24/21 09:35	1
o-Terphenyl	111		70 - 130	04/23/21 11:29	04/24/21 09:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.53		5.04	mg/Kg			04/25/21 23:36	1

Client Sample ID: C-151 4'

Lab Sample ID: 880-1544-98

Date Collected: 04/21/21 09:10

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 19:06	1
Toluene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 19:06	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 19:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 19:06	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		04/23/21 11:17	04/24/21 19:06	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 19:06	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		04/23/21 11:17	04/24/21 19:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	04/23/21 11:17	04/24/21 19:06	1
1,4-Difluorobenzene (Surr)	99		70 - 130	04/23/21 11:17	04/24/21 19:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 10:00	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-151 4'

Lab Sample ID: 880-1544-98

Date Collected: 04/21/21 09:10

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 10:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 10:00	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 11:29	04/24/21 10:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130			04/23/21 11:29	04/24/21 10:00	1
o-Terphenyl	126		70 - 130			04/23/21 11:29	04/24/21 10:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.1		5.00	mg/Kg			04/25/21 23:41	1

Client Sample ID: C-152 4' SW

Lab Sample ID: 880-1544-99

Date Collected: 04/21/21 09:08

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:17	04/24/21 19:27	1
Toluene	<0.00201	U	0.00201	mg/Kg		04/23/21 11:17	04/24/21 19:27	1
Ethylbenzene	0.00277		0.00201	mg/Kg		04/23/21 11:17	04/24/21 19:27	1
m-Xylene & p-Xylene	0.0131		0.00402	mg/Kg		04/23/21 11:17	04/24/21 19:27	1
o-Xylene	0.0102		0.00201	mg/Kg		04/23/21 11:17	04/24/21 19:27	1
Xylenes, Total	0.0233		0.00402	mg/Kg		04/23/21 11:17	04/24/21 19:27	1
Total BTEX	0.0261		0.00402	mg/Kg		04/23/21 11:17	04/24/21 19:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			04/23/21 11:17	04/24/21 19:27	1
1,4-Difluorobenzene (Surr)	84		70 - 130			04/23/21 11:17	04/24/21 19:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 10:21	1
Diesel Range Organics (Over C10-C28)	2040		50.0	mg/Kg		04/23/21 11:29	04/24/21 10:21	1
Oil Range Organics (Over C28-C36)	242		50.0	mg/Kg		04/23/21 11:29	04/24/21 10:21	1
Total TPH	2280		50.0	mg/Kg		04/23/21 11:29	04/24/21 10:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	105		70 - 130			04/23/21 11:29	04/24/21 10:21	1
o-Terphenyl	87		70 - 130			04/23/21 11:29	04/24/21 10:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.7		4.99	mg/Kg			04/25/21 20:01	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-153 4' SW

Lab Sample ID: 880-1544-100

Date Collected: 04/21/21 09:06

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 19:47	1
Toluene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 19:47	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 19:47	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		04/23/21 11:17	04/24/21 19:47	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		04/23/21 11:17	04/24/21 19:47	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		04/23/21 11:17	04/24/21 19:47	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		04/23/21 11:17	04/24/21 19:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	04/23/21 11:17	04/24/21 19:47	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/23/21 11:17	04/24/21 19:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		04/23/21 11:29	04/24/21 10:42	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		04/23/21 11:29	04/24/21 10:42	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		04/23/21 11:29	04/24/21 10:42	1
Total TPH	<49.8	U	49.8	mg/Kg		04/23/21 11:29	04/24/21 10:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	04/23/21 11:29	04/24/21 10:42	1
o-Terphenyl	95		70 - 130	04/23/21 11:29	04/24/21 10:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.3		5.05	mg/Kg			04/25/21 20:17	1

Client Sample ID: C-154 4' SW

Lab Sample ID: 880-1544-101

Date Collected: 04/21/21 09:04

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00356		0.00201	mg/Kg		04/23/21 13:38	04/24/21 21:26	1
Toluene	0.0254		0.00201	mg/Kg		04/23/21 13:38	04/24/21 21:26	1
Ethylbenzene	0.00444		0.00201	mg/Kg		04/23/21 13:38	04/24/21 21:26	1
m-Xylene & p-Xylene	0.0172		0.00402	mg/Kg		04/23/21 13:38	04/24/21 21:26	1
o-Xylene	0.00801		0.00201	mg/Kg		04/23/21 13:38	04/24/21 21:26	1
Xylenes, Total	0.0252		0.00402	mg/Kg		04/23/21 13:38	04/24/21 21:26	1
Total BTEX	0.0586		0.00402	mg/Kg		04/23/21 13:38	04/24/21 21:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/23/21 13:38	04/24/21 21:26	1
1,4-Difluorobenzene (Surr)	114		70 - 130	04/23/21 13:38	04/24/21 21:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 13:47	04/26/21 12:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-154 4' SW

Lab Sample ID: 880-1544-101

Date Collected: 04/21/21 09:04

Matrix: Solid

Date Received: 04/23/21 08:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 13:47	04/26/21 12:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 13:47	04/26/21 12:24	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 13:47	04/26/21 12:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			04/23/21 13:47	04/26/21 12:24	1
o-Terphenyl	105		70 - 130			04/23/21 13:47	04/26/21 12:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.0		5.02	mg/Kg			04/25/21 20:22	1

Client Sample ID: C-155 4' SW

Lab Sample ID: 880-1544-102

Date Collected: 04/21/21 09:02

Matrix: Solid

Date Received: 04/23/21 08:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		04/23/21 13:38	04/24/21 21:47	1
Toluene	0.00427		0.00201	mg/Kg		04/23/21 13:38	04/24/21 21:47	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		04/23/21 13:38	04/24/21 21:47	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		04/23/21 13:38	04/24/21 21:47	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		04/23/21 13:38	04/24/21 21:47	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		04/23/21 13:38	04/24/21 21:47	1
Total BTEX	0.00427		0.00402	mg/Kg		04/23/21 13:38	04/24/21 21:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	89		70 - 130			04/23/21 13:38	04/24/21 21:47	1
1,4-Difluorobenzene (Surr)	109		70 - 130			04/23/21 13:38	04/24/21 21:47	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		04/23/21 13:47	04/26/21 12:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		04/23/21 13:47	04/26/21 12:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		04/23/21 13:47	04/26/21 12:45	1
Total TPH	<49.9	U	49.9	mg/Kg		04/23/21 13:47	04/26/21 12:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			04/23/21 13:47	04/26/21 12:45	1
o-Terphenyl	89		70 - 130			04/23/21 13:47	04/26/21 12:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.80		4.98	mg/Kg			04/25/21 20:27	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-1544-1	C-54 4'	153 S1+	75
880-1544-2	C-55 4'	113	86
880-1544-2 MS	C-55 4'	109	108
880-1544-2 MSD	C-55 4'	111	107
880-1544-3	C-56 4'	112	100
880-1544-4	C-57 4'	123	102
880-1544-5	C-58 4'	113	103
880-1544-6	C-59 4'	97	81
880-1544-7	C-60 4'	10 S1-	0.8 S1-
880-1544-8	C-61 4'	166 S1+	0.3 S1-
880-1544-9	C-62 4'	107	96
880-1544-10	C-63 4'	98	91
880-1544-11	C-64 4'	104	107
880-1544-12	C-65 4'	110	108
880-1544-13	C-66 4'	110	109
880-1544-14	C-67 4'	103	108
880-1544-15	C-68 4'	105	108
880-1544-16	C-69 4'	93	96
880-1544-17	C-70 4'	113	102
880-1544-18	C-71 4'	98	99
880-1544-19	C-72 4'	127	102
880-1544-20	C-73 4'	94	109
880-1544-21	C-74 4'	88	109
880-1544-21 MS	C-74 4'	92	104
880-1544-21 MSD	C-74 4'	103	103
880-1544-22	C-75 4'	95	90
880-1544-23	C-76 4'	126	109
880-1544-24	C-77 4'	80	114
880-1544-25	C-78 4' SW	107	133 S1+
880-1544-26	C-79 4' SW	95	121
880-1544-27	C-80 4' SW	144 S1+	132 S1+
880-1544-28	C-81 4' SW	192 S1+	97
880-1544-29	C-82 4' SW	97	108
880-1544-30	C-83 4' SW	89	98
880-1544-31	C-84 2'	96	122
880-1544-32	C-85 2'	96	122
880-1544-33	C-86 2'	114	112
880-1544-34	C-87 2'	270 S1+	105
880-1544-35	C-88 2'	95	124
880-1544-36	C-89 2'	103	129
880-1544-37	C-90 2'	305 S1+	117
880-1544-38	C-91 2'	136 S1+	0.5 S1-
880-1544-39	C-92 2'	84	120
880-1544-40	C-93 2'	188 S1+	80
880-1544-41	C-94 2'	98	112
880-1544-41 MS	C-94 2'	174 S1+	63 S1-
880-1544-41 MSD	C-94 2'	136 S1+	118
880-1544-42	C-95 2'	96	103
880-1544-43	C-96 2'	187 S1+	105

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
 Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
 SDG: NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-1544-44	C-97 2'	120	105
880-1544-45	C-98 2'	96	110
880-1544-46	CS-99 2'	157 S1+	98
880-1544-47	C-100 2'	130	120
880-1544-48	CS101 2'	190 S1+	100
880-1544-49	C-102 2'	115	106
880-1544-50	C-103 2'	99	116
880-1544-51	C-104 2'	202 S1+	128
880-1544-52	C-105 2'	109	116
880-1544-53	C-106 2'	100	118
880-1544-54	C-107 2'	100	108
880-1544-55	C-108 2'	108	113
880-1544-56	C-109 2'	101	105
880-1544-57	C-110 2'	191 S1+	98
880-1544-58	C-111 2'	255 S1+	85
880-1544-59	C-112 2'	99	111
880-1544-60	C-113 2'	101	97
880-1544-61	C-114 2'	106	99
880-1544-61 MS	C-114 2'	114	106
880-1544-61 MSD	C-114 2'	110	105
880-1544-62	C-115 2'	103	104
880-1544-63	C-116 2'	112	104
880-1544-64	C-117 2'	109	101
880-1544-65	C-118 2'	112	98
880-1544-66	C-119 2'	113	96
880-1544-67	C-120 2'	108	106
880-1544-68	C-121 2'	111	100
880-1544-69	C-122 2'	114	96
880-1544-70	C-123 2'	111	97
880-1544-71	C-124 2'	110	98
880-1544-72	C-125 2'	99	95
880-1544-73	C-126 2'	159 S1+	102
880-1544-74	C-127 2'	113	102
880-1544-75	C-128 2'	107	99
880-1544-76	C-129 2'	117	101
880-1544-77	C-130 2'	111	99
880-1544-78	C-131 2' SW	114	94
880-1544-79	C-132 2' SW	108	97
880-1544-80	C-133 2' SW	109	95
880-1544-81	C-134 2' SW	114	101
880-1544-81 MS	C-134 2' SW	118	107
880-1544-81 MSD	C-134 2' SW	115	106
880-1544-82	C-135 2' SW	119	105
880-1544-83	C-136 2' SW	127	103
880-1544-84	C-137 4'	143 S1+	97
880-1544-85	C-138 4'	111	102
880-1544-86	C-139 4'	115	101
880-1544-87	C-140 4'	105	99
880-1544-88	C-141 4'	110	101
880-1544-89	C-142 4'	112	99

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
 Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
 SDG: NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-1544-90	C-143 4'	107	99
880-1544-91	C-144 4'	108	99
880-1544-92	C-145 4'	111	100
880-1544-93	C-146 4'	112	96
880-1544-94	C-147 4'	115	98
880-1544-95	C-148 4'	113	99
880-1544-96	C-149 4'	116	99
880-1544-97	C-150 4'	113	97
880-1544-98	C-151 4'	112	99
880-1544-99	C-152 4' SW	115	84
880-1544-100	C-153 4' SW	111	98
880-1544-101	C-154 4' SW	99	114
880-1544-102	C-155 4' SW	89	109
880-1554-A-8-E MS	Matrix Spike	96	105
880-1554-A-8-F MSD	Matrix Spike Duplicate	97	106
890-571-A-1-B MS	Matrix Spike	101	109
890-571-A-1-C MSD	Matrix Spike Duplicate	99	111
LCS 880-2199/1-A	Lab Control Sample	93	103
LCS 880-2205/1-A	Lab Control Sample	111	99
LCS 880-2209/1-A	Lab Control Sample	103	106
LCS 880-2226/1-B	Lab Control Sample	90	103
LCS 880-2275/1-A	Lab Control Sample	98	112
LCS 880-2276/1-A	Lab Control Sample	88	109
LCS 880-2322/1-A	Lab Control Sample	101	104
LCS 880-2338/1-A	Lab Control Sample	95	105
LCSD 880-2199/2-A	Lab Control Sample Dup	112	108
LCSD 880-2205/2-A	Lab Control Sample Dup	114	102
LCSD 880-2209/2-A	Lab Control Sample Dup	108	105
LCSD 880-2226/2-B	Lab Control Sample Dup	97	107
LCSD 880-2275/2-A	Lab Control Sample Dup	100	109
LCSD 880-2276/2-A	Lab Control Sample Dup	90	112
LCSD 880-2322/2-A	Lab Control Sample Dup	99	105
LCSD 880-2338/2-A	Lab Control Sample Dup	92	109
MB 880-2199/5-A	Method Blank	69 S1-	84
MB 880-2205/5-A	Method Blank	95	91
MB 880-2209/5-A	Method Blank	96	91
MB 880-2226/5-B	Method Blank	109	98
MB 880-2238/5-A	Method Blank	98	92
MB 880-2275/5-A	Method Blank	109	102
MB 880-2276/5-A	Method Blank	102	100
MB 880-2314/5-A	Method Blank	106	85
MB 880-2322/5-A	Method Blank	99	102
MB 880-2338/5-A	Method Blank	114	103

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
 Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
 SDG: NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-1544-1	C-54 4'	85	94
880-1544-2	C-55 4'	83	93
880-1544-2 MS	C-55 4'	93	93
880-1544-2 MSD	C-55 4'	92	93
880-1544-3	C-56 4'	82	96
880-1544-4	C-57 4'	83	98
880-1544-5	C-58 4'	84	97
880-1544-6	C-59 4'	85	102
880-1544-7	C-60 4'	89	100
880-1544-8	C-61 4'	83	99
880-1544-9	C-62 4'	84	95
880-1544-10	C-63 4'	85	97
880-1544-11	C-64 4'	87	100
880-1544-12	C-65 4'	85	92
880-1544-13	C-66 4	87	93
880-1544-14	C-67 4'	85	95
880-1544-15	C-68 4'	81	92
880-1544-16	C-69 4'	90	92
880-1544-17	C-70 4'	84	99
880-1544-18	C-71 4'	94	105
880-1544-19	C-72 4'	92	105
880-1544-20	C-73 4'	87	100
880-1544-21	C-74 4'	118	98
880-1544-21 MS	C-74 4'	105	89
880-1544-21 MSD	C-74 4'	103	90
880-1544-22	C-75 4'	109	116
880-1544-23	C-76 4'	113	95
880-1544-24	C-77 4'	104	109
880-1544-25	C-78 4' SW	102	106
880-1544-26	C-79 4' SW	111	117
880-1544-27	C-80 4' SW	99	102
880-1544-28	C-81 4' SW	115	99
880-1544-29	C-82 4' SW	114	97
880-1544-30	C-83 4' SW	23 S1-	20 S1-
880-1544-31	C-84 2'	105	108
880-1544-32	C-85 2'	109	116
880-1544-33	C-86 2'	104	105
880-1544-34	C-87 2'	36 S1-	23 S1-
880-1544-35	C-88 2'	112	116
880-1544-36	C-89 2'	102	110
880-1544-37	C-90 2'	24 S1-	21 S1-
880-1544-38	C-91 2'	120	104
880-1544-39	C-92 2'	101	104
880-1544-40	C-93 2'	98	104
880-1544-41	C-94 2'	123	130
880-1544-41 MS	C-94 2'	112	105
880-1544-41 MSD	C-94 2'	114	109
880-1544-42	C-95 2'	136 S1+	143 S1+
880-1544-43	C-96 2'	116	117
880-1544-44	C-97 2'	111	117

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
 Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
 SDG: NM

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-1544-45	C-98 2'	126	116
880-1544-46	CS-99 2'	27 S1-	23 S1-
880-1544-47	C-100 2'	122	127
880-1544-48	CS101 2'	29 S1-	22 S1-
880-1544-49	C-102 2'	119	118
880-1544-50	C-103 2'	118	123
880-1544-51	C-104 2'	126	129
880-1544-52	C-105 2'	109	113
880-1544-53	C-106 2'	109	116
880-1544-54	C-107 2'	122	119
880-1544-55	C-108 2'	118	106
880-1544-56	C-109 2'	117	121
880-1544-57	C-110 2'	55 S1-	23 S1-
880-1544-58	C-111 2'	24 S1-	23 S1-
880-1544-59	C-112 2'	114	118
880-1544-60	C-113 2'	108	110
880-1544-61	C-114 2'	115	115
880-1544-61 MS	C-114 2'	111	96
880-1544-61 MSD	C-114 2'	119	99
880-1544-62	C-115 2'	143 S1+	122
880-1544-63	C-116 2'	138 S1+	126
880-1544-64	C-117 2'	118	116
880-1544-65	C-118 2'	108	106
880-1544-66	C-119 2'	113	115
880-1544-67	C-120 2'	137 S1+	114
880-1544-68	C-121 2'	105	106
880-1544-69	C-122 2'	104	100
880-1544-70	C-123 2'	125	127
880-1544-71	C-124 2'	118	108
880-1544-72	C-125 2'	115	119
880-1544-73	C-126 2'	24 S1-	19 S1-
880-1544-74	C-127 2'	129	131 S1+
880-1544-75	C-128 2'	114	117
880-1544-76	C-129 2'	101	93
880-1544-77	C-130 2'	102	102
880-1544-78	C-131 2' SW	110	110
880-1544-79	C-132 2' SW	98	98
880-1544-80	C-133 2' SW	91	91
880-1544-81	C-134 2' SW	119	119
880-1544-81 MS	C-134 2' SW	106	95
880-1544-81 MSD	C-134 2' SW	100	90
880-1544-82	C-135 2' SW	107	90
880-1544-83	C-136 2' SW	87	80
880-1544-84	C-137 4'	25 S1-	20 S1-
880-1544-85	C-138 4'	94	91
880-1544-86	C-139 4'	103	102
880-1544-87	C-140 4'	104	106
880-1544-88	C-141 4'	126	128
880-1544-89	C-142 4'	125	131 S1+
880-1544-90	C-143 4'	123	120

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-1544-91	C-144 4'	97	90
880-1544-92	C-145 4'	75	68 S1-
880-1544-93	C-146 4'	109	109
880-1544-94	C-147 4'	128	126
880-1544-95	C-148 4'	115	112
880-1544-96	C-149 4'	129	128
880-1544-97	C-150 4'	111	111
880-1544-98	C-151 4'	125	126
880-1544-99	C-152 4' SW	105	87
880-1544-100	C-153 4' SW	97	95
880-1544-101	C-154 4' SW	117	105
880-1544-102	C-155 4' SW	99	89
880-1551-A-1-C MS	Matrix Spike	102	91
880-1551-A-1-D MSD	Matrix Spike Duplicate	115	95
LCS 880-2196/2-A	Lab Control Sample	87	88
LCS 880-2200/2-A	Lab Control Sample	109	108
LCS 880-2201/2-A	Lab Control Sample	106	106
LCS 880-2204/2-A	Lab Control Sample	120	117
LCS 880-2208/2-A	Lab Control Sample	114	110
LCS 880-2228/2-A	Lab Control Sample	111	102
LCSD 880-2196/3-A	Lab Control Sample Dup	89	90
LCSD 880-2200/3-A	Lab Control Sample Dup	107	109
LCSD 880-2201/3-A	Lab Control Sample Dup	109	113
LCSD 880-2204/3-A	Lab Control Sample Dup	112	110
LCSD 880-2208/3-A	Lab Control Sample Dup	115	111
LCSD 880-2228/3-A	Lab Control Sample Dup	103	98
MB 880-2196/1-A	Method Blank	81	94
MB 880-2200/1-A	Method Blank	99	105
MB 880-2201/1-A	Method Blank	107	116
MB 880-2204/1-A	Method Blank	103	108
MB 880-2208/1-A	Method Blank	115	120
MB 880-2228/1-A	Method Blank	111	115

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-2199/5-A

Matrix: Solid

Analysis Batch: 2235

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2199

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 17:31	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 17:31	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 17:31	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/23/21 10:31	04/23/21 17:31	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 10:31	04/23/21 17:31	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/23/21 10:31	04/23/21 17:31	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/23/21 10:31	04/23/21 17:31	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	69	S1-	70 - 130	04/23/21 10:31	04/23/21 17:31	1
1,4-Difluorobenzene (Surr)	84		70 - 130	04/23/21 10:31	04/23/21 17:31	1

Lab Sample ID: LCS 880-2199/1-A

Matrix: Solid

Analysis Batch: 2235

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2199

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09145		mg/Kg		91	70 - 130
Toluene	0.100	0.08800		mg/Kg		88	70 - 130
Ethylbenzene	0.100	0.09998		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.1787		mg/Kg		89	70 - 130
o-Xylene	0.100	0.09970		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-2199/2-A

Matrix: Solid

Analysis Batch: 2235

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2199

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09276		mg/Kg		93	70 - 130	1	35
Toluene	0.100	0.1024		mg/Kg		102	70 - 130	15	35
Ethylbenzene	0.100	0.1063		mg/Kg		106	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1909		mg/Kg		95	70 - 130	7	35
o-Xylene	0.100	0.1082		mg/Kg		108	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-1544-2 MS

Matrix: Solid

Analysis Batch: 2235

Client Sample ID: C-55 4'

Prep Type: Total/NA

Prep Batch: 2199

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.100	0.07561		mg/Kg		75	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: 880-1544-2 MS

Matrix: Solid

Analysis Batch: 2235

Client Sample ID: C-55 4'

Prep Type: Total/NA

Prep Batch: 2199

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00200	U	0.100	0.08138		mg/Kg		81	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.08494		mg/Kg		85	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.200	0.1516		mg/Kg		76	70 - 130
o-Xylene	<0.00200	U	0.100	0.08462		mg/Kg		84	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-1544-2 MSD

Matrix: Solid

Analysis Batch: 2235

Client Sample ID: C-55 4'

Prep Type: Total/NA

Prep Batch: 2199

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0990	0.07926		mg/Kg		80	70 - 130	5	35
Toluene	<0.00200	U	0.0990	0.08298		mg/Kg		84	70 - 130	2	35
Ethylbenzene	<0.00200	U	0.0990	0.08845		mg/Kg		89	70 - 130	4	35
m-Xylene & p-Xylene	<0.00399	U	0.198	0.1583		mg/Kg		80	70 - 130	4	35
o-Xylene	<0.00200	U	0.0990	0.08973		mg/Kg		91	70 - 130	6	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-2205/5-A

Matrix: Solid

Analysis Batch: 2192

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2205

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 11:56	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 11:56	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 11:56	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/23/21 11:17	04/24/21 11:56	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:17	04/24/21 11:56	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/23/21 11:17	04/24/21 11:56	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/23/21 11:17	04/24/21 11:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	04/23/21 11:17	04/24/21 11:56	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/23/21 11:17	04/24/21 11:56	1

Lab Sample ID: LCS 880-2205/1-A

Matrix: Solid

Analysis Batch: 2192

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2205

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1019		mg/Kg		102	70 - 130
Toluene	0.100	0.09809		mg/Kg		98	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: LCS 880-2205/1-A

Matrix: Solid

Analysis Batch: 2192

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2205

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.1004		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2138		mg/Kg		107	70 - 130
o-Xylene	0.100	0.1101		mg/Kg		110	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: LCSD 880-2205/2-A

Matrix: Solid

Analysis Batch: 2192

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2205

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1026		mg/Kg		103	70 - 130	1	35
Toluene	0.100	0.09696		mg/Kg		97	70 - 130	1	35
Ethylbenzene	0.100	0.1008		mg/Kg		101	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2154		mg/Kg		108	70 - 130	1	35
o-Xylene	0.100	0.1102		mg/Kg		110	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: 880-1544-81 MS

Matrix: Solid

Analysis Batch: 2192

Client Sample ID: C-134 2' SW

Prep Type: Total/NA

Prep Batch: 2205

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00201	U F2 F1	0.0992	0.007438	F1	mg/Kg		7	70 - 130
Toluene	<0.00201	U F2 F1	0.0992	0.005765	F1	mg/Kg		6	70 - 130
Ethylbenzene	<0.00201	U F2 F1	0.0992	0.006113	F1	mg/Kg		4	70 - 130
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.198	0.009386	F1	mg/Kg		3	70 - 130
o-Xylene	<0.00201	U F2 F1	0.0992	0.006057	F1	mg/Kg		6	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-1544-81 MSD

Matrix: Solid

Analysis Batch: 2192

Client Sample ID: C-134 2' SW

Prep Type: Total/NA

Prep Batch: 2205

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00201	U F2 F1	0.0994	0.06956	F2	mg/Kg		70	70 - 130	161	35
Toluene	<0.00201	U F2 F1	0.0994	0.04804	F2 F1	mg/Kg		48	70 - 130	157	35
Ethylbenzene	<0.00201	U F2 F1	0.0994	0.03069	F2 F1	mg/Kg		29	70 - 130	134	35
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.199	0.05539	F2 F1	mg/Kg		26	70 - 130	142	35
o-Xylene	<0.00201	U F2 F1	0.0994	0.02459	F2 F1	mg/Kg		25	70 - 130	121	35

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-2209/5-A
Matrix: Solid
Analysis Batch: 2286

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 2209

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 12:11	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 12:11	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 12:11	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/23/21 11:53	04/26/21 12:11	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 11:53	04/26/21 12:11	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/23/21 11:53	04/26/21 12:11	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/23/21 11:53	04/26/21 12:11	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	04/23/21 11:53	04/26/21 12:11	1
1,4-Difluorobenzene (Surr)	91		70 - 130	04/23/21 11:53	04/26/21 12:11	1

Lab Sample ID: LCS 880-2209/1-A
Matrix: Solid
Analysis Batch: 2286

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 2209

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1104		mg/Kg		110	70 - 130
Toluene	0.100	0.1006		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09955		mg/Kg		100	70 - 130
m-Xylene & p-Xylene	0.200	0.2104		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1060		mg/Kg		106	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-2209/2-A
Matrix: Solid
Analysis Batch: 2286

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 2209

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1124		mg/Kg		112	70 - 130	2	35
Toluene	0.100	0.1051		mg/Kg		105	70 - 130	4	35
Ethylbenzene	0.100	0.1056		mg/Kg		106	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2254		mg/Kg		113	70 - 130	7	35
o-Xylene	0.100	0.1144		mg/Kg		114	70 - 130	8	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: 880-1544-61 MS

Matrix: Solid

Analysis Batch: 2286

Client Sample ID: C-114 2'

Prep Type: Total/NA

Prep Batch: 2209

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.100	0.09706		mg/Kg		97	70 - 130
Toluene	<0.00200	U	0.100	0.08102		mg/Kg		81	70 - 130
Ethylbenzene	<0.00200	U F1	0.100	0.06829	F1	mg/Kg		68	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1396		mg/Kg		70	70 - 130
o-Xylene	<0.00200	U	0.100	0.07666		mg/Kg		77	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 880-1544-61 MSD

Matrix: Solid

Analysis Batch: 2286

Client Sample ID: C-114 2'

Prep Type: Total/NA

Prep Batch: 2209

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.101	0.08706		mg/Kg		86	70 - 130	11	35
Toluene	<0.00200	U	0.101	0.07255		mg/Kg		72	70 - 130	11	35
Ethylbenzene	<0.00200	U F1	0.101	0.06282	F1	mg/Kg		62	70 - 130	8	35
m-Xylene & p-Xylene	<0.00399	U F1	0.202	0.1285	F1	mg/Kg		64	70 - 130	8	35
o-Xylene	<0.00200	U	0.101	0.07326		mg/Kg		73	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-2226/5-B

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2226

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 13:38	04/24/21 16:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 13:38	04/24/21 16:15	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 13:38	04/24/21 16:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/23/21 13:38	04/24/21 16:15	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 13:38	04/24/21 16:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/23/21 13:38	04/24/21 16:15	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/23/21 13:38	04/24/21 16:15	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/23/21 13:38	04/24/21 16:15	1
1,4-Difluorobenzene (Surr)	98		70 - 130	04/23/21 13:38	04/24/21 16:15	1

Lab Sample ID: LCS 880-2226/1-B

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2226

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08212		mg/Kg		82	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: LCS 880-2226/1-B

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2226

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	0.100	0.09331		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09093		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1860		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09092		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-2226/2-B

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2226

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08693		mg/Kg		87	70 - 130	6	35
Toluene	0.100	0.1020		mg/Kg		102	70 - 130	9	35
Ethylbenzene	0.100	0.09697		mg/Kg		97	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.1979		mg/Kg		99	70 - 130	6	35
o-Xylene	0.100	0.09656		mg/Kg		97	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: MB 880-2238/5-A

Matrix: Solid

Analysis Batch: 2192

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2238

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/23/21 15:16	04/24/21 00:43	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/23/21 15:16	04/24/21 00:43	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/23/21 15:16	04/24/21 00:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/23/21 15:16	04/24/21 00:43	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/23/21 15:16	04/24/21 00:43	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/23/21 15:16	04/24/21 00:43	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/23/21 15:16	04/24/21 00:43	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/23/21 15:16	04/24/21 00:43	1
1,4-Difluorobenzene (Surr)	92		70 - 130	04/23/21 15:16	04/24/21 00:43	1

Lab Sample ID: MB 880-2275/5-A

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2275

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 03:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 03:13	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: MB 880-2275/5-A

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2275

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 03:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/24/21 12:05	04/25/21 03:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:05	04/25/21 03:13	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/24/21 12:05	04/25/21 03:13	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/24/21 12:05	04/25/21 03:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	04/24/21 12:05	04/25/21 03:13	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/24/21 12:05	04/25/21 03:13	1

Lab Sample ID: LCS 880-2275/1-A

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2275

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09096		mg/Kg		91	70 - 130
Toluene	0.100	0.1060		mg/Kg		106	70 - 130
Ethylbenzene	0.100	0.1031		mg/Kg		103	70 - 130
m-Xylene & p-Xylene	0.200	0.2045		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1010		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-2275/2-A

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2275

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08985		mg/Kg		90	70 - 130	1	35
Toluene	0.100	0.1036		mg/Kg		104	70 - 130	2	35
Ethylbenzene	0.100	0.09665		mg/Kg		97	70 - 130	6	35
m-Xylene & p-Xylene	0.200	0.2012		mg/Kg		101	70 - 130	2	35
o-Xylene	0.100	0.1018		mg/Kg		102	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-1544-41 MS

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: C-94 2'

Prep Type: Total/NA

Prep Batch: 2275

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1	0.101	0.003318	F1	mg/Kg		3	70 - 130
Toluene	<0.00199	U F1	0.101	<0.00202	U F1	mg/Kg		0	70 - 130
Ethylbenzene	<0.00199	U F1	0.101	<0.00202	U F1	mg/Kg		1	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: 880-1544-41 MS

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: C-94 2'

Prep Type: Total/NA

Prep Batch: 2275

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.202	0.01467	F1	mg/Kg		7	70 - 130
o-Xylene	<0.00199	U F1 F2	0.101	0.01462	F1	mg/Kg		14	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	174	S1+	70 - 130						
1,4-Difluorobenzene (Surr)	63	S1-	70 - 130						

Lab Sample ID: 880-1544-41 MSD

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: C-94 2'

Prep Type: Total/NA

Prep Batch: 2275

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.0992	0.002797	F1	mg/Kg		3	70 - 130	17	35
Toluene	<0.00199	U F1	0.0992	0.002990	F1	mg/Kg		3	70 - 130	NC	35
Ethylbenzene	<0.00199	U F1	0.0992	<0.00198	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.198	<0.00397	U F1 F2	mg/Kg		2	70 - 130	125	35
o-Xylene	<0.00199	U F1 F2	0.0992	0.007182	F1 F2	mg/Kg		7	70 - 130	68	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	136	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	118		70 - 130								

Lab Sample ID: MB 880-2276/5-A

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2276

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 14:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 14:15	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 14:15	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 14:15	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/24/21 12:11	04/25/21 14:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 14:15	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/24/21 12:11	04/25/21 14:15	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			04/24/21 12:11	04/25/21 14:15	1
1,4-Difluorobenzene (Surr)	100		70 - 130			04/24/21 12:11	04/25/21 14:15	1

Lab Sample ID: LCS 880-2276/1-A

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08608		mg/Kg		86	70 - 130
Toluene	0.100	0.09037		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08399		mg/Kg		84	70 - 130
m-Xylene & p-Xylene	0.200	0.1733		mg/Kg		87	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: LCS 880-2276/1-A

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2276

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
o-Xylene	0.100	0.08490		mg/Kg		85	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-2276/2-A

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2276

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09229		mg/Kg		92	70 - 130	7	35
Toluene	0.100	0.09511		mg/Kg		95	70 - 130	5	35
Ethylbenzene	0.100	0.08816		mg/Kg		88	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.1791		mg/Kg		90	70 - 130	3	35
o-Xylene	0.100	0.09034		mg/Kg		90	70 - 130	6	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: 880-1544-21 MS

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: C-74 4'

Prep Type: Total/NA

Prep Batch: 2276

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U F1 F2	0.101	0.007397	F1	mg/Kg		7	70 - 130
Toluene	<0.00198	U F1	0.101	<0.00201	U F1	mg/Kg		1	70 - 130
Ethylbenzene	<0.00198	U F1 F2	0.101	0.008246	F1	mg/Kg		8	70 - 130
m-Xylene & p-Xylene	<0.00397	U F1	0.201	<0.00402	U F1	mg/Kg		0	70 - 130
o-Xylene	<0.00198	U F1 F2	0.101	0.01383	F1	mg/Kg		14	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-1544-21 MSD

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: C-74 4'

Prep Type: Total/NA

Prep Batch: 2276

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00198	U F1 F2	0.0990	0.004509	F1 F2	mg/Kg		5	70 - 130	49	35
Toluene	<0.00198	U F1	0.0990	<0.00198	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00198	U F1 F2	0.0990	0.002799	F1 F2	mg/Kg		3	70 - 130	99	35
m-Xylene & p-Xylene	<0.00397	U F1	0.198	<0.00396	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00198	U F1 F2	0.0990	0.008317	F1 F2	mg/Kg		8	70 - 130	50	35

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: 880-1544-21 MSD

Matrix: Solid

Analysis Batch: 2277

Client Sample ID: C-74 4'

Prep Type: Total/NA

Prep Batch: 2276

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: MB 880-2314/5-A

Matrix: Solid

Analysis Batch: 2315

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2314

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/26/21 08:44	04/26/21 12:07	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/26/21 08:44	04/26/21 12:07	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/26/21 08:44	04/26/21 12:07	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/26/21 08:44	04/26/21 12:07	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/26/21 08:44	04/26/21 12:07	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/26/21 08:44	04/26/21 12:07	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/26/21 08:44	04/26/21 12:07	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	04/26/21 08:44	04/26/21 12:07	1
1,4-Difluorobenzene (Surr)	85		70 - 130	04/26/21 08:44	04/26/21 12:07	1

Lab Sample ID: MB 880-2322/5-A

Matrix: Solid

Analysis Batch: 2325

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2322

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 15:59	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 15:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 15:59	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/26/21 10:48	04/26/21 15:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/26/21 10:48	04/26/21 15:59	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/26/21 10:48	04/26/21 15:59	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/26/21 10:48	04/26/21 15:59	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	04/26/21 10:48	04/26/21 15:59	1
1,4-Difluorobenzene (Surr)	102		70 - 130	04/26/21 10:48	04/26/21 15:59	1

Lab Sample ID: LCS 880-2322/1-A

Matrix: Solid

Analysis Batch: 2325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2322

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09265		mg/Kg		93	70 - 130
Toluene	0.100	0.09469		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.1007		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	0.200	0.2048		mg/Kg		102	70 - 130
o-Xylene	0.100	0.1002		mg/Kg		100	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: LCS 880-2322/1-A

Matrix: Solid

Analysis Batch: 2325

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2322

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-2322/2-A

Matrix: Solid

Analysis Batch: 2325

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2322

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09343		mg/Kg		93	70 - 130	1	35
Toluene	0.100	0.09645		mg/Kg		96	70 - 130	2	35
Ethylbenzene	0.100	0.1022		mg/Kg		102	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2080		mg/Kg		104	70 - 130	2	35
o-Xylene	0.100	0.1011		mg/Kg		101	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-1554-A-8-E MS

Matrix: Solid

Analysis Batch: 2325

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 2322

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U F1	0.101	0.06609	F1	mg/Kg		65	70 - 130
Toluene	<0.00202	U F1	0.101	0.05963	F1	mg/Kg		59	70 - 130
Ethylbenzene	<0.00202	U F1	0.101	0.04972	F1	mg/Kg		49	70 - 130
m-Xylene & p-Xylene	<0.00403	U F1	0.202	0.06175	F1	mg/Kg		31	70 - 130
o-Xylene	<0.00202	U F1	0.101	0.04911	F1	mg/Kg		49	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-1554-A-8-F MSD

Matrix: Solid

Analysis Batch: 2325

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 2322

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.100	0.07816		mg/Kg		78	70 - 130	17	35
Toluene	<0.00202	U F1	0.100	0.06521	F1	mg/Kg		65	70 - 130	9	35
Ethylbenzene	<0.00202	U F1	0.100	0.05085	F1	mg/Kg		51	70 - 130	2	35
m-Xylene & p-Xylene	<0.00403	U F1	0.200	0.05081	F1	mg/Kg		25	70 - 130	19	35
o-Xylene	<0.00202	U F1	0.100	0.06132	F1	mg/Kg		61	70 - 130	22	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: MB 880-2338/5-A

Matrix: Solid

Analysis Batch: 2315

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2338

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		04/26/21 15:48	04/27/21 00:03	1
Toluene	<0.00200	U	0.00200	mg/Kg		04/26/21 15:48	04/27/21 00:03	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		04/26/21 15:48	04/27/21 00:03	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		04/26/21 15:48	04/27/21 00:03	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		04/26/21 15:48	04/27/21 00:03	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		04/26/21 15:48	04/27/21 00:03	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		04/26/21 15:48	04/27/21 00:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	04/26/21 15:48	04/27/21 00:03	1
1,4-Difluorobenzene (Surr)	103		70 - 130	04/26/21 15:48	04/27/21 00:03	1

Lab Sample ID: LCS 880-2338/1-A

Matrix: Solid

Analysis Batch: 2315

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2338

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08044		mg/Kg		80	70 - 130
Toluene	0.100	0.09159		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.08684		mg/Kg		87	70 - 130
m-Xylene & p-Xylene	0.200	0.1811		mg/Kg		91	70 - 130
o-Xylene	0.100	0.09065		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: LCSD 880-2338/2-A

Matrix: Solid

Analysis Batch: 2315

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2338

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.04572	*- *1	mg/Kg		46	70 - 130	55	35
Toluene	0.100	0.02608	*- *1	mg/Kg		26	70 - 130	111	35
Ethylbenzene	0.100	0.01119	*- *1	mg/Kg		11	70 - 130	154	35
m-Xylene & p-Xylene	0.200	0.02200	*- *1	mg/Kg		11	70 - 130	157	35
o-Xylene	0.100	0.01484	*- *1	mg/Kg		15	70 - 130	144	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 890-571-A-1-B MS

Matrix: Solid

Analysis Batch: 2315

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 2338

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.00212	*- *1	0.100	0.07427		mg/Kg		72	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: 890-571-A-1-B MS

Matrix: Solid

Analysis Batch: 2315

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 2338

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00202	U *- *1	0.100	0.08464		mg/Kg		84	70 - 130
Ethylbenzene	<0.00202	U *- *1	0.100	0.08095		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	<0.00404	U *- *1	0.201	0.1660		mg/Kg		83	70 - 130
o-Xylene	<0.00202	U *- *1	0.100	0.08049		mg/Kg		80	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	101		70 - 130						
1,4-Difluorobenzene (Surr)	109		70 - 130						

Lab Sample ID: 890-571-A-1-C MSD

Matrix: Solid

Analysis Batch: 2315

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 2338

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.00212	*- *1	0.100	0.07975		mg/Kg		77	70 - 130	7	35
Toluene	<0.00202	U *- *1	0.100	0.08832		mg/Kg		88	70 - 130	4	35
Ethylbenzene	<0.00202	U *- *1	0.100	0.08771		mg/Kg		87	70 - 130	8	35
m-Xylene & p-Xylene	<0.00404	U *- *1	0.201	0.1723		mg/Kg		86	70 - 130	4	35
o-Xylene	<0.00202	U *- *1	0.100	0.08500		mg/Kg		85	70 - 130	5	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	99		70 - 130								
1,4-Difluorobenzene (Surr)	111		70 - 130								

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

Lab Sample ID: MB 880-2196/1-A

Matrix: Solid

Analysis Batch: 2197

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2196

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 12:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 12:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 12:44	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 10:18	04/23/21 12:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130			04/23/21 10:18	04/23/21 12:44	1
o-Terphenyl	94		70 - 130			04/23/21 10:18	04/23/21 12:44	1

Lab Sample ID: LCS 880-2196/2-A

Matrix: Solid

Analysis Batch: 2197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2196

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	949.2		mg/Kg		95	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: LCS 880-2196/2-A

Matrix: Solid

Analysis Batch: 2197

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2196

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (Over C10-C28)			1000	860.7		mg/Kg		86	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	88		70 - 130								

Lab Sample ID: LCSD 880-2196/3-A

Matrix: Solid

Analysis Batch: 2197

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2196

Top Data: 170											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	906.8		mg/Kg		91	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	878.2		mg/Kg		88	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	89		70 - 130								
o-Terphenyl	90		70 - 130								

Lab Sample ID: 880-1544-2 MS

Matrix: Solid

Analysis Batch: 2197

Client Sample ID: C-55 4'

Prep Type: Total/NA

Prep Batch: 2196

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	915.6		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	929.9		mg/Kg		92	70 - 130		

Lab Sample ID: 880-1544-2 MSD

Matrix: Solid

Analysis Batch: 2197

Client Sample ID: C-55 4'

Prep Type: Total/NA

Prep Batch: 2196

	Sample	Sample	Spike	MSD	MSD				%Rec.		RPD
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	919.6		mg/Kg		92	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	916.3		mg/Kg		90	70 - 130	1	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: MB 880-2200/1-A

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2200

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 15:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 15:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 15:56	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 10:36	04/23/21 15:56	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130	04/23/21 10:36	04/23/21 15:56	1
o-Terphenyl	105		70 - 130	04/23/21 10:36	04/23/21 15:56	1

Lab Sample ID: LCS 880-2200/2-A

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2200

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1003		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1049		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	109		70 - 130
o-Terphenyl	108		70 - 130

Lab Sample ID: LCSD 880-2200/3-A

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2200

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	944.3		mg/Kg		94	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	1000	1027		mg/Kg		103	70 - 130	2	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	107		70 - 130
o-Terphenyl	109		70 - 130

Lab Sample ID: 880-1544-21 MS

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: C-74 4'

Prep Type: Total/NA

Prep Batch: 2200

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1099		mg/Kg		108	70 - 130
Diesel Range Organics (Over C10-C28)	2210	F1	998	2727	F1	mg/Kg		52	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: 880-1544-21 MS

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: C-74 4'

Prep Type: Total/NA

Prep Batch: 2200

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	105		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: 880-1544-21 MSD

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: C-74 4'

Prep Type: Total/NA

Prep Batch: 2200

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1120		mg/Kg		110	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	2210	F1	998	2716	F1	mg/Kg		51	70 - 130	0	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	103		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: MB 880-2201/1-A

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2201

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 01:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 01:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 01:45	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 10:55	04/24/21 01:45	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	107		70 - 130	04/23/21 10:55	04/24/21 01:45	1
o-Terphenyl	116		70 - 130	04/23/21 10:55	04/24/21 01:45	1

Lab Sample ID: LCS 880-2201/2-A

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2201

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	918.4		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	1000	975.3		mg/Kg		98	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	106		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: LCSD 880-2201/3-A

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2201

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	953.3		mg/Kg		95	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1060		mg/Kg		106	70 - 130	8	20
	LCSD	LCSD							
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	113		70 - 130						

Lab Sample ID: 880-1544-41 MS

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: C-94 2'

Prep Type: Total/NA

Prep Batch: 2201

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1168		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1137		mg/Kg		109	70 - 130		
	MS	MS									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	112		70 - 130								
o-Terphenyl	105		70 - 130								

Lab Sample ID: 880-1544-41 MSD

Matrix: Solid

Analysis Batch: 2219

Client Sample ID: C-94 2'

Prep Type: Total/NA

Prep Batch: 2201

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1218		mg/Kg		122	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	998	1178		mg/Kg		113	70 - 130	3	20
	MSD	MSD									
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	114		70 - 130								
o-Terphenyl	109		70 - 130								

Lab Sample ID: MB 880-2204/1-A

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2204

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 15:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 15:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 15:56	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 11:12	04/23/21 15:56	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: MB 880-2204/1-A

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2204

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130	04/23/21 11:12	04/23/21 15:56	1
o-Terphenyl	108		70 - 130	04/23/21 11:12	04/23/21 15:56	1

Lab Sample ID: LCS 880-2204/2-A

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2204

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1126		mg/Kg		113	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1112		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	120		70 - 130
o-Terphenyl	117		70 - 130

Lab Sample ID: LCSD 880-2204/3-A

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2204

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1033		mg/Kg		103	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1021		mg/Kg		102	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	112		70 - 130
o-Terphenyl	110		70 - 130

Lab Sample ID: 880-1544-61 MS

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: C-114 2'

Prep Type: Total/NA

Prep Batch: 2204

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	1356	F1	mg/Kg		133	70 - 130
Diesel Range Organics (Over C10-C28)	648	F1	998	1209	F1	mg/Kg		56	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	96		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: 880-1544-61 MSD

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: C-114 2'

Prep Type: Total/NA

Prep Batch: 2204

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F1	998	1173		mg/Kg		115	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	648	F1	998	1291	F1	mg/Kg		64	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	119		70 - 130								
o-Terphenyl	99		70 - 130								

Lab Sample ID: MB 880-2208/1-A

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2208

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 01:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 01:45	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 01:45	1
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 11:29	04/24/21 01:45	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			04/23/21 11:29	04/24/21 01:45	1
o-Terphenyl	120		70 - 130			04/23/21 11:29	04/24/21 01:45	1

Lab Sample ID: LCS 880-2208/2-A

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2208

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1031		mg/Kg		103	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1064		mg/Kg		106	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
1-Chlorooctane	114		70 - 130					
o-Terphenyl	110		70 - 130					

Lab Sample ID: LCSD 880-2208/3-A

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2208

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1117		mg/Kg		112	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	1046		mg/Kg		105	70 - 130	2	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: LCSD 880-2208/3-A

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2208

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	115		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 880-1544-81 MS

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: C-134 2' SW

Prep Type: Total/NA

Prep Batch: 2208

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	106		70 - 130
o-Terphenyl	95		70 - 130

Lab Sample ID: 880-1544-81 MSD

Matrix: Solid

Analysis Batch: 2222

Client Sample ID: C-134 2' SW

Prep Type: Total/NA

Prep Batch: 2208

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	90		70 - 130

Lab Sample ID: MB 880-2228/1-A

Matrix: Solid

Analysis Batch: 2306

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 2228

	MB	MB							
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac	
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		04/23/21 13:47	04/26/21 08:31	1	
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		04/23/21 13:47	04/26/21 08:31	1	
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		04/23/21 13:47	04/26/21 08:31	1	
Total TPH	<50.0	U	50.0	mg/Kg		04/23/21 13:47	04/26/21 08:31	1	

	MB	MB							
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	111		70 - 130	04/23/21 13:47	04/26/21 08:31	1			
o-Terphenyl	115		70 - 130	04/23/21 13:47	04/26/21 08:31	1			

Lab Sample ID: LCS 880-2228/2-A

Matrix: Solid

Analysis Batch: 2306

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 2228

	Spike	LCS	LCS						
Analyte	Added	Result	Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10	1000	1174		mg/Kg		117	70 - 130		
Diesel Range Organics (Over C10-C28)	1000	1036		mg/Kg		104	70 - 130		

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	102		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

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

Lab Sample ID: LCSD 880-2228/3-A

Matrix: Solid

Analysis Batch: 2306

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 2228

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1125		mg/Kg		112	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1013		mg/Kg		101	70 - 130	2	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	103		70 - 130						
o-Terphenyl	98		70 - 130						

Lab Sample ID: 880-1551-A-1-C MS

Matrix: Solid

Analysis Batch: 2306

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 2228

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1114		mg/Kg		112	70 - 130		
Diesel Range Organics (Over C10-C28)	316	F1	998	1006	F1	mg/Kg		69	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	102		70 - 130								
o-Terphenyl	91		70 - 130								

Lab Sample ID: 880-1551-A-1-D MSD

Matrix: Solid

Analysis Batch: 2306

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 2228

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	998	1289		mg/Kg		129	70 - 130	15	20
Diesel Range Organics (Over C10-C28)	316	F1	998	1086		mg/Kg		77	70 - 130	8	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	115		70 - 130								
o-Terphenyl	95		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-2233/1-A

Matrix: Solid

Analysis Batch: 2281

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/25/21 00:02	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-2233/2-A

Matrix: Solid

Analysis Batch: 2281

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	261.5		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-2233/3-A

Matrix: Solid

Analysis Batch: 2281

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	261.6		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-1544-51 MS

Matrix: Solid

Analysis Batch: 2281

Client Sample ID: C-104 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	29.3		248	272.4		mg/Kg		98	90 - 110

Lab Sample ID: 880-1544-51 MSD

Matrix: Solid

Analysis Batch: 2281

Client Sample ID: C-104 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	29.3		248	276.3		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 880-1544-61 MS

Matrix: Solid

Analysis Batch: 2281

Client Sample ID: C-114 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	71.4		248	308.8		mg/Kg		96	90 - 110

Lab Sample ID: 880-1544-61 MSD

Matrix: Solid

Analysis Batch: 2281

Client Sample ID: C-114 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	71.4		248	308.4		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-2211/1-A

Matrix: Solid

Analysis Batch: 2297

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/25/21 07:02	1

Lab Sample ID: LCS 880-2211/2-A

Matrix: Solid

Analysis Batch: 2297

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	268.9		mg/Kg		108	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-2211/3-A

Matrix: Solid

Analysis Batch: 2297

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	267.5		mg/Kg		107	90 - 110	1	20

Lab Sample ID: 880-1544-63 MS

Matrix: Solid

Analysis Batch: 2297

Client Sample ID: C-116 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	274		250	520.6		mg/Kg		99	90 - 110		

Lab Sample ID: 880-1544-63 MSD

Matrix: Solid

Analysis Batch: 2297

Client Sample ID: C-116 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	274		250	519.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-1544-73 MS

Matrix: Solid

Analysis Batch: 2297

Client Sample ID: C-126 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1030		253	1240	4	mg/Kg		83	90 - 110		

Lab Sample ID: 880-1544-73 MSD

Matrix: Solid

Analysis Batch: 2297

Client Sample ID: C-126 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1030		253	1238	4	mg/Kg		82	90 - 110	0	20

Lab Sample ID: MB 880-2212/1-A

Matrix: Solid

Analysis Batch: 2298

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/25/21 20:43	1

Lab Sample ID: LCS 880-2212/2-A

Matrix: Solid

Analysis Batch: 2298

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	270.5		mg/Kg		108	90 - 110		

Lab Sample ID: LCSD 880-2212/3-A

Matrix: Solid

Analysis Batch: 2298

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	271.0		mg/Kg		108	90 - 110	0	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-1544-79 MS

Matrix: Solid

Analysis Batch: 2298

Client Sample ID: C-132 2' SW

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	11.5		251	279.6		mg/Kg		107	90 - 110

Lab Sample ID: 880-1544-79 MSD

Matrix: Solid

Analysis Batch: 2298

Client Sample ID: C-132 2' SW

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	11.5		251	278.9		mg/Kg		107	90 - 110	0	20

Lab Sample ID: 880-1544-89 MS

Matrix: Solid

Analysis Batch: 2298

Client Sample ID: C-142 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	18.4		250	285.3		mg/Kg		107	90 - 110

Lab Sample ID: 880-1544-89 MSD

Matrix: Solid

Analysis Batch: 2298

Client Sample ID: C-142 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	18.4		250	284.2		mg/Kg		107	90 - 110	0	20

Lab Sample ID: MB 880-2213/1-A

Matrix: Solid

Analysis Batch: 2299

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/25/21 19:46	1

Lab Sample ID: LCS 880-2213/2-A

Matrix: Solid

Analysis Batch: 2299

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	265.6		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-2213/3-A

Matrix: Solid

Analysis Batch: 2299

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	269.4		mg/Kg		108	90 - 110	1	20

Lab Sample ID: 880-1544-99 MS

Matrix: Solid

Analysis Batch: 2299

Client Sample ID: C-152 4' SW

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	17.7		250	271.5		mg/Kg		102	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-1544-99 MSD

Matrix: Solid

Analysis Batch: 2299

Client Sample ID: C-152 4' SW

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	17.7		250	272.4		mg/Kg		102	90 - 110	0	20

Lab Sample ID: MB 880-2218/1-A

Matrix: Solid

Analysis Batch: 2359

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/26/21 20:02	1

Lab Sample ID: LCS 880-2218/2-A

Matrix: Solid

Analysis Batch: 2359

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253.7		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-2218/3-A

Matrix: Solid

Analysis Batch: 2359

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	253.1		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-1544-31 MS

Matrix: Solid

Analysis Batch: 2359

Client Sample ID: C-84 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	14.8		252	276.8		mg/Kg		104	90 - 110

Lab Sample ID: 880-1544-31 MSD

Matrix: Solid

Analysis Batch: 2359

Client Sample ID: C-84 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	14.8		252	275.6		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-1544-41 MS

Matrix: Solid

Analysis Batch: 2359

Client Sample ID: C-94 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	48.0		249	304.2		mg/Kg		103	90 - 110

Lab Sample ID: 880-1544-41 MSD

Matrix: Solid

Analysis Batch: 2359

Client Sample ID: C-94 2'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	48.0		249	303.3		mg/Kg		103	90 - 110	0	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-2216/1-A

Matrix: Solid

Analysis Batch: 2404

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/28/21 04:20	1

Lab Sample ID: LCS 880-2216/2-A

Matrix: Solid

Analysis Batch: 2404

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	260.8		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-2216/3-A

Matrix: Solid

Analysis Batch: 2404

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	261.2		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-1544-1 MS

Matrix: Solid

Analysis Batch: 2404

Client Sample ID: C-54 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	366	F1	252	590.9	F1	mg/Kg		89	90 - 110

Lab Sample ID: 880-1544-1 MSD

Matrix: Solid

Analysis Batch: 2404

Client Sample ID: C-54 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	366	F1	252	586.4	F1	mg/Kg		87	90 - 110	1	20

Lab Sample ID: MB 880-2217/1-A

Matrix: Solid

Analysis Batch: 2405

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			04/28/21 07:18	1

Lab Sample ID: LCS 880-2217/2-A

Matrix: Solid

Analysis Batch: 2405

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	257.9		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-2217/3-A

Matrix: Solid

Analysis Batch: 2405

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	259.4		mg/Kg		104	90 - 110	1	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-1544-11 MS

Matrix: Solid

Analysis Batch: 2405

Client Sample ID: C-64 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	176		1240	1444		mg/Kg		102	90 - 110		

Lab Sample ID: 880-1544-11 MSD

Matrix: Solid

Analysis Batch: 2405

Client Sample ID: C-64 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	176		1240	1445		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-1544-21 MS

Matrix: Solid

Analysis Batch: 2405

Client Sample ID: C-74 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	599		250	859.9		mg/Kg		104	90 - 110		

Lab Sample ID: 880-1544-21 MSD

Matrix: Solid

Analysis Batch: 2405

Client Sample ID: C-74 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	599		250	852.0		mg/Kg		101	90 - 110	1	20

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC VOA

Analysis Batch: 2192

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-81	C-134 2' SW	Total/NA	Solid	8021B	2205
880-1544-82	C-135 2' SW	Total/NA	Solid	8021B	2205
880-1544-83	C-136 2' SW	Total/NA	Solid	8021B	2205
880-1544-84	C-137 4'	Total/NA	Solid	8021B	2205
880-1544-85	C-138 4'	Total/NA	Solid	8021B	2205
880-1544-86	C-139 4'	Total/NA	Solid	8021B	2205
880-1544-87	C-140 4'	Total/NA	Solid	8021B	2205
880-1544-88	C-141 4'	Total/NA	Solid	8021B	2205
880-1544-89	C-142 4'	Total/NA	Solid	8021B	2205
880-1544-90	C-143 4'	Total/NA	Solid	8021B	2205
880-1544-91	C-144 4'	Total/NA	Solid	8021B	2205
880-1544-92	C-145 4'	Total/NA	Solid	8021B	2205
880-1544-93	C-146 4'	Total/NA	Solid	8021B	2205
880-1544-94	C-147 4'	Total/NA	Solid	8021B	2205
880-1544-95	C-148 4'	Total/NA	Solid	8021B	2205
880-1544-96	C-149 4'	Total/NA	Solid	8021B	2205
880-1544-97	C-150 4'	Total/NA	Solid	8021B	2205
880-1544-98	C-151 4'	Total/NA	Solid	8021B	2205
880-1544-99	C-152 4' SW	Total/NA	Solid	8021B	2205
880-1544-100	C-153 4' SW	Total/NA	Solid	8021B	2205
MB 880-2205/5-A	Method Blank	Total/NA	Solid	8021B	2205
MB 880-2238/5-A	Method Blank	Total/NA	Solid	8021B	2238
LCS 880-2205/1-A	Lab Control Sample	Total/NA	Solid	8021B	2205
LCSD 880-2205/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2205
880-1544-81 MS	C-134 2' SW	Total/NA	Solid	8021B	2205
880-1544-81 MSD	C-134 2' SW	Total/NA	Solid	8021B	2205

Prep Batch: 2199

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-1	C-54 4'	Total/NA	Solid	5035	
880-1544-2	C-55 4'	Total/NA	Solid	5035	
880-1544-3	C-56 4'	Total/NA	Solid	5035	
880-1544-4	C-57 4'	Total/NA	Solid	5035	
880-1544-5	C-58 4'	Total/NA	Solid	5035	
880-1544-6	C-59 4'	Total/NA	Solid	5035	
880-1544-7	C-60 4'	Total/NA	Solid	5035	
880-1544-8	C-61 4'	Total/NA	Solid	5035	
880-1544-9	C-62 4'	Total/NA	Solid	5035	
880-1544-10	C-63 4'	Total/NA	Solid	5035	
MB 880-2199/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2199/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2199/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1544-2 MS	C-55 4'	Total/NA	Solid	5035	
880-1544-2 MSD	C-55 4'	Total/NA	Solid	5035	

Prep Batch: 2205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-81	C-134 2' SW	Total/NA	Solid	5035	
880-1544-82	C-135 2' SW	Total/NA	Solid	5035	
880-1544-83	C-136 2' SW	Total/NA	Solid	5035	
880-1544-84	C-137 4'	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC VOA (Continued)

Prep Batch: 2205 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-85	C-138 4'	Total/NA	Solid	5035	
880-1544-86	C-139 4'	Total/NA	Solid	5035	
880-1544-87	C-140 4'	Total/NA	Solid	5035	
880-1544-88	C-141 4'	Total/NA	Solid	5035	
880-1544-89	C-142 4'	Total/NA	Solid	5035	
880-1544-90	C-143 4'	Total/NA	Solid	5035	
880-1544-91	C-144 4'	Total/NA	Solid	5035	
880-1544-92	C-145 4'	Total/NA	Solid	5035	
880-1544-93	C-146 4'	Total/NA	Solid	5035	
880-1544-94	C-147 4'	Total/NA	Solid	5035	
880-1544-95	C-148 4'	Total/NA	Solid	5035	
880-1544-96	C-149 4'	Total/NA	Solid	5035	
880-1544-97	C-150 4'	Total/NA	Solid	5035	
880-1544-98	C-151 4'	Total/NA	Solid	5035	
880-1544-99	C-152 4' SW	Total/NA	Solid	5035	
880-1544-100	C-153 4' SW	Total/NA	Solid	5035	
MB 880-2205/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2205/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2205/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1544-81 MS	C-134 2' SW	Total/NA	Solid	5035	
880-1544-81 MSD	C-134 2' SW	Total/NA	Solid	5035	

Prep Batch: 2206

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-28	C-81 4' SW	Total/NA	Solid	5035	

Prep Batch: 2209

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-61	C-114 2'	Total/NA	Solid	5035	
880-1544-62	C-115 2'	Total/NA	Solid	5035	
880-1544-63	C-116 2'	Total/NA	Solid	5035	
880-1544-64	C-117 2'	Total/NA	Solid	5035	
880-1544-65	C-118 2'	Total/NA	Solid	5035	
880-1544-66	C-119 2'	Total/NA	Solid	5035	
880-1544-67	C-120 2'	Total/NA	Solid	5035	
880-1544-68	C-121 2'	Total/NA	Solid	5035	
880-1544-69	C-122 2'	Total/NA	Solid	5035	
880-1544-70	C-123 2'	Total/NA	Solid	5035	
880-1544-71	C-124 2'	Total/NA	Solid	5035	
880-1544-72	C-125 2'	Total/NA	Solid	5035	
880-1544-73	C-126 2'	Total/NA	Solid	5035	
880-1544-74	C-127 2'	Total/NA	Solid	5035	
880-1544-75	C-128 2'	Total/NA	Solid	5035	
880-1544-76	C-129 2'	Total/NA	Solid	5035	
880-1544-77	C-130 2'	Total/NA	Solid	5035	
880-1544-78	C-131 2' SW	Total/NA	Solid	5035	
880-1544-79	C-132 2' SW	Total/NA	Solid	5035	
880-1544-80	C-133 2' SW	Total/NA	Solid	5035	
MB 880-2209/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2209/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2209/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC VOA (Continued)

Prep Batch: 2209 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-61 MS	C-114 2'	Total/NA	Solid	5035	
880-1544-61 MSD	C-114 2'	Total/NA	Solid	5035	

Prep Batch: 2226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-19	C-72 4'	Total/NA	Solid	5035	
880-1544-101	C-154 4' SW	Total/NA	Solid	5035	
880-1544-102	C-155 4' SW	Total/NA	Solid	5035	
MB 880-2226/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-2226/1-B	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2226/2-B	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 2235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-1	C-54 4'	Total/NA	Solid	8021B	2199
880-1544-2	C-55 4'	Total/NA	Solid	8021B	2199
880-1544-3	C-56 4'	Total/NA	Solid	8021B	2199
880-1544-4	C-57 4'	Total/NA	Solid	8021B	2199
880-1544-5	C-58 4'	Total/NA	Solid	8021B	2199
880-1544-6	C-59 4'	Total/NA	Solid	8021B	2199
880-1544-7	C-60 4'	Total/NA	Solid	8021B	2199
880-1544-8	C-61 4'	Total/NA	Solid	8021B	2199
880-1544-9	C-62 4'	Total/NA	Solid	8021B	2199
880-1544-10	C-63 4'	Total/NA	Solid	8021B	2199
MB 880-2199/5-A	Method Blank	Total/NA	Solid	8021B	2199
LCS 880-2199/1-A	Lab Control Sample	Total/NA	Solid	8021B	2199
LCSD 880-2199/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2199
880-1544-2 MS	C-55 4'	Total/NA	Solid	8021B	2199
880-1544-2 MSD	C-55 4'	Total/NA	Solid	8021B	2199

Prep Batch: 2238

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-2238/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 2275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-41	C-94 2'	Total/NA	Solid	5035	
880-1544-42	C-95 2'	Total/NA	Solid	5035	
880-1544-43	C-96 2'	Total/NA	Solid	5035	
880-1544-44	C-97 2'	Total/NA	Solid	5035	
880-1544-45	C-98 2'	Total/NA	Solid	5035	
880-1544-46	CS-99 2'	Total/NA	Solid	5035	
880-1544-47	C-100 2'	Total/NA	Solid	5035	
880-1544-48	CS101 2'	Total/NA	Solid	5035	
880-1544-49	C-102 2'	Total/NA	Solid	5035	
880-1544-50	C-103 2'	Total/NA	Solid	5035	
880-1544-51	C-104 2'	Total/NA	Solid	5035	
880-1544-52	C-105 2'	Total/NA	Solid	5035	
880-1544-53	C-106 2'	Total/NA	Solid	5035	
880-1544-54	C-107 2'	Total/NA	Solid	5035	
880-1544-55	C-108 2'	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC VOA (Continued)

Prep Batch: 2275 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-56	C-109 2'	Total/NA	Solid	5035	
880-1544-57	C-110 2'	Total/NA	Solid	5035	
880-1544-58	C-111 2'	Total/NA	Solid	5035	
880-1544-59	C-112 2'	Total/NA	Solid	5035	
880-1544-60	C-113 2'	Total/NA	Solid	5035	
MB 880-2275/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2275/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2275/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1544-41 MS	C-94 2'	Total/NA	Solid	5035	
880-1544-41 MSD	C-94 2'	Total/NA	Solid	5035	

Prep Batch: 2276

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-21	C-74 4'	Total/NA	Solid	5035	
880-1544-22	C-75 4'	Total/NA	Solid	5035	
880-1544-23	C-76 4'	Total/NA	Solid	5035	
880-1544-24	C-77 4'	Total/NA	Solid	5035	
880-1544-25	C-78 4' SW	Total/NA	Solid	5035	
880-1544-26	C-79 4' SW	Total/NA	Solid	5035	
880-1544-27	C-80 4' SW	Total/NA	Solid	5035	
880-1544-29	C-82 4' SW	Total/NA	Solid	5035	
880-1544-30	C-83 4' SW	Total/NA	Solid	5035	
880-1544-31	C-84 2'	Total/NA	Solid	5035	
880-1544-32	C-85 2'	Total/NA	Solid	5035	
880-1544-33	C-86 2'	Total/NA	Solid	5035	
880-1544-34	C-87 2'	Total/NA	Solid	5035	
880-1544-35	C-88 2'	Total/NA	Solid	5035	
880-1544-36	C-89 2'	Total/NA	Solid	5035	
880-1544-37	C-90 2'	Total/NA	Solid	5035	
880-1544-38	C-91 2'	Total/NA	Solid	5035	
880-1544-39	C-92 2'	Total/NA	Solid	5035	
880-1544-40	C-93 2'	Total/NA	Solid	5035	
MB 880-2276/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2276/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2276/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1544-21 MS	C-74 4'	Total/NA	Solid	5035	
880-1544-21 MSD	C-74 4'	Total/NA	Solid	5035	

Analysis Batch: 2277

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-19	C-72 4'	Total/NA	Solid	8021B	2226
880-1544-21	C-74 4'	Total/NA	Solid	8021B	2276
880-1544-22	C-75 4'	Total/NA	Solid	8021B	2276
880-1544-23	C-76 4'	Total/NA	Solid	8021B	2276
880-1544-24	C-77 4'	Total/NA	Solid	8021B	2276
880-1544-25	C-78 4' SW	Total/NA	Solid	8021B	2276
880-1544-26	C-79 4' SW	Total/NA	Solid	8021B	2276
880-1544-27	C-80 4' SW	Total/NA	Solid	8021B	2276
880-1544-28	C-81 4' SW	Total/NA	Solid	8021B	2206
880-1544-29	C-82 4' SW	Total/NA	Solid	8021B	2276
880-1544-30	C-83 4' SW	Total/NA	Solid	8021B	2276

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
 Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
 SDG: NM

GC VOA (Continued)

Analysis Batch: 2277 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-31	C-84 2'	Total/NA	Solid	8021B	2276
880-1544-32	C-85 2'	Total/NA	Solid	8021B	2276
880-1544-33	C-86 2'	Total/NA	Solid	8021B	2276
880-1544-34	C-87 2'	Total/NA	Solid	8021B	2276
880-1544-35	C-88 2'	Total/NA	Solid	8021B	2276
880-1544-36	C-89 2'	Total/NA	Solid	8021B	2276
880-1544-37	C-90 2'	Total/NA	Solid	8021B	2276
880-1544-38	C-91 2'	Total/NA	Solid	8021B	2276
880-1544-39	C-92 2'	Total/NA	Solid	8021B	2276
880-1544-40	C-93 2'	Total/NA	Solid	8021B	2276
880-1544-41	C-94 2'	Total/NA	Solid	8021B	2275
880-1544-42	C-95 2'	Total/NA	Solid	8021B	2275
880-1544-43	C-96 2'	Total/NA	Solid	8021B	2275
880-1544-44	C-97 2'	Total/NA	Solid	8021B	2275
880-1544-45	C-98 2'	Total/NA	Solid	8021B	2275
880-1544-46	CS-99 2'	Total/NA	Solid	8021B	2275
880-1544-47	C-100 2'	Total/NA	Solid	8021B	2275
880-1544-48	CS101 2'	Total/NA	Solid	8021B	2275
880-1544-49	C-102 2'	Total/NA	Solid	8021B	2275
880-1544-50	C-103 2'	Total/NA	Solid	8021B	2275
880-1544-51	C-104 2'	Total/NA	Solid	8021B	2275
880-1544-52	C-105 2'	Total/NA	Solid	8021B	2275
880-1544-53	C-106 2'	Total/NA	Solid	8021B	2275
880-1544-54	C-107 2'	Total/NA	Solid	8021B	2275
880-1544-55	C-108 2'	Total/NA	Solid	8021B	2275
880-1544-56	C-109 2'	Total/NA	Solid	8021B	2275
880-1544-57	C-110 2'	Total/NA	Solid	8021B	2275
880-1544-58	C-111 2'	Total/NA	Solid	8021B	2275
880-1544-59	C-112 2'	Total/NA	Solid	8021B	2275
880-1544-60	C-113 2'	Total/NA	Solid	8021B	2275
880-1544-101	C-154 4' SW	Total/NA	Solid	8021B	2226
880-1544-102	C-155 4' SW	Total/NA	Solid	8021B	2226
MB 880-2226/5-B	Method Blank	Total/NA	Solid	8021B	2226
MB 880-2275/5-A	Method Blank	Total/NA	Solid	8021B	2275
MB 880-2276/5-A	Method Blank	Total/NA	Solid	8021B	2276
LCS 880-2226/1-B	Lab Control Sample	Total/NA	Solid	8021B	2226
LCS 880-2275/1-A	Lab Control Sample	Total/NA	Solid	8021B	2275
LCS 880-2276/1-A	Lab Control Sample	Total/NA	Solid	8021B	2276
LCSD 880-2226/2-B	Lab Control Sample Dup	Total/NA	Solid	8021B	2226
LCSD 880-2275/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2275
LCSD 880-2276/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2276
880-1544-21 MS	C-74 4'	Total/NA	Solid	8021B	2276
880-1544-21 MSD	C-74 4'	Total/NA	Solid	8021B	2276
880-1544-41 MS	C-94 2'	Total/NA	Solid	8021B	2275
880-1544-41 MSD	C-94 2'	Total/NA	Solid	8021B	2275

Analysis Batch: 2286

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-61	C-114 2'	Total/NA	Solid	8021B	2209
880-1544-62	C-115 2'	Total/NA	Solid	8021B	2209
880-1544-63	C-116 2'	Total/NA	Solid	8021B	2209

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC VOA (Continued)

Analysis Batch: 2286 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-64	C-117 2'	Total/NA	Solid	8021B	2209
880-1544-65	C-118 2'	Total/NA	Solid	8021B	2209
880-1544-66	C-119 2'	Total/NA	Solid	8021B	2209
880-1544-67	C-120 2'	Total/NA	Solid	8021B	2209
880-1544-68	C-121 2'	Total/NA	Solid	8021B	2209
880-1544-69	C-122 2'	Total/NA	Solid	8021B	2209
880-1544-70	C-123 2'	Total/NA	Solid	8021B	2209
880-1544-71	C-124 2'	Total/NA	Solid	8021B	2209
880-1544-72	C-125 2'	Total/NA	Solid	8021B	2209
880-1544-73	C-126 2'	Total/NA	Solid	8021B	2209
880-1544-74	C-127 2'	Total/NA	Solid	8021B	2209
880-1544-75	C-128 2'	Total/NA	Solid	8021B	2209
880-1544-76	C-129 2'	Total/NA	Solid	8021B	2209
880-1544-77	C-130 2'	Total/NA	Solid	8021B	2209
880-1544-78	C-131 2' SW	Total/NA	Solid	8021B	2209
880-1544-79	C-132 2' SW	Total/NA	Solid	8021B	2209
880-1544-80	C-133 2' SW	Total/NA	Solid	8021B	2209
MB 880-2209/5-A	Method Blank	Total/NA	Solid	8021B	2209
LCS 880-2209/1-A	Lab Control Sample	Total/NA	Solid	8021B	2209
LCSD 880-2209/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2209
880-1544-61 MS	C-114 2'	Total/NA	Solid	8021B	2209
880-1544-61 MSD	C-114 2'	Total/NA	Solid	8021B	2209

Prep Batch: 2314

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-2314/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 2315

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-20	C-73 4'	Total/NA	Solid	8021B	2338
MB 880-2314/5-A	Method Blank	Total/NA	Solid	8021B	2314
MB 880-2338/5-A	Method Blank	Total/NA	Solid	8021B	2338
LCS 880-2338/1-A	Lab Control Sample	Total/NA	Solid	8021B	2338
LCSD 880-2338/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2338
890-571-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	2338
890-571-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	2338

Prep Batch: 2322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-11	C-64 4'	Total/NA	Solid	5035	
880-1544-12	C-65 4'	Total/NA	Solid	5035	
880-1544-13	C-66 4'	Total/NA	Solid	5035	
880-1544-14	C-67 4'	Total/NA	Solid	5035	
880-1544-15	C-68 4'	Total/NA	Solid	5035	
880-1544-16	C-69 4'	Total/NA	Solid	5035	
880-1544-17	C-70 4'	Total/NA	Solid	5035	
880-1544-18	C-71 4'	Total/NA	Solid	5035	
880-1544-34	C-87 2'	Total/NA	Solid	5035	
880-1544-37	C-90 2'	Total/NA	Solid	5035	
MB 880-2322/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2322/1-A	Lab Control Sample	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC VOA (Continued)

Prep Batch: 2322 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-2322/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-1554-A-8-E MS	Matrix Spike	Total/NA	Solid	5035	
880-1554-A-8-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 2325

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-11	C-64 4'	Total/NA	Solid	8021B	2322
880-1544-12	C-65 4'	Total/NA	Solid	8021B	2322
880-1544-13	C-66 4	Total/NA	Solid	8021B	2322
880-1544-14	C-67 4'	Total/NA	Solid	8021B	2322
880-1544-15	C-68 4'	Total/NA	Solid	8021B	2322
880-1544-16	C-69 4'	Total/NA	Solid	8021B	2322
880-1544-17	C-70 4'	Total/NA	Solid	8021B	2322
880-1544-18	C-71 4'	Total/NA	Solid	8021B	2322
880-1544-34	C-87 2'	Total/NA	Solid	8021B	2322
880-1544-37	C-90 2'	Total/NA	Solid	8021B	2322
MB 880-2322/5-A	Method Blank	Total/NA	Solid	8021B	2322
LCS 880-2322/1-A	Lab Control Sample	Total/NA	Solid	8021B	2322
LCSD 880-2322/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	2322
880-1554-A-8-E MS	Matrix Spike	Total/NA	Solid	8021B	2322
880-1554-A-8-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	2322

Prep Batch: 2338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-20	C-73 4'	Total/NA	Solid	5035	
MB 880-2338/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-2338/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-2338/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-571-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	
890-571-A-1-C MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 2381

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-16	C-69 4'	Total/NA	Solid	8021B	2384
880-1544-18	C-71 4'	Total/NA	Solid	8021B	2384

Prep Batch: 2384

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-16	C-69 4'	Total/NA	Solid	5035	
880-1544-18	C-71 4'	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 2196

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-1	C-54 4'	Total/NA	Solid	8015NM Prep	
880-1544-2	C-55 4'	Total/NA	Solid	8015NM Prep	
880-1544-3	C-56 4'	Total/NA	Solid	8015NM Prep	
880-1544-4	C-57 4'	Total/NA	Solid	8015NM Prep	
880-1544-5	C-58 4'	Total/NA	Solid	8015NM Prep	
880-1544-6	C-59 4'	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC Semi VOA (Continued)

Prep Batch: 2196 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-7	C-60 4'	Total/NA	Solid	8015NM Prep	
880-1544-8	C-61 4'	Total/NA	Solid	8015NM Prep	
880-1544-9	C-62 4'	Total/NA	Solid	8015NM Prep	
880-1544-10	C-63 4'	Total/NA	Solid	8015NM Prep	
880-1544-11	C-64 4'	Total/NA	Solid	8015NM Prep	
880-1544-12	C-65 4'	Total/NA	Solid	8015NM Prep	
880-1544-13	C-66 4'	Total/NA	Solid	8015NM Prep	
880-1544-14	C-67 4'	Total/NA	Solid	8015NM Prep	
880-1544-15	C-68 4'	Total/NA	Solid	8015NM Prep	
880-1544-16	C-69 4'	Total/NA	Solid	8015NM Prep	
880-1544-17	C-70 4'	Total/NA	Solid	8015NM Prep	
880-1544-18	C-71 4'	Total/NA	Solid	8015NM Prep	
880-1544-19	C-72 4'	Total/NA	Solid	8015NM Prep	
880-1544-20	C-73 4'	Total/NA	Solid	8015NM Prep	
MB 880-2196/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2196/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2196/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1544-2 MS	C-55 4'	Total/NA	Solid	8015NM Prep	
880-1544-2 MSD	C-55 4'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 2197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-1	C-54 4'	Total/NA	Solid	8015B NM	2196
880-1544-2	C-55 4'	Total/NA	Solid	8015B NM	2196
880-1544-3	C-56 4'	Total/NA	Solid	8015B NM	2196
880-1544-4	C-57 4'	Total/NA	Solid	8015B NM	2196
880-1544-5	C-58 4'	Total/NA	Solid	8015B NM	2196
880-1544-6	C-59 4'	Total/NA	Solid	8015B NM	2196
880-1544-7	C-60 4'	Total/NA	Solid	8015B NM	2196
880-1544-8	C-61 4'	Total/NA	Solid	8015B NM	2196
880-1544-9	C-62 4'	Total/NA	Solid	8015B NM	2196
880-1544-10	C-63 4'	Total/NA	Solid	8015B NM	2196
880-1544-11	C-64 4'	Total/NA	Solid	8015B NM	2196
880-1544-12	C-65 4'	Total/NA	Solid	8015B NM	2196
880-1544-13	C-66 4'	Total/NA	Solid	8015B NM	2196
880-1544-14	C-67 4'	Total/NA	Solid	8015B NM	2196
880-1544-15	C-68 4'	Total/NA	Solid	8015B NM	2196
880-1544-16	C-69 4'	Total/NA	Solid	8015B NM	2196
880-1544-17	C-70 4'	Total/NA	Solid	8015B NM	2196
880-1544-18	C-71 4'	Total/NA	Solid	8015B NM	2196
880-1544-19	C-72 4'	Total/NA	Solid	8015B NM	2196
880-1544-20	C-73 4'	Total/NA	Solid	8015B NM	2196
MB 880-2196/1-A	Method Blank	Total/NA	Solid	8015B NM	2196
LCS 880-2196/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2196
LCSD 880-2196/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2196
880-1544-2 MS	C-55 4'	Total/NA	Solid	8015B NM	2196
880-1544-2 MSD	C-55 4'	Total/NA	Solid	8015B NM	2196

Prep Batch: 2200

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-21	C-74 4'	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC Semi VOA (Continued)

Prep Batch: 2200 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-22	C-75 4'	Total/NA	Solid	8015NM Prep	
880-1544-23	C-76 4'	Total/NA	Solid	8015NM Prep	
880-1544-24	C-77 4'	Total/NA	Solid	8015NM Prep	
880-1544-25	C-78 4' SW	Total/NA	Solid	8015NM Prep	
880-1544-26	C-79 4' SW	Total/NA	Solid	8015NM Prep	
880-1544-27	C-80 4' SW	Total/NA	Solid	8015NM Prep	
880-1544-28	C-81 4' SW	Total/NA	Solid	8015NM Prep	
880-1544-29	C-82 4' SW	Total/NA	Solid	8015NM Prep	
880-1544-30	C-83 4' SW	Total/NA	Solid	8015NM Prep	
880-1544-31	C-84 2'	Total/NA	Solid	8015NM Prep	
880-1544-32	C-85 2'	Total/NA	Solid	8015NM Prep	
880-1544-33	C-86 2'	Total/NA	Solid	8015NM Prep	
880-1544-34	C-87 2'	Total/NA	Solid	8015NM Prep	
880-1544-35	C-88 2'	Total/NA	Solid	8015NM Prep	
880-1544-36	C-89 2'	Total/NA	Solid	8015NM Prep	
880-1544-37	C-90 2'	Total/NA	Solid	8015NM Prep	
880-1544-38	C-91 2'	Total/NA	Solid	8015NM Prep	
880-1544-39	C-92 2'	Total/NA	Solid	8015NM Prep	
880-1544-40	C-93 2'	Total/NA	Solid	8015NM Prep	
MB 880-2200/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2200/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2200/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1544-21 MS	C-74 4'	Total/NA	Solid	8015NM Prep	
880-1544-21 MSD	C-74 4'	Total/NA	Solid	8015NM Prep	

Prep Batch: 2201

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-41	C-94 2'	Total/NA	Solid	8015NM Prep	
880-1544-42	C-95 2'	Total/NA	Solid	8015NM Prep	
880-1544-43	C-96 2'	Total/NA	Solid	8015NM Prep	
880-1544-44	C-97 2'	Total/NA	Solid	8015NM Prep	
880-1544-45	C-98 2'	Total/NA	Solid	8015NM Prep	
880-1544-46	CS-99 2'	Total/NA	Solid	8015NM Prep	
880-1544-47	C-100 2'	Total/NA	Solid	8015NM Prep	
880-1544-48	CS101 2'	Total/NA	Solid	8015NM Prep	
880-1544-49	C-102 2'	Total/NA	Solid	8015NM Prep	
880-1544-50	C-103 2'	Total/NA	Solid	8015NM Prep	
880-1544-51	C-104 2'	Total/NA	Solid	8015NM Prep	
880-1544-52	C-105 2'	Total/NA	Solid	8015NM Prep	
880-1544-53	C-106 2'	Total/NA	Solid	8015NM Prep	
880-1544-54	C-107 2'	Total/NA	Solid	8015NM Prep	
880-1544-55	C-108 2'	Total/NA	Solid	8015NM Prep	
880-1544-56	C-109 2'	Total/NA	Solid	8015NM Prep	
880-1544-57	C-110 2'	Total/NA	Solid	8015NM Prep	
880-1544-58	C-111 2'	Total/NA	Solid	8015NM Prep	
880-1544-59	C-112 2'	Total/NA	Solid	8015NM Prep	
880-1544-60	C-113 2'	Total/NA	Solid	8015NM Prep	
MB 880-2201/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2201/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2201/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1544-41 MS	C-94 2'	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC Semi VOA (Continued)

Prep Batch: 2201 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-41 MSD	C-94 2'	Total/NA	Solid	8015NM Prep	

Prep Batch: 2204

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-61	C-114 2'	Total/NA	Solid	8015NM Prep	
880-1544-62	C-115 2'	Total/NA	Solid	8015NM Prep	
880-1544-63	C-116 2'	Total/NA	Solid	8015NM Prep	
880-1544-64	C-117 2'	Total/NA	Solid	8015NM Prep	
880-1544-65	C-118 2'	Total/NA	Solid	8015NM Prep	
880-1544-66	C-119 2'	Total/NA	Solid	8015NM Prep	
880-1544-67	C-120 2'	Total/NA	Solid	8015NM Prep	
880-1544-68	C-121 2'	Total/NA	Solid	8015NM Prep	
880-1544-69	C-122 2'	Total/NA	Solid	8015NM Prep	
880-1544-70	C-123 2'	Total/NA	Solid	8015NM Prep	
880-1544-71	C-124 2'	Total/NA	Solid	8015NM Prep	
880-1544-72	C-125 2'	Total/NA	Solid	8015NM Prep	
880-1544-73	C-126 2'	Total/NA	Solid	8015NM Prep	
880-1544-74	C-127 2'	Total/NA	Solid	8015NM Prep	
880-1544-75	C-128 2'	Total/NA	Solid	8015NM Prep	
880-1544-76	C-129 2'	Total/NA	Solid	8015NM Prep	
880-1544-77	C-130 2'	Total/NA	Solid	8015NM Prep	
880-1544-78	C-131 2' SW	Total/NA	Solid	8015NM Prep	
880-1544-79	C-132 2' SW	Total/NA	Solid	8015NM Prep	
880-1544-80	C-133 2' SW	Total/NA	Solid	8015NM Prep	
MB 880-2204/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2204/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2204/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1544-61 MS	C-114 2'	Total/NA	Solid	8015NM Prep	
880-1544-61 MSD	C-114 2'	Total/NA	Solid	8015NM Prep	

Prep Batch: 2208

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-81	C-134 2' SW	Total/NA	Solid	8015NM Prep	
880-1544-82	C-135 2' SW	Total/NA	Solid	8015NM Prep	
880-1544-83	C-136 2' SW	Total/NA	Solid	8015NM Prep	
880-1544-84	C-137 4'	Total/NA	Solid	8015NM Prep	
880-1544-85	C-138 4'	Total/NA	Solid	8015NM Prep	
880-1544-86	C-139 4'	Total/NA	Solid	8015NM Prep	
880-1544-87	C-140 4'	Total/NA	Solid	8015NM Prep	
880-1544-88	C-141 4'	Total/NA	Solid	8015NM Prep	
880-1544-89	C-142 4'	Total/NA	Solid	8015NM Prep	
880-1544-90	C-143 4'	Total/NA	Solid	8015NM Prep	
880-1544-91	C-144 4'	Total/NA	Solid	8015NM Prep	
880-1544-92	C-145 4'	Total/NA	Solid	8015NM Prep	
880-1544-93	C-146 4'	Total/NA	Solid	8015NM Prep	
880-1544-94	C-147 4'	Total/NA	Solid	8015NM Prep	
880-1544-95	C-148 4'	Total/NA	Solid	8015NM Prep	
880-1544-96	C-149 4'	Total/NA	Solid	8015NM Prep	
880-1544-97	C-150 4'	Total/NA	Solid	8015NM Prep	
880-1544-98	C-151 4'	Total/NA	Solid	8015NM Prep	
880-1544-99	C-152 4' SW	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC Semi VOA (Continued)

Prep Batch: 2208 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-100	C-153 4' SW	Total/NA	Solid	8015NM Prep	
MB 880-2208/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2208/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2208/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1544-81 MS	C-134 2' SW	Total/NA	Solid	8015NM Prep	
880-1544-81 MSD	C-134 2' SW	Total/NA	Solid	8015NM Prep	

Analysis Batch: 2219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-21	C-74 4'	Total/NA	Solid	8015B NM	2200
880-1544-22	C-75 4'	Total/NA	Solid	8015B NM	2200
880-1544-23	C-76 4'	Total/NA	Solid	8015B NM	2200
880-1544-24	C-77 4'	Total/NA	Solid	8015B NM	2200
880-1544-25	C-78 4' SW	Total/NA	Solid	8015B NM	2200
880-1544-26	C-79 4' SW	Total/NA	Solid	8015B NM	2200
880-1544-27	C-80 4' SW	Total/NA	Solid	8015B NM	2200
880-1544-28	C-81 4' SW	Total/NA	Solid	8015B NM	2200
880-1544-29	C-82 4' SW	Total/NA	Solid	8015B NM	2200
880-1544-30	C-83 4' SW	Total/NA	Solid	8015B NM	2200
880-1544-31	C-84 2'	Total/NA	Solid	8015B NM	2200
880-1544-32	C-85 2'	Total/NA	Solid	8015B NM	2200
880-1544-33	C-86 2'	Total/NA	Solid	8015B NM	2200
880-1544-34	C-87 2'	Total/NA	Solid	8015B NM	2200
880-1544-35	C-88 2'	Total/NA	Solid	8015B NM	2200
880-1544-36	C-89 2'	Total/NA	Solid	8015B NM	2200
880-1544-37	C-90 2'	Total/NA	Solid	8015B NM	2200
880-1544-38	C-91 2'	Total/NA	Solid	8015B NM	2200
880-1544-39	C-92 2'	Total/NA	Solid	8015B NM	2200
880-1544-40	C-93 2'	Total/NA	Solid	8015B NM	2200
880-1544-41	C-94 2'	Total/NA	Solid	8015B NM	2201
880-1544-42	C-95 2'	Total/NA	Solid	8015B NM	2201
880-1544-43	C-96 2'	Total/NA	Solid	8015B NM	2201
880-1544-44	C-97 2'	Total/NA	Solid	8015B NM	2201
880-1544-45	C-98 2'	Total/NA	Solid	8015B NM	2201
880-1544-46	CS-99 2'	Total/NA	Solid	8015B NM	2201
880-1544-47	C-100 2'	Total/NA	Solid	8015B NM	2201
880-1544-48	CS101 2'	Total/NA	Solid	8015B NM	2201
880-1544-49	C-102 2'	Total/NA	Solid	8015B NM	2201
880-1544-50	C-103 2'	Total/NA	Solid	8015B NM	2201
880-1544-51	C-104 2'	Total/NA	Solid	8015B NM	2201
880-1544-52	C-105 2'	Total/NA	Solid	8015B NM	2201
880-1544-53	C-106 2'	Total/NA	Solid	8015B NM	2201
880-1544-54	C-107 2'	Total/NA	Solid	8015B NM	2201
880-1544-55	C-108 2'	Total/NA	Solid	8015B NM	2201
880-1544-56	C-109 2'	Total/NA	Solid	8015B NM	2201
880-1544-57	C-110 2'	Total/NA	Solid	8015B NM	2201
880-1544-58	C-111 2'	Total/NA	Solid	8015B NM	2201
880-1544-59	C-112 2'	Total/NA	Solid	8015B NM	2201
880-1544-60	C-113 2'	Total/NA	Solid	8015B NM	2201
MB 880-2200/1-A	Method Blank	Total/NA	Solid	8015B NM	2200
MB 880-2201/1-A	Method Blank	Total/NA	Solid	8015B NM	2201

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC Semi VOA (Continued)

Analysis Batch: 2219 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-2200/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2200
LCS 880-2201/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2201
LCSD 880-2200/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2200
LCSD 880-2201/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2201
880-1544-21 MS	C-74 4'	Total/NA	Solid	8015B NM	2200
880-1544-21 MSD	C-74 4'	Total/NA	Solid	8015B NM	2200
880-1544-41 MS	C-94 2'	Total/NA	Solid	8015B NM	2201
880-1544-41 MSD	C-94 2'	Total/NA	Solid	8015B NM	2201

Analysis Batch: 2222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-61	C-114 2'	Total/NA	Solid	8015B NM	2204
880-1544-62	C-115 2'	Total/NA	Solid	8015B NM	2204
880-1544-63	C-116 2'	Total/NA	Solid	8015B NM	2204
880-1544-64	C-117 2'	Total/NA	Solid	8015B NM	2204
880-1544-65	C-118 2'	Total/NA	Solid	8015B NM	2204
880-1544-66	C-119 2'	Total/NA	Solid	8015B NM	2204
880-1544-67	C-120 2'	Total/NA	Solid	8015B NM	2204
880-1544-68	C-121 2'	Total/NA	Solid	8015B NM	2204
880-1544-69	C-122 2'	Total/NA	Solid	8015B NM	2204
880-1544-70	C-123 2'	Total/NA	Solid	8015B NM	2204
880-1544-71	C-124 2'	Total/NA	Solid	8015B NM	2204
880-1544-72	C-125 2'	Total/NA	Solid	8015B NM	2204
880-1544-73	C-126 2'	Total/NA	Solid	8015B NM	2204
880-1544-74	C-127 2'	Total/NA	Solid	8015B NM	2204
880-1544-75	C-128 2'	Total/NA	Solid	8015B NM	2204
880-1544-76	C-129 2'	Total/NA	Solid	8015B NM	2204
880-1544-77	C-130 2'	Total/NA	Solid	8015B NM	2204
880-1544-78	C-131 2' SW	Total/NA	Solid	8015B NM	2204
880-1544-79	C-132 2' SW	Total/NA	Solid	8015B NM	2204
880-1544-80	C-133 2' SW	Total/NA	Solid	8015B NM	2204
880-1544-81	C-134 2' SW	Total/NA	Solid	8015B NM	2208
880-1544-82	C-135 2' SW	Total/NA	Solid	8015B NM	2208
880-1544-83	C-136 2' SW	Total/NA	Solid	8015B NM	2208
880-1544-84	C-137 4'	Total/NA	Solid	8015B NM	2208
880-1544-85	C-138 4'	Total/NA	Solid	8015B NM	2208
880-1544-86	C-139 4'	Total/NA	Solid	8015B NM	2208
880-1544-87	C-140 4'	Total/NA	Solid	8015B NM	2208
880-1544-88	C-141 4'	Total/NA	Solid	8015B NM	2208
880-1544-89	C-142 4'	Total/NA	Solid	8015B NM	2208
880-1544-90	C-143 4'	Total/NA	Solid	8015B NM	2208
880-1544-91	C-144 4'	Total/NA	Solid	8015B NM	2208
880-1544-92	C-145 4'	Total/NA	Solid	8015B NM	2208
880-1544-93	C-146 4'	Total/NA	Solid	8015B NM	2208
880-1544-94	C-147 4'	Total/NA	Solid	8015B NM	2208
880-1544-95	C-148 4'	Total/NA	Solid	8015B NM	2208
880-1544-96	C-149 4'	Total/NA	Solid	8015B NM	2208
880-1544-97	C-150 4'	Total/NA	Solid	8015B NM	2208
880-1544-98	C-151 4'	Total/NA	Solid	8015B NM	2208
880-1544-99	C-152 4' SW	Total/NA	Solid	8015B NM	2208
880-1544-100	C-153 4' SW	Total/NA	Solid	8015B NM	2208

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

GC Semi VOA (Continued)

Analysis Batch: 2222 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-2204/1-A	Method Blank	Total/NA	Solid	8015B NM	2204
MB 880-2208/1-A	Method Blank	Total/NA	Solid	8015B NM	2208
LCS 880-2204/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2204
LCS 880-2208/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2208
LCSD 880-2204/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2204
LCSD 880-2208/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2208
880-1544-61 MS	C-114 2'	Total/NA	Solid	8015B NM	2204
880-1544-61 MSD	C-114 2'	Total/NA	Solid	8015B NM	2204
880-1544-81 MS	C-134 2' SW	Total/NA	Solid	8015B NM	2208
880-1544-81 MSD	C-134 2' SW	Total/NA	Solid	8015B NM	2208

Prep Batch: 2228

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-101	C-154 4' SW	Total/NA	Solid	8015NM Prep	
880-1544-102	C-155 4' SW	Total/NA	Solid	8015NM Prep	
MB 880-2228/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-2228/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-2228/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-1551-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-1551-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 2306

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-101	C-154 4' SW	Total/NA	Solid	8015B NM	2228
880-1544-102	C-155 4' SW	Total/NA	Solid	8015B NM	2228
MB 880-2228/1-A	Method Blank	Total/NA	Solid	8015B NM	2228
LCS 880-2228/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	2228
LCSD 880-2228/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	2228
880-1551-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	2228
880-1551-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	2228

HPLC/IC

Leach Batch: 2211

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-63	C-116 2'	Soluble	Solid	DI Leach	
880-1544-64	C-117 2'	Soluble	Solid	DI Leach	
880-1544-65	C-118 2'	Soluble	Solid	DI Leach	
880-1544-66	C-119 2'	Soluble	Solid	DI Leach	
880-1544-67	C-120 2'	Soluble	Solid	DI Leach	
880-1544-68	C-121 2'	Soluble	Solid	DI Leach	
880-1544-69	C-122 2'	Soluble	Solid	DI Leach	
880-1544-70	C-123 2'	Soluble	Solid	DI Leach	
880-1544-71	C-124 2'	Soluble	Solid	DI Leach	
880-1544-72	C-125 2'	Soluble	Solid	DI Leach	
880-1544-73	C-126 2'	Soluble	Solid	DI Leach	
880-1544-74	C-127 2'	Soluble	Solid	DI Leach	
880-1544-75	C-128 2'	Soluble	Solid	DI Leach	
880-1544-76	C-129 2'	Soluble	Solid	DI Leach	
880-1544-77	C-130 2'	Soluble	Solid	DI Leach	
880-1544-78	C-131 2' SW	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

HPLC/IC (Continued)

Leach Batch: 2211 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-2211/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2211/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2211/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1544-63 MS	C-116 2'	Soluble	Solid	DI Leach	
880-1544-63 MSD	C-116 2'	Soluble	Solid	DI Leach	
880-1544-73 MS	C-126 2'	Soluble	Solid	DI Leach	
880-1544-73 MSD	C-126 2'	Soluble	Solid	DI Leach	

Leach Batch: 2212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-79	C-132 2' SW	Soluble	Solid	DI Leach	
880-1544-80	C-133 2' SW	Soluble	Solid	DI Leach	
880-1544-81	C-134 2' SW	Soluble	Solid	DI Leach	
880-1544-82	C-135 2' SW	Soluble	Solid	DI Leach	
880-1544-83	C-136 2' SW	Soluble	Solid	DI Leach	
880-1544-84	C-137 4'	Soluble	Solid	DI Leach	
880-1544-85	C-138 4'	Soluble	Solid	DI Leach	
880-1544-86	C-139 4'	Soluble	Solid	DI Leach	
880-1544-87	C-140 4'	Soluble	Solid	DI Leach	
880-1544-88	C-141 4'	Soluble	Solid	DI Leach	
880-1544-89	C-142 4'	Soluble	Solid	DI Leach	
880-1544-90	C-143 4'	Soluble	Solid	DI Leach	
880-1544-91	C-144 4'	Soluble	Solid	DI Leach	
880-1544-92	C-145 4'	Soluble	Solid	DI Leach	
880-1544-93	C-146 4'	Soluble	Solid	DI Leach	
880-1544-94	C-147 4'	Soluble	Solid	DI Leach	
880-1544-95	C-148 4'	Soluble	Solid	DI Leach	
880-1544-96	C-149 4'	Soluble	Solid	DI Leach	
880-1544-97	C-150 4'	Soluble	Solid	DI Leach	
880-1544-98	C-151 4'	Soluble	Solid	DI Leach	
MB 880-2212/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2212/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2212/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1544-79 MS	C-132 2' SW	Soluble	Solid	DI Leach	
880-1544-79 MSD	C-132 2' SW	Soluble	Solid	DI Leach	
880-1544-89 MS	C-142 4'	Soluble	Solid	DI Leach	
880-1544-89 MSD	C-142 4'	Soluble	Solid	DI Leach	

Leach Batch: 2213

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-99	C-152 4' SW	Soluble	Solid	DI Leach	
880-1544-100	C-153 4' SW	Soluble	Solid	DI Leach	
880-1544-101	C-154 4' SW	Soluble	Solid	DI Leach	
880-1544-102	C-155 4' SW	Soluble	Solid	DI Leach	
MB 880-2213/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2213/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2213/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1544-99 MS	C-152 4' SW	Soluble	Solid	DI Leach	
880-1544-99 MSD	C-152 4' SW	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

HPLC/IC

Leach Batch: 2216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-1	C-54 4'	Soluble	Solid	DI Leach	
880-1544-2	C-55 4'	Soluble	Solid	DI Leach	
880-1544-3	C-56 4'	Soluble	Solid	DI Leach	
880-1544-4	C-57 4'	Soluble	Solid	DI Leach	
880-1544-5	C-58 4'	Soluble	Solid	DI Leach	
880-1544-6	C-59 4'	Soluble	Solid	DI Leach	
880-1544-7	C-60 4'	Soluble	Solid	DI Leach	
880-1544-8	C-61 4'	Soluble	Solid	DI Leach	
880-1544-9	C-62 4'	Soluble	Solid	DI Leach	
880-1544-10	C-63 4'	Soluble	Solid	DI Leach	
MB 880-2216/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2216/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2216/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1544-1 MS	C-54 4'	Soluble	Solid	DI Leach	
880-1544-1 MSD	C-54 4'	Soluble	Solid	DI Leach	

Leach Batch: 2217

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-11	C-64 4'	Soluble	Solid	DI Leach	
880-1544-12	C-65 4'	Soluble	Solid	DI Leach	
880-1544-13	C-66 4'	Soluble	Solid	DI Leach	
880-1544-14	C-67 4'	Soluble	Solid	DI Leach	
880-1544-15	C-68 4'	Soluble	Solid	DI Leach	
880-1544-16	C-69 4'	Soluble	Solid	DI Leach	
880-1544-17	C-70 4'	Soluble	Solid	DI Leach	
880-1544-18	C-71 4'	Soluble	Solid	DI Leach	
880-1544-19	C-72 4'	Soluble	Solid	DI Leach	
880-1544-20	C-73 4'	Soluble	Solid	DI Leach	
880-1544-21	C-74 4'	Soluble	Solid	DI Leach	
880-1544-22	C-75 4'	Soluble	Solid	DI Leach	
880-1544-23	C-76 4'	Soluble	Solid	DI Leach	
880-1544-24	C-77 4'	Soluble	Solid	DI Leach	
880-1544-25	C-78 4' SW	Soluble	Solid	DI Leach	
880-1544-26	C-79 4' SW	Soluble	Solid	DI Leach	
880-1544-27	C-80 4' SW	Soluble	Solid	DI Leach	
880-1544-28	C-81 4' SW	Soluble	Solid	DI Leach	
880-1544-29	C-82 4' SW	Soluble	Solid	DI Leach	
880-1544-30	C-83 4' SW	Soluble	Solid	DI Leach	
MB 880-2217/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2217/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2217/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1544-11 MS	C-64 4'	Soluble	Solid	DI Leach	
880-1544-11 MSD	C-64 4'	Soluble	Solid	DI Leach	
880-1544-21 MS	C-74 4'	Soluble	Solid	DI Leach	
880-1544-21 MSD	C-74 4'	Soluble	Solid	DI Leach	

Leach Batch: 2218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-31	C-84 2'	Soluble	Solid	DI Leach	
880-1544-32	C-85 2'	Soluble	Solid	DI Leach	
880-1544-33	C-86 2'	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

HPLC/IC (Continued)

Leach Batch: 2218 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-34	C-87 2'	Soluble	Solid	DI Leach	
880-1544-35	C-88 2'	Soluble	Solid	DI Leach	
880-1544-36	C-89 2'	Soluble	Solid	DI Leach	
880-1544-37	C-90 2'	Soluble	Solid	DI Leach	
880-1544-38	C-91 2'	Soluble	Solid	DI Leach	
880-1544-39	C-92 2'	Soluble	Solid	DI Leach	
880-1544-40	C-93 2'	Soluble	Solid	DI Leach	
880-1544-41	C-94 2'	Soluble	Solid	DI Leach	
880-1544-42	C-95 2'	Soluble	Solid	DI Leach	
880-1544-43	C-96 2'	Soluble	Solid	DI Leach	
880-1544-44	C-97 2'	Soluble	Solid	DI Leach	
880-1544-45	C-98 2'	Soluble	Solid	DI Leach	
880-1544-46	CS-99 2'	Soluble	Solid	DI Leach	
880-1544-47	C-100 2'	Soluble	Solid	DI Leach	
880-1544-48	CS101 2'	Soluble	Solid	DI Leach	
880-1544-49	C-102 2'	Soluble	Solid	DI Leach	
880-1544-50	C-103 2'	Soluble	Solid	DI Leach	
MB 880-2218/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2218/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2218/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1544-31 MS	C-84 2'	Soluble	Solid	DI Leach	
880-1544-31 MSD	C-84 2'	Soluble	Solid	DI Leach	
880-1544-41 MS	C-94 2'	Soluble	Solid	DI Leach	
880-1544-41 MSD	C-94 2'	Soluble	Solid	DI Leach	

Leach Batch: 2233

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-51	C-104 2'	Soluble	Solid	DI Leach	
880-1544-52	C-105 2'	Soluble	Solid	DI Leach	
880-1544-53	C-106 2'	Soluble	Solid	DI Leach	
880-1544-54	C-107 2'	Soluble	Solid	DI Leach	
880-1544-55	C-108 2'	Soluble	Solid	DI Leach	
880-1544-56	C-109 2'	Soluble	Solid	DI Leach	
880-1544-57	C-110 2'	Soluble	Solid	DI Leach	
880-1544-58	C-111 2'	Soluble	Solid	DI Leach	
880-1544-59	C-112 2'	Soluble	Solid	DI Leach	
880-1544-60	C-113 2'	Soluble	Solid	DI Leach	
880-1544-61	C-114 2'	Soluble	Solid	DI Leach	
880-1544-62	C-115 2'	Soluble	Solid	DI Leach	
MB 880-2233/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-2233/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-2233/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-1544-51 MS	C-104 2'	Soluble	Solid	DI Leach	
880-1544-51 MSD	C-104 2'	Soluble	Solid	DI Leach	
880-1544-61 MS	C-114 2'	Soluble	Solid	DI Leach	
880-1544-61 MSD	C-114 2'	Soluble	Solid	DI Leach	

Analysis Batch: 2281

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-51	C-104 2'	Soluble	Solid	300.0	2233
880-1544-52	C-105 2'	Soluble	Solid	300.0	2233

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

HPLC/IC (Continued)

Analysis Batch: 2281 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-53	C-106 2'	Soluble	Solid	300.0	2233
880-1544-54	C-107 2'	Soluble	Solid	300.0	2233
880-1544-55	C-108 2'	Soluble	Solid	300.0	2233
880-1544-56	C-109 2'	Soluble	Solid	300.0	2233
880-1544-57	C-110 2'	Soluble	Solid	300.0	2233
880-1544-58	C-111 2'	Soluble	Solid	300.0	2233
880-1544-59	C-112 2'	Soluble	Solid	300.0	2233
880-1544-60	C-113 2'	Soluble	Solid	300.0	2233
880-1544-61	C-114 2'	Soluble	Solid	300.0	2233
880-1544-62	C-115 2'	Soluble	Solid	300.0	2233
MB 880-2233/1-A	Method Blank	Soluble	Solid	300.0	2233
LCS 880-2233/2-A	Lab Control Sample	Soluble	Solid	300.0	2233
LCSD 880-2233/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2233
880-1544-51 MS	C-104 2'	Soluble	Solid	300.0	2233
880-1544-51 MSD	C-104 2'	Soluble	Solid	300.0	2233
880-1544-61 MS	C-114 2'	Soluble	Solid	300.0	2233
880-1544-61 MSD	C-114 2'	Soluble	Solid	300.0	2233

Analysis Batch: 2297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-63	C-116 2'	Soluble	Solid	300.0	2211
880-1544-64	C-117 2'	Soluble	Solid	300.0	2211
880-1544-65	C-118 2'	Soluble	Solid	300.0	2211
880-1544-66	C-119 2'	Soluble	Solid	300.0	2211
880-1544-67	C-120 2'	Soluble	Solid	300.0	2211
880-1544-68	C-121 2'	Soluble	Solid	300.0	2211
880-1544-69	C-122 2'	Soluble	Solid	300.0	2211
880-1544-70	C-123 2'	Soluble	Solid	300.0	2211
880-1544-71	C-124 2'	Soluble	Solid	300.0	2211
880-1544-72	C-125 2'	Soluble	Solid	300.0	2211
880-1544-73	C-126 2'	Soluble	Solid	300.0	2211
880-1544-74	C-127 2'	Soluble	Solid	300.0	2211
880-1544-75	C-128 2'	Soluble	Solid	300.0	2211
880-1544-76	C-129 2'	Soluble	Solid	300.0	2211
880-1544-77	C-130 2'	Soluble	Solid	300.0	2211
880-1544-78	C-131 2' SW	Soluble	Solid	300.0	2211
MB 880-2211/1-A	Method Blank	Soluble	Solid	300.0	2211
LCS 880-2211/2-A	Lab Control Sample	Soluble	Solid	300.0	2211
LCSD 880-2211/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2211
880-1544-63 MS	C-116 2'	Soluble	Solid	300.0	2211
880-1544-63 MSD	C-116 2'	Soluble	Solid	300.0	2211
880-1544-73 MS	C-126 2'	Soluble	Solid	300.0	2211
880-1544-73 MSD	C-126 2'	Soluble	Solid	300.0	2211

Analysis Batch: 2298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-79	C-132 2' SW	Soluble	Solid	300.0	2212
880-1544-80	C-133 2' SW	Soluble	Solid	300.0	2212
880-1544-81	C-134 2' SW	Soluble	Solid	300.0	2212
880-1544-82	C-135 2' SW	Soluble	Solid	300.0	2212
880-1544-83	C-136 2' SW	Soluble	Solid	300.0	2212

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
 Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
 SDG: NM

HPLC/IC (Continued)

Analysis Batch: 2298 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-84	C-137 4'	Soluble	Solid	300.0	2212
880-1544-85	C-138 4'	Soluble	Solid	300.0	2212
880-1544-86	C-139 4'	Soluble	Solid	300.0	2212
880-1544-87	C-140 4'	Soluble	Solid	300.0	2212
880-1544-88	C-141 4'	Soluble	Solid	300.0	2212
880-1544-89	C-142 4'	Soluble	Solid	300.0	2212
880-1544-90	C-143 4'	Soluble	Solid	300.0	2212
880-1544-91	C-144 4'	Soluble	Solid	300.0	2212
880-1544-92	C-145 4'	Soluble	Solid	300.0	2212
880-1544-93	C-146 4'	Soluble	Solid	300.0	2212
880-1544-94	C-147 4'	Soluble	Solid	300.0	2212
880-1544-95	C-148 4'	Soluble	Solid	300.0	2212
880-1544-96	C-149 4'	Soluble	Solid	300.0	2212
880-1544-97	C-150 4'	Soluble	Solid	300.0	2212
880-1544-98	C-151 4'	Soluble	Solid	300.0	2212
MB 880-2212/1-A	Method Blank	Soluble	Solid	300.0	2212
LCS 880-2212/2-A	Lab Control Sample	Soluble	Solid	300.0	2212
LCSD 880-2212/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2212
880-1544-79 MS	C-132 2' SW	Soluble	Solid	300.0	2212
880-1544-79 MSD	C-132 2' SW	Soluble	Solid	300.0	2212
880-1544-89 MS	C-142 4'	Soluble	Solid	300.0	2212
880-1544-89 MSD	C-142 4'	Soluble	Solid	300.0	2212

Analysis Batch: 2299

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-99	C-152 4' SW	Soluble	Solid	300.0	2213
880-1544-100	C-153 4' SW	Soluble	Solid	300.0	2213
880-1544-101	C-154 4' SW	Soluble	Solid	300.0	2213
880-1544-102	C-155 4' SW	Soluble	Solid	300.0	2213
MB 880-2213/1-A	Method Blank	Soluble	Solid	300.0	2213
LCS 880-2213/2-A	Lab Control Sample	Soluble	Solid	300.0	2213
LCSD 880-2213/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2213
880-1544-99 MS	C-152 4' SW	Soluble	Solid	300.0	2213
880-1544-99 MSD	C-152 4' SW	Soluble	Solid	300.0	2213

Analysis Batch: 2359

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-31	C-84 2'	Soluble	Solid	300.0	2218
880-1544-32	C-85 2'	Soluble	Solid	300.0	2218
880-1544-33	C-86 2'	Soluble	Solid	300.0	2218
880-1544-34	C-87 2'	Soluble	Solid	300.0	2218
880-1544-35	C-88 2'	Soluble	Solid	300.0	2218
880-1544-36	C-89 2'	Soluble	Solid	300.0	2218
880-1544-37	C-90 2'	Soluble	Solid	300.0	2218
880-1544-38	C-91 2'	Soluble	Solid	300.0	2218
880-1544-39	C-92 2'	Soluble	Solid	300.0	2218
880-1544-40	C-93 2'	Soluble	Solid	300.0	2218
880-1544-41	C-94 2'	Soluble	Solid	300.0	2218
880-1544-42	C-95 2'	Soluble	Solid	300.0	2218
880-1544-43	C-96 2'	Soluble	Solid	300.0	2218
880-1544-44	C-97 2'	Soluble	Solid	300.0	2218

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

HPLC/IC (Continued)

Analysis Batch: 2359 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-45	C-98 2'	Soluble	Solid	300.0	2218
880-1544-46	CS-99 2'	Soluble	Solid	300.0	2218
880-1544-47	C-100 2'	Soluble	Solid	300.0	2218
880-1544-48	CS101 2'	Soluble	Solid	300.0	2218
880-1544-49	C-102 2'	Soluble	Solid	300.0	2218
880-1544-50	C-103 2'	Soluble	Solid	300.0	2218
MB 880-2218/1-A	Method Blank	Soluble	Solid	300.0	2218
LCS 880-2218/2-A	Lab Control Sample	Soluble	Solid	300.0	2218
LCSD 880-2218/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2218
880-1544-31 MS	C-84 2'	Soluble	Solid	300.0	2218
880-1544-31 MSD	C-84 2'	Soluble	Solid	300.0	2218
880-1544-41 MS	C-94 2'	Soluble	Solid	300.0	2218
880-1544-41 MSD	C-94 2'	Soluble	Solid	300.0	2218

Analysis Batch: 2404

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-1	C-54 4'	Soluble	Solid	300.0	2216
880-1544-2	C-55 4'	Soluble	Solid	300.0	2216
880-1544-3	C-56 4'	Soluble	Solid	300.0	2216
880-1544-4	C-57 4'	Soluble	Solid	300.0	2216
880-1544-5	C-58 4'	Soluble	Solid	300.0	2216
880-1544-6	C-59 4'	Soluble	Solid	300.0	2216
880-1544-7	C-60 4'	Soluble	Solid	300.0	2216
880-1544-8	C-61 4'	Soluble	Solid	300.0	2216
880-1544-9	C-62 4'	Soluble	Solid	300.0	2216
880-1544-10	C-63 4'	Soluble	Solid	300.0	2216
MB 880-2216/1-A	Method Blank	Soluble	Solid	300.0	2216
LCS 880-2216/2-A	Lab Control Sample	Soluble	Solid	300.0	2216
LCSD 880-2216/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2216
880-1544-1 MS	C-54 4'	Soluble	Solid	300.0	2216
880-1544-1 MSD	C-54 4'	Soluble	Solid	300.0	2216

Analysis Batch: 2405

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-11	C-64 4'	Soluble	Solid	300.0	2217
880-1544-12	C-65 4'	Soluble	Solid	300.0	2217
880-1544-13	C-66 4'	Soluble	Solid	300.0	2217
880-1544-14	C-67 4'	Soluble	Solid	300.0	2217
880-1544-15	C-68 4'	Soluble	Solid	300.0	2217
880-1544-16	C-69 4'	Soluble	Solid	300.0	2217
880-1544-17	C-70 4'	Soluble	Solid	300.0	2217
880-1544-18	C-71 4'	Soluble	Solid	300.0	2217
880-1544-19	C-72 4'	Soluble	Solid	300.0	2217
880-1544-20	C-73 4'	Soluble	Solid	300.0	2217
880-1544-21	C-74 4'	Soluble	Solid	300.0	2217
880-1544-22	C-75 4'	Soluble	Solid	300.0	2217
880-1544-23	C-76 4'	Soluble	Solid	300.0	2217
880-1544-24	C-77 4'	Soluble	Solid	300.0	2217
880-1544-25	C-78 4' SW	Soluble	Solid	300.0	2217
880-1544-26	C-79 4' SW	Soluble	Solid	300.0	2217
880-1544-27	C-80 4' SW	Soluble	Solid	300.0	2217

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

HPLC/IC (Continued)

Analysis Batch: 2405 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-1544-28	C-81 4' SW	Soluble	Solid	300.0	2217
880-1544-29	C-82 4' SW	Soluble	Solid	300.0	2217
880-1544-30	C-83 4' SW	Soluble	Solid	300.0	2217
MB 880-2217/1-A	Method Blank	Soluble	Solid	300.0	2217
LCS 880-2217/2-A	Lab Control Sample	Soluble	Solid	300.0	2217
LCSD 880-2217/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	2217
880-1544-11 MS	C-64 4'	Soluble	Solid	300.0	2217
880-1544-11 MSD	C-64 4'	Soluble	Solid	300.0	2217
880-1544-21 MS	C-74 4'	Soluble	Solid	300.0	2217
880-1544-21 MSD	C-74 4'	Soluble	Solid	300.0	2217

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-54 4'

Date Collected: 04/21/21 13:38

Date Received: 04/23/21 08:36

Lab Sample ID: 880-1544-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2199	04/23/21 10:31	MR	XM
Total/NA	Analysis	8021B		1	2235	04/23/21 21:21	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 13:49	AJ	XM
Soluble	Leach	DI Leach			2216	04/23/21 12:31	CH	XM
Soluble	Analysis	300.0		1	2404	04/28/21 05:41	CH	XM

Client Sample ID: C-55 4'

Date Collected: 04/21/21 13:26

Date Received: 04/23/21 08:36

Lab Sample ID: 880-1544-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2199	04/23/21 10:31	MR	XM
Total/NA	Analysis	8021B		1	2235	04/23/21 17:57	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 14:54	AJ	XM
Soluble	Leach	DI Leach			2216	04/23/21 12:31	CH	XM
Soluble	Analysis	300.0		1	2404	04/28/21 05:57	CH	XM

Client Sample ID: C-56 4'

Date Collected: 04/21/21 13:24

Date Received: 04/23/21 08:36

Lab Sample ID: 880-1544-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2199	04/23/21 10:31	MR	XM
Total/NA	Analysis	8021B		1	2235	04/23/21 18:22	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 15:15	AJ	XM
Soluble	Leach	DI Leach			2216	04/23/21 12:31	CH	XM
Soluble	Analysis	300.0		1	2404	04/28/21 06:03	CH	XM

Client Sample ID: C-57 4'

Date Collected: 04/21/21 13:22

Date Received: 04/23/21 08:36

Lab Sample ID: 880-1544-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2199	04/23/21 10:31	MR	XM
Total/NA	Analysis	8021B		1	2235	04/23/21 18:48	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 15:37	AJ	XM
Soluble	Leach	DI Leach			2216	04/23/21 12:31	CH	XM
Soluble	Analysis	300.0		1	2404	04/28/21 06:19	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-58 4'

Lab Sample ID: 880-1544-5

Date Collected: 04/21/21 13:20

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2199	04/23/21 10:31	MR	XM
Total/NA	Analysis	8021B		1	2235	04/23/21 19:13	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 15:59	AJ	XM
Soluble	Leach	DI Leach			2216	04/23/21 12:31	CH	XM
Soluble	Analysis	300.0		5	2404	04/28/21 06:24	CH	XM

Client Sample ID: C-59 4'

Lab Sample ID: 880-1544-6

Date Collected: 04/21/21 13:18

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2199	04/23/21 10:31	MR	XM
Total/NA	Analysis	8021B		1	2235	04/23/21 19:39	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 16:20	AJ	XM
Soluble	Leach	DI Leach			2216	04/23/21 12:31	CH	XM
Soluble	Analysis	300.0		5	2404	04/28/21 06:29	CH	XM

Client Sample ID: C-60 4'

Lab Sample ID: 880-1544-7

Date Collected: 04/21/21 13:16

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2199	04/23/21 10:31	MR	XM
Total/NA	Analysis	8021B		10	2235	04/24/21 09:28	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 16:42	AJ	XM
Soluble	Leach	DI Leach			2216	04/23/21 12:31	CH	XM
Soluble	Analysis	300.0		10	2404	04/28/21 06:35	CH	XM

Client Sample ID: C-61 4'

Lab Sample ID: 880-1544-8

Date Collected: 04/21/21 13:14

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2199	04/23/21 10:31	MR	XM
Total/NA	Analysis	8021B		1	2235	04/23/21 20:04	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 17:03	AJ	XM
Soluble	Leach	DI Leach			2216	04/23/21 12:31	CH	XM
Soluble	Analysis	300.0		1	2404	04/28/21 06:40	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-62 4'

Date Collected: 04/21/21 13:12

Date Received: 04/23/21 08:36

Lab Sample ID: 880-1544-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2199	04/23/21 10:31	MR	XM
Total/NA	Analysis	8021B		1	2235	04/23/21 20:30	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 17:25	AJ	XM
Soluble	Leach	DI Leach			2216	04/23/21 12:31	CH	XM
Soluble	Analysis	300.0		1	2404	04/28/21 06:46	CH	XM

Client Sample ID: C-63 4'

Date Collected: 04/21/21 13:10

Date Received: 04/23/21 08:36

Lab Sample ID: 880-1544-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2199	04/23/21 10:31	MR	XM
Total/NA	Analysis	8021B		1	2235	04/23/21 20:55	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 17:47	AJ	XM
Soluble	Leach	DI Leach			2216	04/23/21 12:31	CH	XM
Soluble	Analysis	300.0		1	2404	04/28/21 06:51	CH	XM

Client Sample ID: C-64 4'

Date Collected: 04/21/21 13:08

Date Received: 04/23/21 08:36

Lab Sample ID: 880-1544-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2322	04/26/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2325	04/26/21 22:03	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 18:30	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		5	2405	04/28/21 07:34	CH	XM

Client Sample ID: C-65 4'

Date Collected: 04/21/21 13:06

Date Received: 04/23/21 08:36

Lab Sample ID: 880-1544-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2322	04/26/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2325	04/26/21 22:24	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 18:52	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		10	2405	04/28/21 14:04	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-66 4

Lab Sample ID: 880-1544-13

Date Collected: 04/21/21 13:04

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2322	04/26/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2325	04/26/21 22:44	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 19:14	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 07:55	CH	XM

Client Sample ID: C-67 4'

Lab Sample ID: 880-1544-14

Date Collected: 04/21/21 13:02

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2322	04/26/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2325	04/26/21 23:05	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 19:35	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		5	2405	04/28/21 08:01	CH	XM

Client Sample ID: C-68 4'

Lab Sample ID: 880-1544-15

Date Collected: 04/21/21 13:00

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2322	04/26/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2325	04/26/21 23:25	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 19:57	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 08:06	CH	XM

Client Sample ID: C-69 4'

Lab Sample ID: 880-1544-16

Date Collected: 04/21/21 12:58

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2322	04/26/21 10:48	KL	XM
Total/NA	Analysis	8021B		100	2325	04/27/21 00:06	KL	XM
Total/NA	Prep	5035			2384	04/28/21 12:45	KL	XM
Total/NA	Analysis	8021B		20	2381	04/28/21 20:43	MR	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		5	2197	04/23/21 20:19	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		10	2405	04/28/21 08:22	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-70 4'

Lab Sample ID: 880-1544-17

Date Collected: 04/21/21 12:56

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2322	04/26/21 10:48	KL	XM
Total/NA	Analysis	8021B		1	2325	04/26/21 23:46	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 20:41	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 08:28	CH	XM

Client Sample ID: C-71 4'

Lab Sample ID: 880-1544-18

Date Collected: 04/21/21 12:54

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2322	04/26/21 10:48	KL	XM
Total/NA	Analysis	8021B		50	2325	04/27/21 00:26	KL	XM
Total/NA	Prep	5035			2384	04/28/21 12:45	KL	XM
Total/NA	Analysis	8021B		20	2381	04/28/21 21:03	MR	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 21:02	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 08:33	CH	XM

Client Sample ID: C-72 4'

Lab Sample ID: 880-1544-19

Date Collected: 04/21/21 12:52

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2226	04/23/21 13:38	KL	XM
Total/NA	Analysis	8021B		50	2277	04/25/21 00:11	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		5	2197	04/23/21 21:23	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		5	2405	04/28/21 08:38	CH	XM

Client Sample ID: C-73 4'

Lab Sample ID: 880-1544-20

Date Collected: 04/21/21 12:50

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2338	04/26/21 15:48	KL	XM
Total/NA	Analysis	8021B		1	2315	04/27/21 00:46	KL	XM
Total/NA	Prep	8015NM Prep			2196	04/23/21 10:18	DM	XM
Total/NA	Analysis	8015B NM		1	2197	04/23/21 21:45	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		5	2405	04/28/21 08:44	CH	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-74 4'

Lab Sample ID: 880-1544-21

Date Collected: 04/21/21 12:48

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 14:37	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 17:00	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 08:49	CH	XM

Client Sample ID: C-75 4'

Lab Sample ID: 880-1544-22

Date Collected: 04/21/21 12:46

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 14:58	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 18:10	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 09:05	CH	XM

Client Sample ID: C-76 4'

Lab Sample ID: 880-1544-23

Date Collected: 04/21/21 12:44

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		20	2277	04/25/21 15:19	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 18:31	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		5	2405	04/28/21 09:11	CH	XM

Client Sample ID: C-77 4'

Lab Sample ID: 880-1544-24

Date Collected: 04/21/21 12:42

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 15:40	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 18:52	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		5	2405	04/28/21 09:27	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-78 4' SW

Lab Sample ID: 880-1544-25

Date Collected: 04/21/21 12:40

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 16:00	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 19:14	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 09:32	CH	XM

Client Sample ID: C-79 4' SW

Lab Sample ID: 880-1544-26

Date Collected: 04/21/21 12:38

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 16:21	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 19:35	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 09:37	CH	XM

Client Sample ID: C-80 4' SW

Lab Sample ID: 880-1544-27

Date Collected: 04/21/21 12:36

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 16:42	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 19:56	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 09:43	CH	XM

Client Sample ID: C-81 4' SW

Lab Sample ID: 880-1544-28

Date Collected: 04/21/21 12:34

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2206	04/23/21 11:22	MR	XM
Total/NA	Analysis	8021B		20	2277	04/25/21 17:03	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 20:18	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		5	2405	04/28/21 09:48	CH	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-82 4' SW

Lab Sample ID: 880-1544-29

Date Collected: 04/21/21 12:32

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 17:23	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 20:45	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 09:54	CH	XM

Client Sample ID: C-83 4' SW

Lab Sample ID: 880-1544-30

Date Collected: 04/21/21 12:30

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 17:44	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 21:08	AJ	XM
Soluble	Leach	DI Leach			2217	04/23/21 12:33	CH	XM
Soluble	Analysis	300.0		1	2405	04/28/21 09:59	CH	XM

Client Sample ID: C-84 2'

Lab Sample ID: 880-1544-31

Date Collected: 04/21/21 11:24

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 19:08	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 21:50	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 20:17	WP	XM

Client Sample ID: C-85 2'

Lab Sample ID: 880-1544-32

Date Collected: 04/21/21 11:22

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 19:28	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 22:11	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 20:33	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-86 2'

Lab Sample ID: 880-1544-33

Date Collected: 04/21/21 11:20

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 19:49	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 22:32	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 20:38	WP	XM

Client Sample ID: C-87 2'

Lab Sample ID: 880-1544-34

Date Collected: 04/21/21 11:18

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		20	2277	04/25/21 20:10	KL	XM
Total/NA	Prep	5035			2322	04/26/21 10:48	KL	XM
Total/NA	Analysis	8021B		100	2325	04/26/21 17:09	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 22:53	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		5	2359	04/26/21 20:43	WP	XM

Client Sample ID: C-88 2'

Lab Sample ID: 880-1544-35

Date Collected: 04/21/21 11:16

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 20:31	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 23:17	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 20:48	WP	XM

Client Sample ID: C-89 2'

Lab Sample ID: 880-1544-36

Date Collected: 04/21/21 11:14

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 20:52	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/23/21 23:38	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 21:03	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-90 2'

Lab Sample ID: 880-1544-37

Date Collected: 04/21/21 11:12

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		20	2277	04/25/21 21:13	KL	XM
Total/NA	Prep	5035			2322	04/26/21 10:48	KL	XM
Total/NA	Analysis	8021B		100	2325	04/26/21 17:30	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 00:00	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 21:08	WP	XM

Client Sample ID: C-91 2'

Lab Sample ID: 880-1544-38

Date Collected: 04/21/21 11:10

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		20	2277	04/25/21 21:34	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 00:21	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 21:14	WP	XM

Client Sample ID: C-92 2'

Lab Sample ID: 880-1544-39

Date Collected: 04/21/21 11:08

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 21:55	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 00:42	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 21:19	WP	XM

Client Sample ID: C-93 2'

Lab Sample ID: 880-1544-40

Date Collected: 04/21/21 11:06

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2276	04/24/21 12:11	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 22:15	KL	XM
Total/NA	Prep	8015NM Prep			2200	04/23/21 10:36	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 01:03	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 21:24	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-94 2'

Lab Sample ID: 880-1544-41

Date Collected: 04/21/21 11:04

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 03:35	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 02:49	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 21:29	WP	XM

Client Sample ID: C-95 2'

Lab Sample ID: 880-1544-42

Date Collected: 04/21/21 11:02

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 03:56	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 03:53	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 21:44	WP	XM

Client Sample ID: C-96 2'

Lab Sample ID: 880-1544-43

Date Collected: 04/21/21 10:00

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 04:16	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 04:15	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 21:49	WP	XM

Client Sample ID: C-97 2'

Lab Sample ID: 880-1544-44

Date Collected: 04/21/21 10:58

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 04:37	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 04:36	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 22:04	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-98 2'

Lab Sample ID: 880-1544-45

Date Collected: 04/21/21 10:56

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 04:57	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 04:58	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 22:09	WP	XM

Client Sample ID: CS-99 2'

Lab Sample ID: 880-1544-46

Date Collected: 04/21/21 10:54

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		20	2277	04/25/21 05:18	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 05:20	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 22:15	WP	XM

Client Sample ID: C-100 2'

Lab Sample ID: 880-1544-47

Date Collected: 04/21/21 10:52

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 05:39	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 05:41	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 22:20	WP	XM

Client Sample ID: CS101 2'

Lab Sample ID: 880-1544-48

Date Collected: 04/21/21 10:50

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		50	2277	04/25/21 05:59	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 06:03	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 22:25	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-102 2'

Lab Sample ID: 880-1544-49

Date Collected: 04/21/21 10:48

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 06:20	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 06:25	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 22:30	WP	XM

Client Sample ID: C-103 2'

Lab Sample ID: 880-1544-50

Date Collected: 04/21/21 10:46

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 06:40	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 06:46	AJ	XM
Soluble	Leach	DI Leach			2218	04/23/21 12:35	CH	XM
Soluble	Analysis	300.0		1	2359	04/26/21 22:35	WP	XM

Client Sample ID: C-104 2'

Lab Sample ID: 880-1544-51

Date Collected: 04/21/21 10:44

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 08:04	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 07:29	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 00:17	WP	XM

Client Sample ID: C-105 2'

Lab Sample ID: 880-1544-52

Date Collected: 04/21/21 10:42

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 08:25	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 07:50	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 00:32	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-106 2'

Lab Sample ID: 880-1544-53

Date Collected: 04/21/21 10:40

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 08:45	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 08:11	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 00:37	WP	XM

Client Sample ID: C-107 2'

Lab Sample ID: 880-1544-54

Date Collected: 04/21/21 10:38

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 09:06	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 08:32	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 00:43	WP	XM

Client Sample ID: C-108 2'

Lab Sample ID: 880-1544-55

Date Collected: 04/21/21 10:36

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 09:27	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 08:53	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 00:48	WP	XM

Client Sample ID: C-109 2'

Lab Sample ID: 880-1544-56

Date Collected: 04/21/21 10:34

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 09:47	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 09:14	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 01:03	WP	XM

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-110 2'

Lab Sample ID: 880-1544-57

Date Collected: 04/21/21 13:28

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		50	2277	04/25/21 10:08	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 09:35	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 01:08	WP	XM

Client Sample ID: C-111 2'

Lab Sample ID: 880-1544-58

Date Collected: 04/21/21 10:30

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 10:29	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 10:00	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 01:13	WP	XM

Client Sample ID: C-112 2'

Lab Sample ID: 880-1544-59

Date Collected: 04/21/21 10:28

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 10:50	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 10:21	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 01:18	WP	XM

Client Sample ID: C-113 2'

Lab Sample ID: 880-1544-60

Date Collected: 04/21/21 10:26

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2275	04/24/21 12:05	KL	XM
Total/NA	Analysis	8021B		1	2277	04/25/21 11:10	KL	XM
Total/NA	Prep	8015NM Prep			2201	04/23/21 10:55	DM	XM
Total/NA	Analysis	8015B NM		1	2219	04/24/21 10:42	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 01:23	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-114 2'

Lab Sample ID: 880-1544-61

Date Collected: 04/21/21 10:24

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 12:33	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 17:00	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 01:28	WP	XM

Client Sample ID: C-115 2'

Lab Sample ID: 880-1544-62

Date Collected: 04/21/21 10:22

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		10	2286	04/26/21 12:53	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 18:10	AJ	XM
Soluble	Leach	DI Leach			2233	04/23/21 14:08	CH	XM
Soluble	Analysis	300.0		1	2281	04/25/21 01:43	WP	XM

Client Sample ID: C-116 2'

Lab Sample ID: 880-1544-63

Date Collected: 04/21/21 10:20

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 13:14	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 18:31	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 07:17	WP	XM

Client Sample ID: C-117 2'

Lab Sample ID: 880-1544-64

Date Collected: 04/21/21 10:18

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 13:34	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 18:52	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 07:32	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-118 2'

Lab Sample ID: 880-1544-65

Date Collected: 04/21/21 10:16

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 13:54	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 19:14	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 07:38	WP	XM

Client Sample ID: C-119 2'

Lab Sample ID: 880-1544-66

Date Collected: 04/21/21 10:14

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 14:15	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 19:35	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 07:43	WP	XM

Client Sample ID: C-120 2'

Lab Sample ID: 880-1544-67

Date Collected: 04/21/21 10:12

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 14:35	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 19:56	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 07:48	WP	XM

Client Sample ID: C-121 2'

Lab Sample ID: 880-1544-68

Date Collected: 04/21/21 10:10

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 14:56	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 20:18	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 08:03	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-122 2'

Lab Sample ID: 880-1544-69

Date Collected: 04/21/21 10:08

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 15:16	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 20:45	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 08:08	WP	XM

Client Sample ID: C-123 2'

Lab Sample ID: 880-1544-70

Date Collected: 04/21/21 10:06

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 15:36	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 21:08	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 08:13	WP	XM

Client Sample ID: C-124 2'

Lab Sample ID: 880-1544-71

Date Collected: 04/21/21 10:04

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 16:58	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 21:50	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 08:18	WP	XM

Client Sample ID: C-125 2'

Lab Sample ID: 880-1544-72

Date Collected: 04/21/21 10:02

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 17:19	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 22:11	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 08:23	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-126 2'

Lab Sample ID: 880-1544-73

Date Collected: 04/21/21 10:00

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		20	2286	04/26/21 17:39	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 22:32	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 08:28	WP	XM

Client Sample ID: C-127 2'

Lab Sample ID: 880-1544-74

Date Collected: 04/21/21 09:58

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 17:59	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 22:53	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		5	2297	04/25/21 08:44	WP	XM

Client Sample ID: C-128 2'

Lab Sample ID: 880-1544-75

Date Collected: 04/21/21 09:56

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 18:20	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 23:17	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 08:49	WP	XM

Client Sample ID: C-129 2'

Lab Sample ID: 880-1544-76

Date Collected: 04/21/21 09:54

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 18:40	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/23/21 23:38	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 09:04	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-130 2'

Lab Sample ID: 880-1544-77

Date Collected: 04/21/21 09:52

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 19:01	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 00:00	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 09:09	WP	XM

Client Sample ID: C-131 2' SW

Lab Sample ID: 880-1544-78

Date Collected: 04/21/21 09:50

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 19:21	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 00:21	AJ	XM
Soluble	Leach	DI Leach			2211	04/23/21 12:16	CH	XM
Soluble	Analysis	300.0		1	2297	04/25/21 09:14	WP	XM

Client Sample ID: C-132 2' SW

Lab Sample ID: 880-1544-79

Date Collected: 04/21/21 09:48

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 19:41	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 00:42	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 20:58	WP	XM

Client Sample ID: C-133 2' SW

Lab Sample ID: 880-1544-80

Date Collected: 04/21/21 09:46

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2209	04/23/21 11:53	MR	XM
Total/NA	Analysis	8021B		1	2286	04/26/21 20:02	KL	XM
Total/NA	Prep	8015NM Prep			2204	04/23/21 11:12	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 01:03	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 21:13	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-134 2' SW

Lab Sample ID: 880-1544-81

Date Collected: 04/21/21 09:49

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 12:18	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 02:49	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 21:18	WP	XM

Client Sample ID: C-135 2' SW

Lab Sample ID: 880-1544-82

Date Collected: 04/21/21 09:42

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 12:38	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 03:53	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 21:23	WP	XM

Client Sample ID: C-136 2' SW

Lab Sample ID: 880-1544-83

Date Collected: 04/21/21 09:40

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 12:59	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 04:15	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 21:28	WP	XM

Client Sample ID: C-137 4'

Lab Sample ID: 880-1544-84

Date Collected: 04/21/21 09:38

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 13:19	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 04:36	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 21:44	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-138 4'

Lab Sample ID: 880-1544-85

Date Collected: 04/21/21 09:36

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 13:39	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 04:58	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 21:49	WP	XM

Client Sample ID: C-139 4'

Lab Sample ID: 880-1544-86

Date Collected: 04/21/21 09:34

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 14:00	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 05:20	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 21:54	WP	XM

Client Sample ID: C-140 4'

Lab Sample ID: 880-1544-87

Date Collected: 04/21/21 09:32

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 14:20	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 05:41	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 21:59	WP	XM

Client Sample ID: C-141 4'

Lab Sample ID: 880-1544-88

Date Collected: 04/21/21 09:30

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 14:41	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 06:03	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 22:04	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-142 4'

Lab Sample ID: 880-1544-89

Date Collected: 04/21/21 09:28

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 15:01	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 06:25	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 22:09	WP	XM

Client Sample ID: C-143 4'

Lab Sample ID: 880-1544-90

Date Collected: 04/21/21 09:26

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 15:22	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 06:46	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 22:24	WP	XM

Client Sample ID: C-144 4'

Lab Sample ID: 880-1544-91

Date Collected: 04/21/21 09:24

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 16:43	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 07:29	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 22:29	WP	XM

Client Sample ID: C-145 4'

Lab Sample ID: 880-1544-92

Date Collected: 04/21/21 09:22

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 17:04	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 07:50	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 23:10	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-146 4'

Lab Sample ID: 880-1544-93

Date Collected: 04/21/21 09:20

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 17:24	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 08:11	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 23:15	WP	XM

Client Sample ID: C-147 4'

Lab Sample ID: 880-1544-94

Date Collected: 04/21/21 09:18

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 17:45	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 08:32	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 23:20	WP	XM

Client Sample ID: C-148 4'

Lab Sample ID: 880-1544-95

Date Collected: 04/21/21 09:16

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 18:05	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 08:53	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 23:26	WP	XM

Client Sample ID: C-149 4'

Lab Sample ID: 880-1544-96

Date Collected: 04/21/21 09:14

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 18:26	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 09:14	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 23:31	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-150 4'

Lab Sample ID: 880-1544-97

Date Collected: 04/21/21 09:12

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 18:46	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 09:35	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 23:36	WP	XM

Client Sample ID: C-151 4'

Lab Sample ID: 880-1544-98

Date Collected: 04/21/21 09:10

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 19:06	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 10:00	AJ	XM
Soluble	Leach	DI Leach			2212	04/23/21 12:22	CH	XM
Soluble	Analysis	300.0		1	2298	04/25/21 23:41	WP	XM

Client Sample ID: C-152 4' SW

Lab Sample ID: 880-1544-99

Date Collected: 04/21/21 09:08

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 19:27	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 10:21	AJ	XM
Soluble	Leach	DI Leach			2213	04/23/21 12:24	CH	XM
Soluble	Analysis	300.0		1	2299	04/25/21 20:01	WP	XM

Client Sample ID: C-153 4' SW

Lab Sample ID: 880-1544-100

Date Collected: 04/21/21 09:06

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2205	04/23/21 11:17	KL	XM
Total/NA	Analysis	8021B		1	2192	04/24/21 19:47	KL	XM
Total/NA	Prep	8015NM Prep			2208	04/23/21 11:29	DM	XM
Total/NA	Analysis	8015B NM		1	2222	04/24/21 10:42	AJ	XM
Soluble	Leach	DI Leach			2213	04/23/21 12:24	CH	XM
Soluble	Analysis	300.0		1	2299	04/25/21 20:17	WP	XM

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Client Sample ID: C-154 4' SW

Lab Sample ID: 880-1544-101

Date Collected: 04/21/21 09:04

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2226	04/23/21 13:38	KL	XM
Total/NA	Analysis	8021B		1	2277	04/24/21 21:26	KL	XM
Total/NA	Prep	8015NM Prep			2228	04/23/21 13:47	DM	XM
Total/NA	Analysis	8015B NM		1	2306	04/26/21 12:24	AJ	XM
Soluble	Leach	DI Leach			2213	04/23/21 12:24	CH	XM
Soluble	Analysis	300.0		1	2299	04/25/21 20:22	WP	XM

Client Sample ID: C-155 4' SW

Lab Sample ID: 880-1544-102

Date Collected: 04/21/21 09:02

Matrix: Solid

Date Received: 04/23/21 08:36

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			2226	04/23/21 13:38	KL	XM
Total/NA	Analysis	8021B		1	2277	04/24/21 21:47	KL	XM
Total/NA	Prep	8015NM Prep			2228	04/23/21 13:47	DM	XM
Total/NA	Analysis	8015B NM		1	2306	04/26/21 12:45	AJ	XM
Soluble	Leach	DI Leach			2213	04/23/21 12:24	CH	XM
Soluble	Analysis	300.0		1	2299	04/25/21 20:27	WP	XM

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-1544-1	C-54 4'	Solid	04/21/21 13:38	04/23/21 08:36	
880-1544-2	C-55 4'	Solid	04/21/21 13:26	04/23/21 08:36	
880-1544-3	C-56 4'	Solid	04/21/21 13:24	04/23/21 08:36	
880-1544-4	C-57 4'	Solid	04/21/21 13:22	04/23/21 08:36	
880-1544-5	C-58 4'	Solid	04/21/21 13:20	04/23/21 08:36	
880-1544-6	C-59 4'	Solid	04/21/21 13:18	04/23/21 08:36	
880-1544-7	C-60 4'	Solid	04/21/21 13:16	04/23/21 08:36	
880-1544-8	C-61 4'	Solid	04/21/21 13:14	04/23/21 08:36	
880-1544-9	C-62 4'	Solid	04/21/21 13:12	04/23/21 08:36	
880-1544-10	C-63 4'	Solid	04/21/21 13:10	04/23/21 08:36	
880-1544-11	C-64 4'	Solid	04/21/21 13:08	04/23/21 08:36	
880-1544-12	C-65 4'	Solid	04/21/21 13:06	04/23/21 08:36	
880-1544-13	C-66 4	Solid	04/21/21 13:04	04/23/21 08:36	
880-1544-14	C-67 4'	Solid	04/21/21 13:02	04/23/21 08:36	
880-1544-15	C-68 4'	Solid	04/21/21 13:00	04/23/21 08:36	
880-1544-16	C-69 4'	Solid	04/21/21 12:58	04/23/21 08:36	
880-1544-17	C-70 4'	Solid	04/21/21 12:56	04/23/21 08:36	
880-1544-18	C-71 4'	Solid	04/21/21 12:54	04/23/21 08:36	
880-1544-19	C-72 4'	Solid	04/21/21 12:52	04/23/21 08:36	
880-1544-20	C-73 4'	Solid	04/21/21 12:50	04/23/21 08:36	
880-1544-21	C-74 4'	Solid	04/21/21 12:48	04/23/21 08:36	
880-1544-22	C-75 4'	Solid	04/21/21 12:46	04/23/21 08:36	
880-1544-23	C-76 4'	Solid	04/21/21 12:44	04/23/21 08:36	
880-1544-24	C-77 4'	Solid	04/21/21 12:42	04/23/21 08:36	
880-1544-25	C-78 4' SW	Solid	04/21/21 12:40	04/23/21 08:36	
880-1544-26	C-79 4' SW	Solid	04/21/21 12:38	04/23/21 08:36	
880-1544-27	C-80 4' SW	Solid	04/21/21 12:36	04/23/21 08:36	
880-1544-28	C-81 4' SW	Solid	04/21/21 12:34	04/23/21 08:36	
880-1544-29	C-82 4' SW	Solid	04/21/21 12:32	04/23/21 08:36	
880-1544-30	C-83 4' SW	Solid	04/21/21 12:30	04/23/21 08:36	
880-1544-31	C-84 2'	Solid	04/21/21 11:24	04/23/21 08:36	
880-1544-32	C-85 2'	Solid	04/21/21 11:22	04/23/21 08:36	
880-1544-33	C-86 2'	Solid	04/21/21 11:20	04/23/21 08:36	
880-1544-34	C-87 2'	Solid	04/21/21 11:18	04/23/21 08:36	
880-1544-35	C-88 2'	Solid	04/21/21 11:16	04/23/21 08:36	
880-1544-36	C-89 2'	Solid	04/21/21 11:14	04/23/21 08:36	
880-1544-37	C-90 2'	Solid	04/21/21 11:12	04/23/21 08:36	
880-1544-38	C-91 2'	Solid	04/21/21 11:10	04/23/21 08:36	
880-1544-39	C-92 2'	Solid	04/21/21 11:08	04/23/21 08:36	
880-1544-40	C-93 2'	Solid	04/21/21 11:06	04/23/21 08:36	
880-1544-41	C-94 2'	Solid	04/21/21 11:04	04/23/21 08:36	
880-1544-42	C-95 2'	Solid	04/21/21 11:02	04/23/21 08:36	
880-1544-43	C-96 2'	Solid	04/21/21 10:00	04/23/21 08:36	
880-1544-44	C-97 2'	Solid	04/21/21 10:58	04/23/21 08:36	
880-1544-45	C-98 2'	Solid	04/21/21 10:56	04/23/21 08:36	
880-1544-46	CS-99 2'	Solid	04/21/21 10:54	04/23/21 08:36	
880-1544-47	C-100 2'	Solid	04/21/21 10:52	04/23/21 08:36	
880-1544-48	CS101 2'	Solid	04/21/21 10:50	04/23/21 08:36	
880-1544-49	C-102 2'	Solid	04/21/21 10:48	04/23/21 08:36	
880-1544-50	C-103 2'	Solid	04/21/21 10:46	04/23/21 08:36	
880-1544-51	C-104 2'	Solid	04/21/21 10:44	04/23/21 08:36	
880-1544-52	C-105 2'	Solid	04/21/21 10:42	04/23/21 08:36	
880-1544-53	C-106 2'	Solid	04/21/21 10:40	04/23/21 08:36	

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Bliinebry SAT1 190180-08

Job ID: 880-1544-1
SDG: NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-1544-54	C-107 2'	Solid	04/21/21 10:38	04/23/21 08:36	
880-1544-55	C-108 2'	Solid	04/21/21 10:36	04/23/21 08:36	
880-1544-56	C-109 2'	Solid	04/21/21 10:34	04/23/21 08:36	
880-1544-57	C-110 2'	Solid	04/21/21 13:28	04/23/21 08:36	
880-1544-58	C-111 2'	Solid	04/21/21 10:30	04/23/21 08:36	
880-1544-59	C-112 2'	Solid	04/21/21 10:28	04/23/21 08:36	
880-1544-60	C-113 2'	Solid	04/21/21 10:26	04/23/21 08:36	
880-1544-61	C-114 2'	Solid	04/21/21 10:24	04/23/21 08:36	
880-1544-62	C-115 2'	Solid	04/21/21 10:22	04/23/21 08:36	
880-1544-63	C-116 2'	Solid	04/21/21 10:20	04/23/21 08:36	
880-1544-64	C-117 2'	Solid	04/21/21 10:18	04/23/21 08:36	
880-1544-65	C-118 2'	Solid	04/21/21 10:16	04/23/21 08:36	
880-1544-66	C-119 2'	Solid	04/21/21 10:14	04/23/21 08:36	
880-1544-67	C-120 2'	Solid	04/21/21 10:12	04/23/21 08:36	
880-1544-68	C-121 2'	Solid	04/21/21 10:10	04/23/21 08:36	
880-1544-69	C-122 2'	Solid	04/21/21 10:08	04/23/21 08:36	
880-1544-70	C-123 2'	Solid	04/21/21 10:06	04/23/21 08:36	
880-1544-71	C-124 2'	Solid	04/21/21 10:04	04/23/21 08:36	
880-1544-72	C-125 2'	Solid	04/21/21 10:02	04/23/21 08:36	
880-1544-73	C-126 2'	Solid	04/21/21 10:00	04/23/21 08:36	
880-1544-74	C-127 2'	Solid	04/21/21 09:58	04/23/21 08:36	
880-1544-75	C-128 2'	Solid	04/21/21 09:56	04/23/21 08:36	
880-1544-76	C-129 2'	Solid	04/21/21 09:54	04/23/21 08:36	
880-1544-77	C-130 2'	Solid	04/21/21 09:52	04/23/21 08:36	
880-1544-78	C-131 2' SW	Solid	04/21/21 09:50	04/23/21 08:36	
880-1544-79	C-132 2' SW	Solid	04/21/21 09:48	04/23/21 08:36	
880-1544-80	C-133 2' SW	Solid	04/21/21 09:46	04/23/21 08:36	
880-1544-81	C-134 2' SW	Solid	04/21/21 09:49	04/23/21 08:36	
880-1544-82	C-135 2' SW	Solid	04/21/21 09:42	04/23/21 08:36	
880-1544-83	C-136 2' SW	Solid	04/21/21 09:40	04/23/21 08:36	
880-1544-84	C-137 4'	Solid	04/21/21 09:38	04/23/21 08:36	
880-1544-85	C-138 4'	Solid	04/21/21 09:36	04/23/21 08:36	
880-1544-86	C-139 4'	Solid	04/21/21 09:34	04/23/21 08:36	
880-1544-87	C-140 4'	Solid	04/21/21 09:32	04/23/21 08:36	
880-1544-88	C-141 4'	Solid	04/21/21 09:30	04/23/21 08:36	
880-1544-89	C-142 4'	Solid	04/21/21 09:28	04/23/21 08:36	
880-1544-90	C-143 4'	Solid	04/21/21 09:26	04/23/21 08:36	
880-1544-91	C-144 4'	Solid	04/21/21 09:24	04/23/21 08:36	
880-1544-92	C-145 4'	Solid	04/21/21 09:22	04/23/21 08:36	
880-1544-93	C-146 4'	Solid	04/21/21 09:20	04/23/21 08:36	
880-1544-94	C-147 4'	Solid	04/21/21 09:18	04/23/21 08:36	
880-1544-95	C-148 4'	Solid	04/21/21 09:16	04/23/21 08:36	
880-1544-96	C-149 4'	Solid	04/21/21 09:14	04/23/21 08:36	
880-1544-97	C-150 4'	Solid	04/21/21 09:12	04/23/21 08:36	
880-1544-98	C-151 4'	Solid	04/21/21 09:10	04/23/21 08:36	
880-1544-99	C-152 4' SW	Solid	04/21/21 09:08	04/23/21 08:36	
880-1544-100	C-153 4' SW	Solid	04/21/21 09:06	04/23/21 08:36	
880-1544-101	C-154 4' SW	Solid	04/21/21 09:04	04/23/21 08:36	
880-1544-102	C-155 4' SW	Solid	04/21/21 09:02	04/23/21 08:36	

Eurofins Xenco, Midland

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880-1544 Chain of Custody

880-1544

Marson & Associates, Inc.
Environmental Consultants

432-687-0901

Data Reported to:

DATE: 4-22-21

PO#:

LAB WORK ORDER#:

PAGE 1 OF 2

PROJECT LOCATION OR NAME: 19-0180-08 (Winbury SAT 1)

LAI PROJECT #: 19-0180-08

COLLECTOR: TJ

CHAIN-OF-CUSTODY

1544

№1554

4/29/2021

TRRP report? ☐ Yes ☒ No		S=SOIL W=WATER A=AIR		P=PAINT SL=SLUDGE OT=OTHER		PRESERVATION HCl HNO ₃ H ₂ SO ₄ ☐ NaOH ☐ ICE UNPRESSED		ANALYSES BTEX ☒ MTBE ☐ TRPH 418 1 ☐ TPH 1005 ☐ TPH 1006 ☐ GASOLINE MOD 8015 ☐ DIESEL - MOD 8015 ☐ OIL - MOD 8015 ☐ VOC 8280 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ TBLP - METALS (RCRA) ☐ TCLP VOC ☐ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ TOTAL METALS (RCRA) ☐ DW 200 8 ☐ TCLP ☐ LEAD - TOTAL ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ PH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PECTHLORATE ☐ CHLORIDE ☐ ANIONS ☐ ALKALINITY ☐	
Field Sample ID	Lab #	Date	Time	Matrix	# of Containers	FIELD NOTES			
C-54 4'		4-21-21	1328	S	1				
C-55 4'			1326						
C-56 4'			1324						
C-57 4'			1322						
C-58 4'			1320						
C-59 4'			1318						
C-60 4'			1316						
C-61 4'			1314						
C-62 4'			1312						
C-63 4'			1310						
C-64 4'			1308						
C-65 4'			1306						
C-66 4'			1304						
C-67 4'			1302						
C-68 4'			1300						
TOTAL 15									
RELINQUISHED BY (Signature)		DATE/TIME		RECEIVED BY (Signature)		TURN AROUND TIME			
RELINQUISHED BY (Signature)		DATE/TIME		RECEIVED BY (Signature)		NORMAL ☒			
RELINQUISHED BY (Signature)		DATE/TIME		RECEIVED BY (Signature)		1 DAY ☐			
RELINQUISHED BY (Signature)		DATE/TIME		RECEIVED BY (Signature)		2 DAY ☐			
RELINQUISHED BY (Signature)		DATE/TIME		RECEIVED BY (Signature)		OTHER ☐			
LABORATORY		XENCO		LABORATORY USE ONLY:		RECEIVING TEMP 29.34 THERM# 128			
						CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED			
						☒ HAND DELIVERED			

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No 1555

Marson & Associates, Inc.
Environmental Consultants507 N. Warrenfield, Ste. 200
Midland, TX 79701
432-687-0901

CHAIN-OF-CUSTODY

Data Reported to

DATE: 4-22-21 PAGE 02 OF 7
PO#: _____ LAB WORK ORDER#: _____
PROJECT LOCATION OR NAME: Bluebelly SAT 1
LAI PROJECT #: 19-0180-08 COLLECTOR: TSTRRP report?
☐ Yes ☒ NoS=SOIL
W=WATER
A=AIR
P=PAINT
SL=SLUDGE
OT=OTHERTIME ZONE
Time zone/State
MSTField
Sample I D

Lab #

Date

Time

Matrix

of Containers

HCl

HNO₃H₂SO₄ ☐ NaOH ☐

ICE

UNPRESSERVED

PRESERVATION

ANALYSES

BTEX ☐TRPH 418 1 ☐TPH 1005 ☐TPH 1006 ☐GASOLINE MOD 8015 ☐DIESEL - MOD 8015 ☐OIL - MOD 8015 ☐VOC 8260 ☐SVOC 8270 ☐8081 PESTICIDES ☐8082 PESTICIDES ☐TBLP - METALS (RCRA) ☐TCLP - METALS (RCRA) ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐HEXAVALENT CHROMIUM ☐PECHLORATE ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐

FIELD NOTES

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO ₃	H ₂ SO ₄ ☐ NaOH ☐	ICE	UNPRESSERVED	PRESERVATION	ANALYSES	FIELD NOTES
C-69 4'		4-21-21	12:58	S	1				X			X	
C-70 4'			12:56									X	
C-71 4'			12:54									X	
C-72 4'			12:52									X	
C-73 4'			12:50										
C-74 4'			12:48										
C-75 4'			12:46										
C-76 4'			12:44										
C-77 4'			12:42										
C-78 4' SW			12:40										
C-79 4' SW			12:38										
C-80 4' SW			12:36										
C-81 4' SW			12:34										
C-82 4' SW			12:32										
C-83 4' SW			12:30										
TOTAL 15													

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RECEIVING TEMP

THERM#

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

NORMAL ☒CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

1 DAY ☐

CARRIER BILL # _____

LABORATORY XeVCo

DATE/TIME

RECEIVED BY (Signature)

2 DAY ☐HAND DELIVERED ☒

Varson & Associates, Inc.
Environmental Consultants

507 N. Morienfeld, Ste. 200
Midland, TX 79701
432-687-0901

Date Reported to

DATE: 4-22-21 PAGE 3 OF 7
PO#: _____ LAB WORK ORDER#: _____
PROJECT LOCATION OR NAME: Blindley SAT 1
LAI PROJECT #: 19-0180-08 COLLECTOR: TJ

TRRP report? ☐ Yes ☒ No		S=SOIL W=WATER A=AIR		P=PAINT SL=SLUDGE OT=OTHER	
TIME ZONE Time zone/State <u>MST</u>					
Field Sample I D	Lab #	Date	Time	Matrix	# of Containers
C-84 2'		4-21-21	11 24	5	1
C-85 2'			11 22		
C-86 2'			11 20		
C-87 2'			11 18		
C-88 2'			11 16		
C-89 2'			11 14		
C-90 2'			11 12		
C-91 2'			11 10		
C-92 2'			11 08		
C-93 2'			11 06		
C-94 2'			11 04		
C-95 2'			11 02		
C-96 2'			10 00		
C-97 2'			10 58		
C-98 2'			10 56		
TOTAL	15				

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
<u>[Signature]</u>	<u>4/21/21 8:30</u>	<u>[Signature]</u>	<u>4/21/21 8:30</u>
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME

LABORATORY	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME
<u>YenCo</u>			

TURN AROUND TIME	LABORATORY USE ONLY:
NORMAL ☒	RECEIVING TEMP <u>29.34</u> THERM# <u>128</u>
1 DAY ☐	CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED
2 DAY ☐	☐ CARRIER BILL # _____
OTHER ☐	☒ HAND DELIVERED

[illegible]

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No 1558

Marson & Associates, Inc.
Environmental Consultants507 N. Marientfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to

DATE: 4-22-21
PO#:
PROJECT LOCATION OR NAME: Blindley SAT 1
LAB PROJECT #: 19-0180-08 COLLECTOR: JS
LAB WORK ORDER#:
PAGE 5 OF 2

CHAIN-OF-CUSTODY

Field Sample ID	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION				ANALYSES	FIELD NOTES	
						HCl	HNO ₃	H ₂ SO ₄ ☐ NaOH ☐	ICE			UNPRESERVED
C-114 2'		4/21/21	10:24	S	1				X			
C-115 2'			10:22									
C-116 2'			10:20									
C-117 2'			10:18									
C-118 2'			10:16									
C-119 2'			10:14									
C-120 2'			10:12									
C-121 2'			10:10									
C-122 2'			10:08									
C-123 2'			10:06									
C-124 2'			10:04									
C-125 2'			10:02									
C-126 2'			10:00									
C-127 2'			09:58									
C-128 2'			09:56									
TOTAL 15												

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME	TURN AROUND TIME	LABORATORY USE ONLY:
<u>[Signature]</u>	4/21/21 5:36	<u>[Signature]</u>		NORMAL ☒ 1 DAY ☐ 2 DAY ☐ OTHER ☐	RECEIVING TEMP <u>2.9/3.4</u> THERM# <u>128</u> CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED CARRIER BILL # <u></u> ☒ HAND DELIVERED
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME		
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	DATE/TIME		
LABORATORY <u>XERO</u>					

- 1
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- 14

Marson & Associates, Inc.
Environmental Consultants

507 N. Marientfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to

DATE: 4-22-21 PAGE 6 OF 7
PO#: _____ LAB WORK ORDER#: _____
PROJECT LOCATION OR NAME: Bieberly St 1
LAI PROJECT #: 19-0180-08 COLLECTOR: TJ

CHAIN-OF-CUSTODY

No 1559

TRRP report? ☐ Yes ☒ No	S=SOIL W=WATER A=AIR	P=PAINT SL=SLUDGE OT=OTHER	PRESERVATION HCl HNO ₃ H ₂ SO ₄ ☐ NaOH ☐ ICE UNPRESERVED		ANALYSES BTX ☐ 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 ☐ TCLP - METALS (RCRA) ☐ TCLP VOC ☐ 8082 PCBs ☐ TCLP - METALS (RCRA) ☐ TCLP VOC ☐ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ TOTAL METALS (RCRA) ☐ D W 200 & TCLP ☐ LEAD - TOTAL ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ pH ☐ HEXVALENT CHROMIUM ☐ EXPLOSIVES ☐ PENTACHLORATE ☐ CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐			
TIME ZONE Time zone/State <u>MST</u>	Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	FIELD NOTES	
C-129 2'			4-21-21	0954	S	1	X	
C-130 2'				0952			X	
C-131 2' SW				0950			X	
C-132 2' SW				0948			X	
C-133 2' SW				0946			X	
C-134 2' SW				0944			X	
C-135 2' SW				0942			X	
C-136 2' SW				0940			X	
C-137 4'				0938			X	
C-138 4'				0936			X	
C-139 4'				0934			X	
C-140 4'				0932			X	
C-141 4'				0930			X	
C-142 4'				0928			X	
C-143 4'				0926			X	
TOTAL 15								
RELINQUISHED BY (Signature)	DATE/TIME		RECEIVED BY (Signature)		TURN AROUND TIME NORMAL ☒ 1 DAY ☐ 2 DAY ☐ OTHER ☐			
RELINQUISHED BY (Signature)	DATE/TIME		RECEIVED BY (Signature)		LABORATORY USE ONLY RECEIVING TEMP <u>29.34</u> THERM# <u>128</u> CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED ☒ CARRIER BILL # _____ ☒ HAND DELIVERED			
RELINQUISHED BY (Signature)	DATE/TIME		RECEIVED BY (Signature)					
RELINQUISHED BY (Signature)	DATE/TIME		RECEIVED BY (Signature)					
LABORATORY	XENCO							

Marson & Associates, Inc.
Environmental Consultants

507 N. Marientfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to

DATE: 4-22-21 PAGE 7 OF 2
PO#: _____ LAB WORK ORDER#: _____
PROJECT LOCATION OR NAME: Blindley SAT 1
LAI PROJECT #: 19-0140-08 COLLECTOR: TS

CHAIN-OF-CUSTODY

No 1560

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION				ANALYSES	FIELD NOTES	
						HCl	HNO ₃	H ₂ SO ₄ ☐ NaOH ☐	ICE			UNPRESERVED
C-144 4'		4-21-21	0924	5	1					X		
C-145 4'			0922							X		
C-146 4'			0920							X		
C-147 4'			0918							X		
C-148 4'			0916							X		
C-149 4'			0914							X		
C-150 4'			0912							X		
C-151 4'			0910							X		
C-152 4' SW			0908							X		
C-153 4' SW			0906							X		
C-154 4' SW			0904							X		
C-155 4' SW			0902							X		
TOTAL 12												
RELINQUISHED BY (Signature) _____						DATE/TIME <u>4/23/21</u> RECEIVED BY (Signature) _____						
RELINQUISHED BY (Signature) _____						DATE/TIME _____ RECEIVED BY (Signature) _____						
RELINQUISHED BY (Signature) _____						DATE/TIME _____ RECEIVED BY (Signature) _____						
LABORATORY <u>XenCo</u>						TURN AROUND TIME NORMAL ☒ 1 DAY ☐ 2 DAY ☐ OTHER ☐						
						LABORATORY USE ONLY: RECEIVING TEMP <u>29.34</u> THERM# <u>128</u> CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED ☒ CARRIER BILL # _____ ☒ HAND DELIVERED						

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-1544-1

SDG Number: NM

Login Number: 1544**List Number: 1****Creator: Teel, Brianna****List Source: Eurofins Midland**

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-2138-1
Client Project/Site: Blinebry SAT #1

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
5/18/2021 5:55:28 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

LINKS

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results through
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Laboratory Job ID: 880-2138-1

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Xenco, Midland

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

Job ID: 880-2138-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-2138-1****Receipt**

The sample was received on 5/13/2021 10:14 AM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.8°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-72, 7' (880-2138-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

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

HPLC/IC

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry SAT #1

Job ID: 880-2138-1

Client Sample ID: C-72, 7'

Lab Sample ID: 880-2138-1

Date Collected: 05/12/21 14:54

Matrix: Solid

Date Received: 05/13/21 10:14

Sample Depth: 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.485		0.101	mg/Kg		05/14/21 10:38	05/14/21 15:09	50
Toluene	1.15		0.101	mg/Kg		05/14/21 10:38	05/14/21 15:09	50
Ethylbenzene	2.06		0.101	mg/Kg		05/14/21 10:38	05/14/21 15:09	50
m-Xylene & p-Xylene	48.3		0.800	mg/Kg		05/13/21 13:35	05/18/21 00:01	200
o-Xylene	13.5		0.101	mg/Kg		05/14/21 10:38	05/14/21 15:09	50
Xylenes, Total	48.3		0.800	mg/Kg		05/13/21 13:35	05/18/21 00:01	200
Total BTEX	50.9		0.800	mg/Kg		05/13/21 13:35	05/18/21 00:01	200
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	406	S1+	70 - 130			05/14/21 10:38	05/14/21 15:09	50
1,4-Difluorobenzene (Surr)	85		70 - 130			05/14/21 10:38	05/14/21 15:09	50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	3260		499	mg/Kg		05/13/21 16:31	05/14/21 00:12	10
Diesel Range Organics (Over C10-C28)	12600		499	mg/Kg		05/13/21 16:31	05/14/21 00:12	10
Oil Range Organics (Over C28-C36)	1840		499	mg/Kg		05/13/21 16:31	05/14/21 00:12	10
Total TPH	17700		499	mg/Kg		05/13/21 16:31	05/14/21 00:12	10
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	236	S1+	70 - 130			05/13/21 16:31	05/14/21 00:12	10
o-Terphenyl	133	S1+	70 - 130			05/13/21 16:31	05/14/21 00:12	10

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1010		4.98	mg/Kg			05/14/21 19:09	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-2135-A-16-E MS	Matrix Spike	103	106
880-2135-A-16-F MSD	Matrix Spike Duplicate	110	110
880-2138-1	C-72, 7'	406 S1+	85
890-674-A-1-C MS	Matrix Spike	93	92
890-674-A-1-D MSD	Matrix Spike Duplicate	89	109
LCS 880-3114/1-A	Lab Control Sample	97	106
LCS 880-3160/1-A	Lab Control Sample	93	104
LCSD 880-3114/2-A	Lab Control Sample Dup	81	114
LCSD 880-3160/2-A	Lab Control Sample Dup	90	87
MB 880-3114/5-A	Method Blank	73	82
MB 880-3160/5-A	Method Blank	74	83
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-2138-1	C-72, 7'	236 S1+	133 S1+
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3114/5-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3114

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/14/21 10:38	05/14/21 13:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	05/14/21 10:38	05/14/21 13:53	1
1,4-Difluorobenzene (Surr)	82		70 - 130	05/14/21 10:38	05/14/21 13:53	1

Lab Sample ID: LCS 880-3114/1-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3114

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1097		mg/Kg		110	70 - 130
Toluene	0.100	0.1009		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.1105		mg/Kg		110	70 - 130
m-Xylene & p-Xylene	0.200	0.2129		mg/Kg		106	70 - 130
o-Xylene	0.100	0.1002		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	97		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-3114/2-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3114

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1006		mg/Kg		101	70 - 130	9	35
Toluene	0.100	0.09776		mg/Kg		98	70 - 130	3	35
Ethylbenzene	0.100	0.1072		mg/Kg		107	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.2092		mg/Kg		105	70 - 130	2	35
o-Xylene	0.100	0.1007		mg/Kg		101	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-2135-A-16-E MS

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00201	U	0.100	0.1141		mg/Kg		114	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry SAT #1

Job ID: 880-2138-1

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

Lab Sample ID: 880-2135-A-16-E MS

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3114

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00201	U	0.100	0.09535		mg/Kg		95	70 - 130
Ethylbenzene	<0.00201	U	0.100	0.1057		mg/Kg		105	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2049		mg/Kg		102	70 - 130
o-Xylene	<0.00201	U	0.100	0.09569		mg/Kg		95	70 - 130
Surrogate	MS %Recovery	MS Qualifier	MS Limits						
4-Bromofluorobenzene (Surr)	103		70 - 130						
1,4-Difluorobenzene (Surr)	106		70 - 130						

Lab Sample ID: 880-2135-A-16-F MSD

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3114

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0998	0.1164		mg/Kg		117	70 - 130	2	35
Toluene	<0.00201	U	0.0998	0.1068		mg/Kg		107	70 - 130	11	35
Ethylbenzene	<0.00201	U	0.0998	0.1074		mg/Kg		108	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.2056		mg/Kg		103	70 - 130	0	35
o-Xylene	<0.00201	U	0.0998	0.09528		mg/Kg		95	70 - 130	0	35
Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits								
4-Bromofluorobenzene (Surr)	110		70 - 130								
1,4-Difluorobenzene (Surr)	110		70 - 130								

Lab Sample ID: MB 880-3160/5-A

Matrix: Solid

Analysis Batch: 3161

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3160

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/17/21 09:05	05/17/21 14:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/17/21 09:05	05/17/21 14:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/17/21 09:05	05/17/21 14:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/17/21 09:05	05/17/21 14:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/17/21 09:05	05/17/21 14:20	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/17/21 09:05	05/17/21 14:20	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/17/21 09:05	05/17/21 14:20	1
Surrogate	MB %Recovery	MB Qualifier	MB Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	74		70 - 130			05/17/21 09:05	05/17/21 14:20	1
1,4-Difluorobenzene (Surr)	83		70 - 130			05/17/21 09:05	05/17/21 14:20	1

Lab Sample ID: LCS 880-3160/1-A

Matrix: Solid

Analysis Batch: 3161

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3160

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1095		mg/Kg		109	70 - 130
Toluene	0.100	0.09243		mg/Kg		92	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

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

Lab Sample ID: LCS 880-3160/1-A

Matrix: Solid

Analysis Batch: 3161

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3160

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.09811		mg/Kg		98	70 - 130
m-Xylene & p-Xylene	0.200	0.1901		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09135		mg/Kg		91	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-3160/2-A

Matrix: Solid

Analysis Batch: 3161

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3160

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09192		mg/Kg		92	70 - 130	17	35
Toluene	0.100	0.09101		mg/Kg		91	70 - 130	2	35
Ethylbenzene	0.100	0.09557		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1853		mg/Kg		93	70 - 130	3	35
o-Xylene	0.100	0.08857		mg/Kg		89	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	87		70 - 130

Lab Sample ID: 890-674-A-1-C MS

Matrix: Solid

Analysis Batch: 3161

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3160

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U	0.101	0.08210		mg/Kg		81	70 - 130
Toluene	<0.00200	U F1	0.101	0.07531		mg/Kg		75	70 - 130
Ethylbenzene	<0.00200	U F1	0.101	0.06468	F1	mg/Kg		64	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1	0.202	0.1222	F1	mg/Kg		61	70 - 130
o-Xylene	<0.00200	U F1	0.101	0.05667	F1	mg/Kg		56	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 890-674-A-1-D MSD

Matrix: Solid

Analysis Batch: 3161

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3160

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00200	U	0.0996	0.08778		mg/Kg		88	70 - 130	7	35
Toluene	<0.00200	U F1	0.0996	0.06074	F1	mg/Kg		61	70 - 130	21	35
Ethylbenzene	<0.00200	U F1	0.0996	0.04778	F1	mg/Kg		48	70 - 130	30	35
m-Xylene & p-Xylene	<0.00401	U F1	0.199	0.08966	F1	mg/Kg		45	70 - 130	31	35
o-Xylene	<0.00200	U F1	0.0996	0.04233	F1	mg/Kg		42	70 - 130	29	35

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

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

Surrogate	MSD MSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3094/1-A

Matrix: Solid

Analysis Batch: 3135

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	<5.00	U	5.00	mg/Kg			05/14/21 18:53	1

Lab Sample ID: LCS 880-3094/2-A

Matrix: Solid

Analysis Batch: 3135

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	251.8		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-3094/3-A

Matrix: Solid

Analysis Batch: 3135

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	244.8		mg/Kg					

Lab Sample ID: 880-2138-1 MS

Matrix: Solid

Analysis Batch: 3135

Client Sample ID: C-72, 7'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1010		249	1217	4	mg/Kg		83	90 - 110

Lab Sample ID: 880-2138-1 MSD

Matrix: Solid

Analysis Batch: 3135

Client Sample ID: C-72, 7'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1010		249	1217	4	mg/Kg		84	90 - 110	0	20

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

GC VOA

Prep Batch: 3073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2138-1	C-72, 7'	Total/NA	Solid	5035	

Prep Batch: 3114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2138-1	C-72, 7'	Total/NA	Solid	5035	
MB 880-3114/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3114/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3114/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2135-A-16-E MS	Matrix Spike	Total/NA	Solid	5035	
880-2135-A-16-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 3118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2138-1	C-72, 7'	Total/NA	Solid	8021B	3114
MB 880-3114/5-A	Method Blank	Total/NA	Solid	8021B	3114
LCS 880-3114/1-A	Lab Control Sample	Total/NA	Solid	8021B	3114
LCSD 880-3114/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3114
880-2135-A-16-E MS	Matrix Spike	Total/NA	Solid	8021B	3114
880-2135-A-16-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	3114

Prep Batch: 3160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-3160/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3160/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3160/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-674-A-1-C MS	Matrix Spike	Total/NA	Solid	5035	
890-674-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 3161

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2138-1	C-72, 7'	Total/NA	Solid	8021B	3073
MB 880-3160/5-A	Method Blank	Total/NA	Solid	8021B	3160
LCS 880-3160/1-A	Lab Control Sample	Total/NA	Solid	8021B	3160
LCSD 880-3160/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3160
890-674-A-1-C MS	Matrix Spike	Total/NA	Solid	8021B	3160
890-674-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	3160

GC Semi VOA

Analysis Batch: 3067

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2138-1	C-72, 7'	Total/NA	Solid	8015B NM	3080

Prep Batch: 3080

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2138-1	C-72, 7'	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 3094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2138-1	C-72, 7'	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

HPLC/IC (Continued)

Leach Batch: 3094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-3094/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3094/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3094/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2138-1 MS	C-72, 7'	Soluble	Solid	DI Leach	
880-2138-1 MSD	C-72, 7'	Soluble	Solid	DI Leach	

Analysis Batch: 3135

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2138-1	C-72, 7'	Soluble	Solid	300.0	3094
MB 880-3094/1-A	Method Blank	Soluble	Solid	300.0	3094
LCS 880-3094/2-A	Lab Control Sample	Soluble	Solid	300.0	3094
LCSD 880-3094/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3094
880-2138-1 MS	C-72, 7'	Soluble	Solid	300.0	3094
880-2138-1 MSD	C-72, 7'	Soluble	Solid	300.0	3094

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

Client Sample ID: C-72, 7'

Lab Sample ID: 880-2138-1

Date Collected: 05/12/21 14:54

Matrix: Solid

Date Received: 05/13/21 10:14

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3114	05/14/21 10:38	MR	XM
Total/NA	Analysis	8021B		50	3118	05/14/21 15:09	MR	XM
Total/NA	Prep	5035			3073	05/13/21 13:35	KL	XM
Total/NA	Analysis	8021B		200	3161	05/18/21 00:01	MR	XM
Total/NA	Prep	8015NM Prep			3080	05/13/21 16:31	DM	XM
Total/NA	Analysis	8015B NM		10	3067	05/14/21 00:12	AJ	XM
Soluble	Leach	DI Leach			3094	05/14/21 09:23	CH	XM
Soluble	Analysis	300.0		1	3135	05/14/21 19:09	CH	XM

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

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

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XM
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XM
300.0	Anions, Ion Chromatography	MCAWW	XM
5035	Closed System Purge and Trap	SW846	XM
8015NM Prep	Microextraction	SW846	XM
DI Leach	Deionized Water Leaching Procedure	ASTM	XM

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2138-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-2138-1	C-72, 7'	Solid	05/12/21 14:54	05/13/21 10:14	

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

5/18/2021

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-2138-1

Login Number: 2138

List Source: Eurofins Midland

List Number: 1

Creator: Teel, Brianna

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-2285-1
Client Project/Site: Blinebry SAT #1

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in cursive script that reads "Holly Taylor".

Authorized for release by:
5/26/2021 2:49:41 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Laboratory Job ID: 880-2285-1

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Xenco, Midland

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

Job ID: 880-2285-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-2285-1****Comments**

No additional comments.

Receipt

The sample was received on 5/19/2021 8:53 AM. Unless otherwise noted below, the sample arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.1° C.

Receipt Exceptions

Per client request 5/19/2021, the sample was logged for 300.0 Chloride analysis.

GC VOA

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

GC Semi VOA

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

General Chemistry

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for 880-1054 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits. The associated samples are: C-72,South Sidewall 4-1.7' (880-2285-1).

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

Client Sample ID: C-72, South Sidewall 4.1-7'

Lab Sample ID: 880-2285-1

Date Collected: 05/12/21 14:53

Matrix: Solid

Date Received: 05/19/21 08:23

Sample Depth: 4.1 - 7

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.164		0.0992	mg/Kg		05/19/21 12:00	05/19/21 19:15	50
Toluene	1.29		0.0992	mg/Kg		05/19/21 12:00	05/19/21 19:15	50
Ethylbenzene	8.85		0.0992	mg/Kg		05/19/21 12:00	05/19/21 19:15	50
m-Xylene & p-Xylene	24.0		0.198	mg/Kg		05/19/21 12:00	05/19/21 19:15	50
o-Xylene	10.7		0.0992	mg/Kg		05/19/21 12:00	05/19/21 19:15	50
Xylenes, Total	34.7		0.198	mg/Kg		05/19/21 12:00	05/19/21 19:15	50
Total BTEX	45.0		0.198	mg/Kg		05/19/21 12:00	05/19/21 19:15	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	199	S1+	70 - 130	05/19/21 12:00	05/19/21 19:15	50
1,4-Difluorobenzene (Surr)	102		70 - 130	05/19/21 12:00	05/19/21 19:15	50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	301		50.0	mg/Kg		05/19/21 10:30	05/19/21 20:28	1
Diesel Range Organics (Over C10-C28)	1080		50.0	mg/Kg		05/19/21 10:30	05/19/21 20:28	1
Oil Range Organics (Over C28-C36)	140		50.0	mg/Kg		05/19/21 10:30	05/19/21 20:28	1
Total TPH	1520		50.0	mg/Kg		05/19/21 10:30	05/19/21 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	23	S1-	70 - 130	05/19/21 10:30	05/19/21 20:28	1
o-Terphenyl	24	S1-	70 - 130	05/19/21 10:30	05/19/21 20:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1600		24.8	mg/Kg			05/21/21 12:26	5

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-2263-A-1-A MS	Matrix Spike	92	96
880-2263-A-1-B MSD	Matrix Spike Duplicate	248 S1+	253 S1+
880-2285-1	C-72, South Sidewall 4-1.7'	199 S1+	102
LCS 880-3212/1-A	Lab Control Sample	109	101
LCSD 880-3212/2-A	Lab Control Sample Dup	116	99
MB 880-3212/5-A	Method Blank	88	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-2285-1	C-72, South Sidewall 4-1.7'	23 S1-	24 S1-
890-678-A-31-D MS	Matrix Spike	83	85
890-678-A-31-E MSD	Matrix Spike Duplicate	82	85
LCS 880-3222/2-A	Lab Control Sample	87	96
LCSD 880-3222/3-A	Lab Control Sample Dup	91	101
MB 880-3222/1-A	Method Blank	91	106

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3212/5-A

Matrix: Solid

Analysis Batch: 3218

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3212

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/19/21 09:00	05/19/21 11:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/19/21 09:00	05/19/21 11:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/19/21 09:00	05/19/21 11:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/19/21 09:00	05/19/21 11:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/19/21 09:00	05/19/21 11:30	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/19/21 09:00	05/19/21 11:30	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/19/21 09:00	05/19/21 11:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	05/19/21 09:00	05/19/21 11:30	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/19/21 09:00	05/19/21 11:30	1

Lab Sample ID: LCS 880-3212/1-A

Matrix: Solid

Analysis Batch: 3218

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3212

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07738		mg/Kg		77	70 - 130
Toluene	0.100	0.08113		mg/Kg		81	70 - 130
Ethylbenzene	0.100	0.09084		mg/Kg		91	70 - 130
m-Xylene & p-Xylene	0.200	0.1903		mg/Kg		95	70 - 130
o-Xylene	0.100	0.09828		mg/Kg		98	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-3212/2-A

Matrix: Solid

Analysis Batch: 3218

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3212

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.07397		mg/Kg		74	70 - 130	5	35
Toluene	0.100	0.07950		mg/Kg		79	70 - 130	2	35
Ethylbenzene	0.100	0.09287		mg/Kg		93	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.1968		mg/Kg		98	70 - 130	3	35
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	116		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: 880-2263-A-1-A MS

Matrix: Solid

Analysis Batch: 3218

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3212

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1 F2	0.100	0.04611	F1	mg/Kg		46	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

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

Lab Sample ID: 880-2263-A-1-A MS

Matrix: Solid

Analysis Batch: 3218

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3212

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00199	U F1 F2	0.100	0.05163	F1	mg/Kg		52	70 - 130
Ethylbenzene	<0.00199	U F1 F2	0.100	0.05035	F1	mg/Kg		50	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.200	0.09833	F1	mg/Kg		49	70 - 130
o-Xylene	<0.00199	U F1 F2	0.100	0.05239	F1	mg/Kg		52	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	92		70 - 130						
1,4-Difluorobenzene (Surr)	96		70 - 130						

Lab Sample ID: 880-2263-A-1-B MSD

Matrix: Solid

Analysis Batch: 3218

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3212

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.0994	0.1469	F1 F2	mg/Kg		148	70 - 130	104	35
Toluene	<0.00199	U F1 F2	0.0994	0.1418	F1 F2	mg/Kg		143	70 - 130	93	35
Ethylbenzene	<0.00199	U F1 F2	0.0994	0.1363	F1 F2	mg/Kg		137	70 - 130	92	35
m-Xylene & p-Xylene	<0.00398	U F1 F2	0.199	0.2648	F1 F2	mg/Kg		133	70 - 130	92	35
o-Xylene	<0.00199	U F1 F2	0.0994	0.1436	F1 F2	mg/Kg		144	70 - 130	93	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	248	S1+	70 - 130								
1,4-Difluorobenzene (Surr)	253	S1+	70 - 130								

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

Lab Sample ID: MB 880-3222/1-A

Matrix: Solid

Analysis Batch: 3224

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3222

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/19/21 08:44	05/19/21 10:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/19/21 08:44	05/19/21 10:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/19/21 08:44	05/19/21 10:13	1
Total TPH	<50.0	U	50.0	mg/Kg		05/19/21 08:44	05/19/21 10:13	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			05/19/21 08:44	05/19/21 10:13	1
o-Terphenyl	106		70 - 130			05/19/21 08:44	05/19/21 10:13	1

Lab Sample ID: LCS 880-3222/2-A

Matrix: Solid

Analysis Batch: 3224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3222

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	904.4		mg/Kg		90	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

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

Lab Sample ID: LCS 880-3222/2-A

Matrix: Solid

Analysis Batch: 3224

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3222

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Diesel Range Organics (Over C10-C28)			1000	1051		mg/Kg		105	70 - 130		
Surrogate	LCS %Recovery	LCS Qualifier	Limits								
1-Chlorooctane	87		70 - 130								
o-Terphenyl	96		70 - 130								

Lab Sample ID: LCSD 880-3222/3-A

Matrix: Solid

Analysis Batch: 3224

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3222

Top Bottom											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	888.8		mg/Kg		89	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1109		mg/Kg		111	70 - 130	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	91		70 - 130								
o-Terphenyl	101		70 - 130								

Lab Sample ID: 890-678-A-31-D MS

Matrix: Solid

Analysis Batch: 3224

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3222

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	883.6		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1058		mg/Kg		106	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	83		70 - 130								
o-Terphenyl	85		70 - 130								

Lab Sample ID: 890-678-A-31-E MSD

Matrix: Solid

Analysis Batch: 3224

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3222

Top Bottom											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	866.6		mg/Kg		87	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1057		mg/Kg		106	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	82		70 - 130								
o-Terphenyl	85		70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3275/1-A

Matrix: Solid

Analysis Batch: 3295

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			05/20/21 17:33	1

Lab Sample ID: LCS 880-3275/2-A

Matrix: Solid

Analysis Batch: 3295

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	255.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-3275/3-A

Matrix: Solid

Analysis Batch: 3295

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	252.4		mg/Kg		101	90 - 110	1	20

Lab Sample ID: 880-2285-1 MS

Matrix: Solid

Analysis Batch: 3295

Client Sample ID: C-72,South Sidewall 4-1.7'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1600		248	2852	4	mg/Kg		503	90 - 110

Lab Sample ID: 880-2285-1 MSD

Matrix: Solid

Analysis Batch: 3295

Client Sample ID: C-72,South Sidewall 4-1.7'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1600		248	2825	4	mg/Kg		492	90 - 110	1	20

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

GC VOA

Prep Batch: 3212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2285-1	C-72,South Sidewall 4-1.7'	Total/NA	Solid	5035	
MB 880-3212/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3212/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3212/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2263-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
880-2263-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 3218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2285-1	C-72,South Sidewall 4-1.7'	Total/NA	Solid	8021B	3212
MB 880-3212/5-A	Method Blank	Total/NA	Solid	8021B	3212
LCS 880-3212/1-A	Lab Control Sample	Total/NA	Solid	8021B	3212
LCSD 880-3212/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3212
880-2263-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	3212
880-2263-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	3212

GC Semi VOA

Prep Batch: 3222

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2285-1	C-72,South Sidewall 4-1.7'	Total/NA	Solid	8015NM Prep	
MB 880-3222/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3222/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3222/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-678-A-31-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-678-A-31-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 3224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2285-1	C-72,South Sidewall 4-1.7'	Total/NA	Solid	8015B NM	3222
MB 880-3222/1-A	Method Blank	Total/NA	Solid	8015B NM	3222
LCS 880-3222/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3222
LCSD 880-3222/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3222
890-678-A-31-D MS	Matrix Spike	Total/NA	Solid	8015B NM	3222
890-678-A-31-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	3222

HPLC/IC

Leach Batch: 3275

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2285-1	C-72,South Sidewall 4-1.7'	Soluble	Solid	DI Leach	
MB 880-3275/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3275/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3275/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2285-1 MS	C-72,South Sidewall 4-1.7'	Soluble	Solid	DI Leach	
880-2285-1 MSD	C-72,South Sidewall 4-1.7'	Soluble	Solid	DI Leach	

Analysis Batch: 3295

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2285-1	C-72,South Sidewall 4-1.7'	Soluble	Solid	300.0	3275
MB 880-3275/1-A	Method Blank	Soluble	Solid	300.0	3275
LCS 880-3275/2-A	Lab Control Sample	Soluble	Solid	300.0	3275

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

HPLC/IC (Continued)

Analysis Batch: 3295 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-3275/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3275
880-2285-1 MS	C-72,South Sidewall 4-1.7'	Soluble	Solid	300.0	3275
880-2285-1 MSD	C-72,South Sidewall 4-1.7'	Soluble	Solid	300.0	3275

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

Client Sample ID: C-72, South Sidewall 4-1.7'

Lab Sample ID: 880-2285-1

Date Collected: 05/12/21 14:53

Matrix: Solid

Date Received: 05/19/21 08:23

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	3212	05/19/21 12:00	KL	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	3218	05/19/21 19:15	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3222	05/19/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3224	05/19/21 20:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3275	05/20/21 10:08	SC	XEN MID
Soluble	Analysis	300.0		5	0 mL	1.0 mL	3295	05/21/21 12:26	WP	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Eurofins Xenco, Midland

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT #1

Job ID: 880-2285-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-2285-1	C-72, South Sidewall 4-1.7'	Solid	05/12/21 14:53	05/19/21 08:23	

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5/26/2021

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-2285-1

Login Number: 2285

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-2167-1
Client Project/Site: Blinebry SAT 1

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
5/19/2021 3:53:21 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Laboratory Job ID: 880-2167-1

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Xenco, Midland

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Job ID: 880-2167-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-2167-1

Comments

No additional comments.

Receipt

The samples were received on 5/14/2021 9:29 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 6.0° C.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-3119 and analytical batch 880-3103 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-2167-A-1-E MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-3126 and analytical batch 880-3118 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Internal standard responses were outside of acceptance limits for the following sample: C-41 (880-2167-9). The sample(s) shows evidence of matrix interference.

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

GC Semi VOA

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-10 SW

Lab Sample ID: 880-2167-1

Date Collected: 05/13/21 09:02

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200	mg/Kg		05/14/21 11:07	05/15/21 01:20	1
Toluene	<0.00200	U F1	0.00200	mg/Kg		05/14/21 11:07	05/15/21 01:20	1
Ethylbenzene	<0.00200	U F1	0.00200	mg/Kg		05/14/21 11:07	05/15/21 01:20	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399	mg/Kg		05/14/21 11:07	05/15/21 01:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 01:20	1
Xylenes, Total	<0.00399	U F1	0.00399	mg/Kg		05/14/21 11:07	05/15/21 01:20	1
Total BTEX	<0.00399	U F1	0.00399	mg/Kg		05/14/21 11:07	05/15/21 01:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/14/21 11:07	05/15/21 01:20	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/14/21 11:07	05/15/21 01:20	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 17:08	1
Diesel Range Organics (Over C10-C28)	65.4		49.9	mg/Kg		05/14/21 10:49	05/14/21 17:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 17:08	1
Total TPH	65.4		49.9	mg/Kg		05/14/21 10:49	05/14/21 17:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	05/14/21 10:49	05/14/21 17:08	1
o-Terphenyl	98		70 - 130	05/14/21 10:49	05/14/21 17:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	733	F1	5.00	mg/Kg			05/15/21 13:48	1

Client Sample ID: C-13

Lab Sample ID: 880-2167-2

Date Collected: 05/13/21 09:04

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/14/21 11:07	05/15/21 01:41	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/14/21 11:07	05/15/21 01:41	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/14/21 11:07	05/15/21 01:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/14/21 11:07	05/15/21 01:41	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/14/21 11:07	05/15/21 01:41	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/14/21 11:07	05/15/21 01:41	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/14/21 11:07	05/15/21 01:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	05/14/21 11:07	05/15/21 01:41	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/14/21 11:07	05/15/21 01:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 18:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-13

Lab Sample ID: 880-2167-2

Date Collected: 05/13/21 09:04

Matrix: Solid

Date Received: 05/14/21 09:29

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 18:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 18:11	1
Total TPH	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 18:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			05/14/21 10:49	05/14/21 18:11	1
o-Terphenyl	107		70 - 130			05/14/21 10:49	05/14/21 18:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.10		4.96	mg/Kg			05/15/21 14:03	1

Client Sample ID: C-15

Lab Sample ID: 880-2167-3

Date Collected: 05/13/21 09:06

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 02:01	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 02:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 02:01	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		05/14/21 11:07	05/15/21 02:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 02:01	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		05/14/21 11:07	05/15/21 02:01	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		05/14/21 11:07	05/15/21 02:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			05/14/21 11:07	05/15/21 02:01	1
1,4-Difluorobenzene (Surr)	101		70 - 130			05/14/21 11:07	05/15/21 02:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 18:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 18:32	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 18:32	1
Total TPH	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 18:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			05/14/21 10:49	05/14/21 18:32	1
o-Terphenyl	102		70 - 130			05/14/21 10:49	05/14/21 18:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.71		4.95	mg/Kg			05/15/21 14:09	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-16

Lab Sample ID: 880-2167-4

Date Collected: 05/13/21 09:08

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/14/21 11:07	05/15/21 02:22	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/14/21 11:07	05/15/21 02:22	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/14/21 11:07	05/15/21 02:22	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		05/14/21 11:07	05/15/21 02:22	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/14/21 11:07	05/15/21 02:22	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		05/14/21 11:07	05/15/21 02:22	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		05/14/21 11:07	05/15/21 02:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/14/21 11:07	05/15/21 02:22	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/14/21 11:07	05/15/21 02:22	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 18:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 18:53	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 18:53	1
Total TPH	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 18:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	05/14/21 10:49	05/14/21 18:53	1
o-Terphenyl	109		70 - 130	05/14/21 10:49	05/14/21 18:53	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.10		5.05	mg/Kg			05/15/21 14:14	1

Client Sample ID: C-17

Lab Sample ID: 880-2167-5

Date Collected: 05/13/21 09:10

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/14/21 11:07	05/15/21 02:42	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/14/21 11:07	05/15/21 02:42	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/14/21 11:07	05/15/21 02:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/14/21 11:07	05/15/21 02:42	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/14/21 11:07	05/15/21 02:42	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/14/21 11:07	05/15/21 02:42	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		05/14/21 11:07	05/15/21 02:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	05/14/21 11:07	05/15/21 02:42	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/14/21 11:07	05/15/21 02:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 19:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-17

Lab Sample ID: 880-2167-5

Date Collected: 05/13/21 09:10

Matrix: Solid

Date Received: 05/14/21 09:29

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 19:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 19:14	1
Total TPH	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 19:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			05/14/21 10:49	05/14/21 19:14	1
o-Terphenyl	113		70 - 130			05/14/21 10:49	05/14/21 19:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.5		4.98	mg/Kg			05/15/21 14:19	1

Client Sample ID: C-18

Lab Sample ID: 880-2167-6

Date Collected: 05/13/21 09:12

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 03:03	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 03:03	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 03:03	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/14/21 11:07	05/15/21 03:03	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 03:03	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/14/21 11:07	05/15/21 03:03	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		05/14/21 11:07	05/15/21 03:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130			05/14/21 11:07	05/15/21 03:03	1
1,4-Difluorobenzene (Surr)	101		70 - 130			05/14/21 11:07	05/15/21 03:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 19:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 19:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 19:35	1
Total TPH	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 19:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			05/14/21 10:49	05/14/21 19:35	1
o-Terphenyl	104		70 - 130			05/14/21 10:49	05/14/21 19:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.7		5.00	mg/Kg			05/15/21 14:34	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-19

Lab Sample ID: 880-2167-7

Date Collected: 05/13/21 09:14

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/14/21 11:07	05/15/21 03:23	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/14/21 11:07	05/15/21 03:23	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/14/21 11:07	05/15/21 03:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/14/21 11:07	05/15/21 03:23	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/14/21 11:07	05/15/21 03:23	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/14/21 11:07	05/15/21 03:23	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/14/21 11:07	05/15/21 03:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/14/21 11:07	05/15/21 03:23	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/14/21 11:07	05/15/21 03:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 19:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 19:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 19:56	1
Total TPH	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 19:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	111		70 - 130	05/14/21 10:49	05/14/21 19:56	1
o-Terphenyl	112		70 - 130	05/14/21 10:49	05/14/21 19:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	51.5		5.00	mg/Kg			05/15/21 14:39	1

Client Sample ID: C-20

Lab Sample ID: 880-2167-8

Date Collected: 05/13/21 09:16

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1	0.00200	mg/Kg		05/14/21 13:46	05/15/21 03:39	1
Toluene	<0.00200	U F1	0.00200	mg/Kg		05/14/21 13:46	05/15/21 03:39	1
Ethylbenzene	<0.00200	U F1	0.00200	mg/Kg		05/14/21 13:46	05/15/21 03:39	1
m-Xylene & p-Xylene	<0.00399	U F1	0.00399	mg/Kg		05/14/21 13:46	05/15/21 03:39	1
o-Xylene	<0.00200	U F1	0.00200	mg/Kg		05/14/21 13:46	05/15/21 03:39	1
Xylenes, Total	<0.00399	U F1	0.00399	mg/Kg		05/14/21 13:46	05/15/21 03:39	1
Total BTEX	<0.00399	U F1	0.00399	mg/Kg		05/14/21 13:46	05/15/21 03:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/14/21 13:46	05/15/21 03:39	1
1,4-Difluorobenzene (Surr)	76		70 - 130	05/14/21 13:46	05/15/21 03:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 20:16	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-20

Lab Sample ID: 880-2167-8

Date Collected: 05/13/21 09:16

Matrix: Solid

Date Received: 05/14/21 09:29

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 20:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 20:16	1
Total TPH	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 20:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			05/14/21 10:49	05/14/21 20:16	1
o-Terphenyl	115		70 - 130			05/14/21 10:49	05/14/21 20:16	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.0		5.02	mg/Kg			05/15/21 14:44	1

Client Sample ID: C-41

Lab Sample ID: 880-2167-9

Date Collected: 05/13/21 09:18

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 04:05	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 04:05	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 04:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/14/21 13:46	05/15/21 04:05	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 04:05	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/14/21 13:46	05/15/21 04:05	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/14/21 13:46	05/15/21 04:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130			05/14/21 13:46	05/15/21 04:05	1
1,4-Difluorobenzene (Surr)	76		70 - 130			05/14/21 13:46	05/15/21 04:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 20:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 20:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 20:37	1
Total TPH	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 20:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130			05/14/21 10:49	05/14/21 20:37	1
o-Terphenyl	107		70 - 130			05/14/21 10:49	05/14/21 20:37	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		5.03	mg/Kg			05/15/21 14:49	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-42

Lab Sample ID: 880-2167-10

Date Collected: 05/13/21 09:20

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 04:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 04:32	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 04:32	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/14/21 13:46	05/15/21 04:32	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 04:32	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/14/21 13:46	05/15/21 04:32	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/14/21 13:46	05/15/21 04:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	05/14/21 13:46	05/15/21 04:32	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/14/21 13:46	05/15/21 04:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 20:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 20:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 20:58	1
Total TPH	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 20:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	05/14/21 10:49	05/14/21 20:58	1
o-Terphenyl	100		70 - 130	05/14/21 10:49	05/14/21 20:58	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.7		5.00	mg/Kg			05/15/21 14:54	1

Client Sample ID: C-43

Lab Sample ID: 880-2167-11

Date Collected: 05/13/21 09:22

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 04:58	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 04:58	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 04:58	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/14/21 13:46	05/15/21 04:58	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 04:58	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/14/21 13:46	05/15/21 04:58	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/14/21 13:46	05/15/21 04:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	05/14/21 13:46	05/15/21 04:58	1
1,4-Difluorobenzene (Surr)	87		70 - 130	05/14/21 13:46	05/15/21 04:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 21:40	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-43

Lab Sample ID: 880-2167-11

Date Collected: 05/13/21 09:22

Matrix: Solid

Date Received: 05/14/21 09:29

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 21:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 21:40	1
Total TPH	<49.8	U	49.8	mg/Kg		05/14/21 10:49	05/14/21 21:40	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			05/14/21 10:49	05/14/21 21:40	1
o-Terphenyl	103		70 - 130			05/14/21 10:49	05/14/21 21:40	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	12.0		4.95	mg/Kg			05/15/21 14:59	1

Client Sample ID: C-44

Lab Sample ID: 880-2167-12

Date Collected: 05/13/21 09:24

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 05:24	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 05:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 05:24	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/14/21 13:46	05/15/21 05:24	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 05:24	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/14/21 13:46	05/15/21 05:24	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		05/14/21 13:46	05/15/21 05:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130			05/14/21 13:46	05/15/21 05:24	1
1,4-Difluorobenzene (Surr)	86		70 - 130			05/14/21 13:46	05/15/21 05:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:01	1
Total TPH	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			05/14/21 10:49	05/14/21 22:01	1
o-Terphenyl	106		70 - 130			05/14/21 10:49	05/14/21 22:01	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	33.8		5.03	mg/Kg			05/15/21 15:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-45

Lab Sample ID: 880-2167-13

Date Collected: 05/13/21 09:25

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 05:51	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 05:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 05:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/14/21 13:46	05/15/21 05:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 05:51	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/14/21 13:46	05/15/21 05:51	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		05/14/21 13:46	05/15/21 05:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	05/14/21 13:46	05/15/21 05:51	1
1,4-Difluorobenzene (Surr)	88		70 - 130	05/14/21 13:46	05/15/21 05:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:22	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:22	1
Total TPH	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	05/14/21 10:49	05/14/21 22:22	1
o-Terphenyl	104		70 - 130	05/14/21 10:49	05/14/21 22:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.2		5.00	mg/Kg			05/15/21 15:19	1

Client Sample ID: C-47

Lab Sample ID: 880-2167-14

Date Collected: 05/13/21 09:26

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 06:16	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 06:16	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 06:16	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/14/21 13:46	05/15/21 06:16	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/14/21 13:46	05/15/21 06:16	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/14/21 13:46	05/15/21 06:16	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/14/21 13:46	05/15/21 06:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	05/14/21 13:46	05/15/21 06:16	1
1,4-Difluorobenzene (Surr)	102		70 - 130	05/14/21 13:46	05/15/21 06:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:42	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-47

Lab Sample ID: 880-2167-14

Date Collected: 05/13/21 09:26

Matrix: Solid

Date Received: 05/14/21 09:29

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:42	1
Total TPH	<49.9	U	49.9	mg/Kg		05/14/21 10:49	05/14/21 22:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			05/14/21 10:49	05/14/21 22:42	1
o-Terphenyl	111		70 - 130			05/14/21 10:49	05/14/21 22:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.5		4.97	mg/Kg			05/15/21 15:34	1

Client Sample ID: C-49

Lab Sample ID: 880-2167-15

Date Collected: 05/13/21 09:28

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 06:42	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 06:42	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 06:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/14/21 13:46	05/15/21 06:42	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 06:42	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/14/21 13:46	05/15/21 06:42	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/14/21 13:46	05/15/21 06:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			05/14/21 13:46	05/15/21 06:42	1
1,4-Difluorobenzene (Surr)	92		70 - 130			05/14/21 13:46	05/15/21 06:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/14/21 15:47	05/15/21 07:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/14/21 15:47	05/15/21 07:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/14/21 15:47	05/15/21 07:23	1
Total TPH	<50.0	U	50.0	mg/Kg		05/14/21 15:47	05/15/21 07:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130			05/14/21 15:47	05/15/21 07:23	1
o-Terphenyl	99		70 - 130			05/14/21 15:47	05/15/21 07:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.91		5.00	mg/Kg			05/15/21 15:39	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-51 SW

Lab Sample ID: 880-2167-16

Date Collected: 05/13/21 09:30

Matrix: Solid

Date Received: 05/14/21 09:29

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		05/14/21 13:46	05/15/21 07:08	1
Toluene	<0.00198	U	0.00198	mg/Kg		05/14/21 13:46	05/15/21 07:08	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		05/14/21 13:46	05/15/21 07:08	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		05/14/21 13:46	05/15/21 07:08	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		05/14/21 13:46	05/15/21 07:08	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		05/14/21 13:46	05/15/21 07:08	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		05/14/21 13:46	05/15/21 07:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/14/21 13:46	05/15/21 07:08	1
1,4-Difluorobenzene (Surr)	87		70 - 130	05/14/21 13:46	05/15/21 07:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 23:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 23:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 23:24	1
Total TPH	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 23:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	106		70 - 130	05/14/21 10:49	05/14/21 23:24	1
o-Terphenyl	107		70 - 130	05/14/21 10:49	05/14/21 23:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.0		4.96	mg/Kg			05/15/21 15:44	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blineby SAT 1

Job ID: 880-2167-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-2167-1	C-10 SW	107	99
880-2167-1 MS	C-10 SW	111	96
880-2167-1 MSD	C-10 SW	114	93
880-2167-2	C-13	116	98
880-2167-3	C-15	114	101
880-2167-4	C-16	113	102
880-2167-5	C-17	117	100
880-2167-6	C-18	112	101
880-2167-7	C-19	113	102
880-2167-8	C-20	100	76
880-2167-8 MS	C-20	98	88
880-2167-8 MSD	C-20	98	97
880-2167-9	C-41	93	76
880-2167-10	C-42	91	94
880-2167-11	C-43	92	87
880-2167-12	C-44	100	86
880-2167-13	C-45	99	88
880-2167-14	C-47	116	102
880-2167-15	C-49	92	92
880-2167-16	C-51 SW	102	87
LCS 880-3119/1-A	Lab Control Sample	104	100
LCS 880-3126/1-A	Lab Control Sample	88	96
LCSD 880-3119/2-A	Lab Control Sample Dup	105	98
LCSD 880-3126/2-A	Lab Control Sample Dup	81	92
MB 880-3104/5-A	Method Blank	106	94
MB 880-3114/5-A	Method Blank	73	82
MB 880-3119/5-A	Method Blank	108	94
MB 880-3126/5-A	Method Blank	70	84
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-2167-1	C-10 SW	95	98
880-2167-1 MS	C-10 SW	95	85
880-2167-1 MSD	C-10 SW	94	83
880-2167-2	C-13	103	107
880-2167-3	C-15	102	102
880-2167-4	C-16	110	109
880-2167-5	C-17	109	113
880-2167-6	C-18	101	104
880-2167-7	C-19	111	112
880-2167-8	C-20	112	115
880-2167-9	C-41	106	107

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.

Job ID: 880-2167-1

Project/Site: Blinebry SAT 1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-2167-10	C-42	96	100
880-2167-11	C-43	102	103
880-2167-12	C-44	103	106
880-2167-13	C-45	106	104
880-2167-14	C-47	112	111
880-2167-15	C-49	102	99
880-2167-16	C-51 SW	106	107
890-668-A-1-F MS	Matrix Spike	100	93
890-668-A-1-G MSD	Matrix Spike Duplicate	98	90
LCS 880-3117/2-A	Lab Control Sample	99	93
LCS 880-3136/2-A	Lab Control Sample	104	97
LCSD 880-3117/3-A	Lab Control Sample Dup	99	91
LCSD 880-3136/3-A	Lab Control Sample Dup	103	98
MB 880-3117/1-A	Method Blank	115	120
MB 880-3136/1-A	Method Blank	128	133 S1+

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3104/5-A

Matrix: Solid

Analysis Batch: 3103

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3104

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:11	05/14/21 13:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:11	05/14/21 13:16	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:11	05/14/21 13:16	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/14/21 10:11	05/14/21 13:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:11	05/14/21 13:16	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/14/21 10:11	05/14/21 13:16	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/14/21 10:11	05/14/21 13:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/14/21 10:11	05/14/21 13:16	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/14/21 10:11	05/14/21 13:16	1

Lab Sample ID: MB 880-3114/5-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3114

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/14/21 10:38	05/14/21 13:53	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/14/21 10:38	05/14/21 13:53	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	73		70 - 130	05/14/21 10:38	05/14/21 13:53	1
1,4-Difluorobenzene (Surr)	82		70 - 130	05/14/21 10:38	05/14/21 13:53	1

Lab Sample ID: MB 880-3119/5-A

Matrix: Solid

Analysis Batch: 3103

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3119

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 00:52	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 00:52	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 00:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/14/21 11:07	05/15/21 00:52	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 11:07	05/15/21 00:52	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/14/21 11:07	05/15/21 00:52	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/14/21 11:07	05/15/21 00:52	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/14/21 11:07	05/15/21 00:52	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/14/21 11:07	05/15/21 00:52	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

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

Lab Sample ID: LCS 880-3119/1-A

Matrix: Solid

Analysis Batch: 3103

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3119

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.08144		mg/Kg		81	70 - 130
Toluene	0.100	0.09298		mg/Kg		93	70 - 130
Ethylbenzene	0.100	0.09950		mg/Kg		99	70 - 130
m-Xylene & p-Xylene	0.200	0.2012		mg/Kg		101	70 - 130
o-Xylene	0.100	0.1027		mg/Kg		103	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-3119/2-A

Matrix: Solid

Analysis Batch: 3103

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3119

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08105		mg/Kg		81	70 - 130	0	35
Toluene	0.100	0.09352		mg/Kg		94	70 - 130	1	35
Ethylbenzene	0.100	0.09917		mg/Kg		99	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.1997		mg/Kg		100	70 - 130	1	35
o-Xylene	0.100	0.1024		mg/Kg		102	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-2167-1 MS

Matrix: Solid

Analysis Batch: 3103

Client Sample ID: C-10 SW

Prep Type: Total/NA

Prep Batch: 3119

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1	0.0998	0.06055	F1	mg/Kg		61	70 - 130
Toluene	<0.00200	U F1	0.0998	0.07011		mg/Kg		70	70 - 130
Ethylbenzene	<0.00200	U F1	0.0998	0.07122		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1387	F1	mg/Kg		69	70 - 130
o-Xylene	<0.00200	U	0.0998	0.07432		mg/Kg		74	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-2167-1 MSD

Matrix: Solid

Analysis Batch: 3103

Client Sample ID: C-10 SW

Prep Type: Total/NA

Prep Batch: 3119

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.100	0.04903	F1	mg/Kg		49	70 - 130	21	35
Toluene	<0.00200	U F1	0.100	0.06291	F1	mg/Kg		63	70 - 130	11	35
Ethylbenzene	<0.00200	U F1	0.100	0.06461	F1	mg/Kg		64	70 - 130	10	35

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

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

Lab Sample ID: 880-2167-1 MSD

Matrix: Solid

Analysis Batch: 3103

Client Sample ID: C-10 SW

Prep Type: Total/NA

Prep Batch: 3119

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U F1	0.200	0.1326	F1	mg/Kg		66	70 - 130	4	35
o-Xylene	<0.00200	U	0.100	0.07076		mg/Kg		71	70 - 130	5	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	114		70 - 130								
1,4-Difluorobenzene (Surr)	93		70 - 130								

Lab Sample ID: MB 880-3126/5-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3126

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 03:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 03:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 03:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/14/21 13:46	05/15/21 03:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/14/21 13:46	05/15/21 03:13	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/14/21 13:46	05/15/21 03:13	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/14/21 13:46	05/15/21 03:13	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130			05/14/21 13:46	05/15/21 03:13	1
1,4-Difluorobenzene (Surr)	84		70 - 130			05/14/21 13:46	05/15/21 03:13	1

Lab Sample ID: LCS 880-3126/1-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3126

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Benzene	0.100	0.07952		mg/Kg		80	70 - 130	
Toluene	0.100	0.07925		mg/Kg		79	70 - 130	
Ethylbenzene	0.100	0.08265		mg/Kg		83	70 - 130	
m-Xylene & p-Xylene	0.200	0.1616		mg/Kg		81	70 - 130	
o-Xylene	0.100	0.07891		mg/Kg		79	70 - 130	
Surrogate	LCS %Recovery	LCS Qualifier	Limits					
4-Bromofluorobenzene (Surr)	88		70 - 130					
1,4-Difluorobenzene (Surr)	96		70 - 130					

Lab Sample ID: LCSD 880-3126/2-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3126

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08551		mg/Kg		86	70 - 130	7	35
Toluene	0.100	0.08785		mg/Kg		88	70 - 130	10	35
Ethylbenzene	0.100	0.08858		mg/Kg		89	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.1732		mg/Kg		87	70 - 130	7	35

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

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

Lab Sample ID: LCSD 880-3126/2-A

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3126

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
o-Xylene	0.100	0.08436		mg/Kg		84	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	81		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

Lab Sample ID: 880-2167-8 MS

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: C-20

Prep Type: Total/NA

Prep Batch: 3126

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.101	<0.00202	U F1	mg/Kg		0.5	70 - 130		
Toluene	<0.00200	U F1	0.101	<0.00202	U F1	mg/Kg		0.5	70 - 130		
Ethylbenzene	<0.00200	U F1	0.101	<0.00202	U F1	mg/Kg		0.6	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1	0.202	<0.00404	U F1	mg/Kg		0.6	70 - 130		
o-Xylene	<0.00200	U F1	0.101	<0.00202	U F1	mg/Kg		0	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: 880-2167-8 MSD

Matrix: Solid

Analysis Batch: 3118

Client Sample ID: C-20

Prep Type: Total/NA

Prep Batch: 3126

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1	0.101	<0.00202	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00200	U F1	0.101	<0.00202	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.00200	U F1	0.101	<0.00202	U F1	mg/Kg		0	70 - 130	NC	35
m-Xylene & p-Xylene	<0.00399	U F1	0.202	<0.00403	U F1	mg/Kg		0	70 - 130	NC	35
o-Xylene	<0.00200	U F1	0.101	<0.00202	U F1	mg/Kg		0	70 - 130	NC	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

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

Lab Sample ID: MB 880-3117/1-A

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3117

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 16:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 16:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 16:04	1
Total TPH	<50.0	U	50.0	mg/Kg		05/14/21 10:49	05/14/21 16:04	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	05/14/21 10:49	05/14/21 16:04	1
o-Terphenyl	120		70 - 130	05/14/21 10:49	05/14/21 16:04	1

Lab Sample ID: LCS 880-3117/2-A

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3117

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	856.8		mg/Kg		86	70 - 130
Diesel Range Organics (Over C10-C28)	1000	998.8		mg/Kg		100	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: LCSD 880-3117/3-A

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3117

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	858.8		mg/Kg		86	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	996.5		mg/Kg		100	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	91		70 - 130

Lab Sample ID: 880-2167-1 MS

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: C-10 SW

Prep Type: Total/NA

Prep Batch: 3117

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	912.9		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	65.4		996	1119		mg/Kg		106	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane	95		70 - 130
o-Terphenyl	85		70 - 130

Lab Sample ID: 880-2167-1 MSD

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: C-10 SW

Prep Type: Total/NA

Prep Batch: 3117

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	930.2		mg/Kg		90	70 - 130	2	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

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

Lab Sample ID: 880-2167-1 MSD

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: C-10 SW

Prep Type: Total/NA

Prep Batch: 3117

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	65.4		996	1093		mg/Kg		103	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	94		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: MB 880-3136/1-A

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3136

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/14/21 15:47	05/15/21 00:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/14/21 15:47	05/15/21 00:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/14/21 15:47	05/15/21 00:26	1
Total TPH	<50.0	U	50.0	mg/Kg		05/14/21 15:47	05/15/21 00:26	1
Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane	128		70 - 130	05/14/21 15:47	05/15/21 00:26	1		
o-Terphenyl	133	S1+	70 - 130	05/14/21 15:47	05/15/21 00:26	1		

Lab Sample ID: LCS 880-3136/2-A

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3136

Top Data: 6/10									
Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10			1000	898.1		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1059		mg/Kg		106	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits						
1-Chlorooctane	104		70 - 130						
o-Terphenyl	97		70 - 130						

Lab Sample ID: LCSD 880-3136/3-A

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3136

Top Bottom Sheet											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	889.0		mg/Kg		89	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1061		mg/Kg		106	70 - 130	0	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane	103		70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

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

Lab Sample ID: LCSD 880-3136/3-A

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3136

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl	98		70 - 130

Lab Sample ID: 890-668-A-1-F MS

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3136

	Sample	Sample	Spike	MS	MS				%Rec.	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	964.3		mg/Kg		95	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1149		mg/Kg		115	70 - 130	
Surrogate	%Recovery	Qualifier	Limits							
1-Chlorooctane	100		70 - 130							
<i>o</i> -Terphenyl	93		70 - 130							

Lab Sample ID: 890-668-A-1-G MSD

Matrix: Solid

Analysis Batch: 3108

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3136

	Sample	Sample	Spike	MSD	MSD				%Rec.	RPD	
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	967.3		mg/Kg		95	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1103		mg/Kg		111	70 - 130	4	20
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
<i>o</i> -Terphenyl	90		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3121/1-A

Matrix: Solid

Analysis Batch: 3151

Client Sample ID: Method Blank

Prep Type: Soluble

	MB	MB								
Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac		
Chloride	<5.00	U	5.00	mg/Kg			05/15/21 13:33	1		

Lab Sample ID: LCS 880-3121/2-A

Matrix: Solid

Analysis Batch: 3151

Client Sample ID: Lab Control Sample

Prep Type: Soluble

	Spike	LCS	LCS						%Rec.	
Analyte	Added	Result	Qualifier	Unit	D	%Rec	Limits			
Chloride	250	246.6		mg/Kg		99	90 - 110			

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-3121/3-A

Matrix: Solid

Analysis Batch: 3151

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	246.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-2167-1 MS

Matrix: Solid

Analysis Batch: 3151

Client Sample ID: C-10 SW

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	733	F1	250	943.5	F1	mg/Kg		84	90 - 110		

Lab Sample ID: 880-2167-1 MSD

Matrix: Solid

Analysis Batch: 3151

Client Sample ID: C-10 SW

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	733	F1	250	942.5	F1	mg/Kg		84	90 - 110	0	20

Lab Sample ID: 880-2167-11 MS

Matrix: Solid

Analysis Batch: 3151

Client Sample ID: C-43

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	12.0		248	277.4		mg/Kg		107	90 - 110		

Lab Sample ID: 880-2167-11 MSD

Matrix: Solid

Analysis Batch: 3151

Client Sample ID: C-43

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	12.0		248	276.6		mg/Kg		107	90 - 110	0	20

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

GC VOA

Analysis Batch: 3103

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2167-1	C-10 SW	Total/NA	Solid	8021B	3119
880-2167-2	C-13	Total/NA	Solid	8021B	3119
880-2167-3	C-15	Total/NA	Solid	8021B	3119
880-2167-4	C-16	Total/NA	Solid	8021B	3119
880-2167-5	C-17	Total/NA	Solid	8021B	3119
880-2167-6	C-18	Total/NA	Solid	8021B	3119
880-2167-7	C-19	Total/NA	Solid	8021B	3119
MB 880-3104/5-A	Method Blank	Total/NA	Solid	8021B	3104
MB 880-3119/5-A	Method Blank	Total/NA	Solid	8021B	3119
LCS 880-3119/1-A	Lab Control Sample	Total/NA	Solid	8021B	3119
LCSD 880-3119/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3119
880-2167-1 MS	C-10 SW	Total/NA	Solid	8021B	3119
880-2167-1 MSD	C-10 SW	Total/NA	Solid	8021B	3119

Prep Batch: 3104

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-3104/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 3114

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-3114/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 3118

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2167-8	C-20	Total/NA	Solid	8021B	3126
880-2167-9	C-41	Total/NA	Solid	8021B	3126
880-2167-10	C-42	Total/NA	Solid	8021B	3126
880-2167-11	C-43	Total/NA	Solid	8021B	3126
880-2167-12	C-44	Total/NA	Solid	8021B	3126
880-2167-13	C-45	Total/NA	Solid	8021B	3126
880-2167-14	C-47	Total/NA	Solid	8021B	3126
880-2167-15	C-49	Total/NA	Solid	8021B	3126
880-2167-16	C-51 SW	Total/NA	Solid	8021B	3126
MB 880-3114/5-A	Method Blank	Total/NA	Solid	8021B	3114
MB 880-3126/5-A	Method Blank	Total/NA	Solid	8021B	3126
LCS 880-3126/1-A	Lab Control Sample	Total/NA	Solid	8021B	3126
LCSD 880-3126/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3126
880-2167-8 MS	C-20	Total/NA	Solid	8021B	3126
880-2167-8 MSD	C-20	Total/NA	Solid	8021B	3126

Prep Batch: 3119

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2167-1	C-10 SW	Total/NA	Solid	5035	
880-2167-2	C-13	Total/NA	Solid	5035	
880-2167-3	C-15	Total/NA	Solid	5035	
880-2167-4	C-16	Total/NA	Solid	5035	
880-2167-5	C-17	Total/NA	Solid	5035	
880-2167-6	C-18	Total/NA	Solid	5035	
880-2167-7	C-19	Total/NA	Solid	5035	
MB 880-3119/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3119/1-A	Lab Control Sample	Total/NA	Solid	5035	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

GC VOA (Continued)

Prep Batch: 3119 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-3119/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2167-1 MS	C-10 SW	Total/NA	Solid	5035	
880-2167-1 MSD	C-10 SW	Total/NA	Solid	5035	

Prep Batch: 3126

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2167-8	C-20	Total/NA	Solid	5035	
880-2167-9	C-41	Total/NA	Solid	5035	
880-2167-10	C-42	Total/NA	Solid	5035	
880-2167-11	C-43	Total/NA	Solid	5035	
880-2167-12	C-44	Total/NA	Solid	5035	
880-2167-13	C-45	Total/NA	Solid	5035	
880-2167-14	C-47	Total/NA	Solid	5035	
880-2167-15	C-49	Total/NA	Solid	5035	
880-2167-16	C-51 SW	Total/NA	Solid	5035	
MB 880-3126/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3126/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3126/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2167-8 MS	C-20	Total/NA	Solid	5035	
880-2167-8 MSD	C-20	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 3108

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2167-1	C-10 SW	Total/NA	Solid	8015B NM	3117
880-2167-2	C-13	Total/NA	Solid	8015B NM	3117
880-2167-3	C-15	Total/NA	Solid	8015B NM	3117
880-2167-4	C-16	Total/NA	Solid	8015B NM	3117
880-2167-5	C-17	Total/NA	Solid	8015B NM	3117
880-2167-6	C-18	Total/NA	Solid	8015B NM	3117
880-2167-7	C-19	Total/NA	Solid	8015B NM	3117
880-2167-8	C-20	Total/NA	Solid	8015B NM	3117
880-2167-9	C-41	Total/NA	Solid	8015B NM	3117
880-2167-10	C-42	Total/NA	Solid	8015B NM	3117
880-2167-11	C-43	Total/NA	Solid	8015B NM	3117
880-2167-12	C-44	Total/NA	Solid	8015B NM	3117
880-2167-13	C-45	Total/NA	Solid	8015B NM	3117
880-2167-14	C-47	Total/NA	Solid	8015B NM	3117
880-2167-15	C-49	Total/NA	Solid	8015B NM	3136
880-2167-16	C-51 SW	Total/NA	Solid	8015B NM	3117
MB 880-3117/1-A	Method Blank	Total/NA	Solid	8015B NM	3117
MB 880-3136/1-A	Method Blank	Total/NA	Solid	8015B NM	3136
LCS 880-3117/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3117
LCS 880-3136/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3136
LCSD 880-3117/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3117
LCSD 880-3136/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3136
880-2167-1 MS	C-10 SW	Total/NA	Solid	8015B NM	3117
880-2167-1 MSD	C-10 SW	Total/NA	Solid	8015B NM	3117
890-668-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	3136
890-668-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	3136

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

GC Semi VOA

Prep Batch: 3117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2167-1	C-10 SW	Total/NA	Solid	8015NM Prep	
880-2167-2	C-13	Total/NA	Solid	8015NM Prep	
880-2167-3	C-15	Total/NA	Solid	8015NM Prep	
880-2167-4	C-16	Total/NA	Solid	8015NM Prep	
880-2167-5	C-17	Total/NA	Solid	8015NM Prep	
880-2167-6	C-18	Total/NA	Solid	8015NM Prep	
880-2167-7	C-19	Total/NA	Solid	8015NM Prep	
880-2167-8	C-20	Total/NA	Solid	8015NM Prep	
880-2167-9	C-41	Total/NA	Solid	8015NM Prep	
880-2167-10	C-42	Total/NA	Solid	8015NM Prep	
880-2167-11	C-43	Total/NA	Solid	8015NM Prep	
880-2167-12	C-44	Total/NA	Solid	8015NM Prep	
880-2167-13	C-45	Total/NA	Solid	8015NM Prep	
880-2167-14	C-47	Total/NA	Solid	8015NM Prep	
880-2167-16	C-51 SW	Total/NA	Solid	8015NM Prep	
MB 880-3117/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3117/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3117/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-2167-1 MS	C-10 SW	Total/NA	Solid	8015NM Prep	
880-2167-1 MSD	C-10 SW	Total/NA	Solid	8015NM Prep	

Prep Batch: 3136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2167-15	C-49	Total/NA	Solid	8015NM Prep	
MB 880-3136/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3136/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3136/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-668-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-668-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 3121

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2167-1	C-10 SW	Soluble	Solid	DI Leach	
880-2167-2	C-13	Soluble	Solid	DI Leach	
880-2167-3	C-15	Soluble	Solid	DI Leach	
880-2167-4	C-16	Soluble	Solid	DI Leach	
880-2167-5	C-17	Soluble	Solid	DI Leach	
880-2167-6	C-18	Soluble	Solid	DI Leach	
880-2167-7	C-19	Soluble	Solid	DI Leach	
880-2167-8	C-20	Soluble	Solid	DI Leach	
880-2167-9	C-41	Soluble	Solid	DI Leach	
880-2167-10	C-42	Soluble	Solid	DI Leach	
880-2167-11	C-43	Soluble	Solid	DI Leach	
880-2167-12	C-44	Soluble	Solid	DI Leach	
880-2167-13	C-45	Soluble	Solid	DI Leach	
880-2167-14	C-47	Soluble	Solid	DI Leach	
880-2167-15	C-49	Soluble	Solid	DI Leach	
880-2167-16	C-51 SW	Soluble	Solid	DI Leach	
MB 880-3121/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

HPLC/IC (Continued)

Leach Batch: 3121 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-3121/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3121/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2167-1 MS	C-10 SW	Soluble	Solid	DI Leach	
880-2167-1 MSD	C-10 SW	Soluble	Solid	DI Leach	
880-2167-11 MS	C-43	Soluble	Solid	DI Leach	
880-2167-11 MSD	C-43	Soluble	Solid	DI Leach	

Analysis Batch: 3151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2167-1	C-10 SW	Soluble	Solid	300.0	3121
880-2167-2	C-13	Soluble	Solid	300.0	3121
880-2167-3	C-15	Soluble	Solid	300.0	3121
880-2167-4	C-16	Soluble	Solid	300.0	3121
880-2167-5	C-17	Soluble	Solid	300.0	3121
880-2167-6	C-18	Soluble	Solid	300.0	3121
880-2167-7	C-19	Soluble	Solid	300.0	3121
880-2167-8	C-20	Soluble	Solid	300.0	3121
880-2167-9	C-41	Soluble	Solid	300.0	3121
880-2167-10	C-42	Soluble	Solid	300.0	3121
880-2167-11	C-43	Soluble	Solid	300.0	3121
880-2167-12	C-44	Soluble	Solid	300.0	3121
880-2167-13	C-45	Soluble	Solid	300.0	3121
880-2167-14	C-47	Soluble	Solid	300.0	3121
880-2167-15	C-49	Soluble	Solid	300.0	3121
880-2167-16	C-51 SW	Soluble	Solid	300.0	3121
MB 880-3121/1-A	Method Blank	Soluble	Solid	300.0	3121
LCS 880-3121/2-A	Lab Control Sample	Soluble	Solid	300.0	3121
LCSD 880-3121/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3121
880-2167-1 MS	C-10 SW	Soluble	Solid	300.0	3121
880-2167-1 MSD	C-10 SW	Soluble	Solid	300.0	3121
880-2167-11 MS	C-43	Soluble	Solid	300.0	3121
880-2167-11 MSD	C-43	Soluble	Solid	300.0	3121

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-10 SW

Lab Sample ID: 880-2167-1

Date Collected: 05/13/21 09:02

Matrix: Solid

Date Received: 05/14/21 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3119	05/14/21 11:07	MR	XEN MID
Total/NA	Analysis	8021B		1	3103	05/15/21 01:20	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 17:08	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 13:48	CH	XEN MID

Client Sample ID: C-13

Lab Sample ID: 880-2167-2

Date Collected: 05/13/21 09:04

Matrix: Solid

Date Received: 05/14/21 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3119	05/14/21 11:07	MR	XEN MID
Total/NA	Analysis	8021B		1	3103	05/15/21 01:41	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 18:11	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 14:03	CH	XEN MID

Client Sample ID: C-15

Lab Sample ID: 880-2167-3

Date Collected: 05/13/21 09:06

Matrix: Solid

Date Received: 05/14/21 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3119	05/14/21 11:07	MR	XEN MID
Total/NA	Analysis	8021B		1	3103	05/15/21 02:01	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 18:32	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 14:09	CH	XEN MID

Client Sample ID: C-16

Lab Sample ID: 880-2167-4

Date Collected: 05/13/21 09:08

Matrix: Solid

Date Received: 05/14/21 09:29

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3119	05/14/21 11:07	MR	XEN MID
Total/NA	Analysis	8021B		1	3103	05/15/21 02:22	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 18:53	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 14:14	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-17**Lab Sample ID: 880-2167-5****Date Collected: 05/13/21 09:10****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3119	05/14/21 11:07	MR	XEN MID
Total/NA	Analysis	8021B		1	3103	05/15/21 02:42	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 19:14	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 14:19	CH	XEN MID

Client Sample ID: C-18**Lab Sample ID: 880-2167-6****Date Collected: 05/13/21 09:12****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3119	05/14/21 11:07	MR	XEN MID
Total/NA	Analysis	8021B		1	3103	05/15/21 03:03	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 19:35	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 14:34	CH	XEN MID

Client Sample ID: C-19**Lab Sample ID: 880-2167-7****Date Collected: 05/13/21 09:14****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3119	05/14/21 11:07	MR	XEN MID
Total/NA	Analysis	8021B		1	3103	05/15/21 03:23	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 19:56	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 14:39	CH	XEN MID

Client Sample ID: C-20**Lab Sample ID: 880-2167-8****Date Collected: 05/13/21 09:16****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3126	05/14/21 13:46	MR	XEN MID
Total/NA	Analysis	8021B		1	3118	05/15/21 03:39	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 20:16	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 14:44	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-41**Lab Sample ID: 880-2167-9****Date Collected: 05/13/21 09:18****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3126	05/14/21 13:46	MR	XEN MID
Total/NA	Analysis	8021B		1	3118	05/15/21 04:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 20:37	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 14:49	CH	XEN MID

Client Sample ID: C-42**Lab Sample ID: 880-2167-10****Date Collected: 05/13/21 09:20****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3126	05/14/21 13:46	MR	XEN MID
Total/NA	Analysis	8021B		1	3118	05/15/21 04:32	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 20:58	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 14:54	CH	XEN MID

Client Sample ID: C-43**Lab Sample ID: 880-2167-11****Date Collected: 05/13/21 09:22****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3126	05/14/21 13:46	MR	XEN MID
Total/NA	Analysis	8021B		1	3118	05/15/21 04:58	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 21:40	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 14:59	CH	XEN MID

Client Sample ID: C-44**Lab Sample ID: 880-2167-12****Date Collected: 05/13/21 09:24****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3126	05/14/21 13:46	MR	XEN MID
Total/NA	Analysis	8021B		1	3118	05/15/21 05:24	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 22:01	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 15:14	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Client Sample ID: C-45**Lab Sample ID: 880-2167-13****Date Collected: 05/13/21 09:25****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3126	05/14/21 13:46	MR	XEN MID
Total/NA	Analysis	8021B		1	3118	05/15/21 05:51	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 22:22	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 15:19	CH	XEN MID

Client Sample ID: C-47**Lab Sample ID: 880-2167-14****Date Collected: 05/13/21 09:26****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3126	05/14/21 13:46	MR	XEN MID
Total/NA	Analysis	8021B		1	3118	05/15/21 06:16	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 22:42	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 15:34	CH	XEN MID

Client Sample ID: C-49**Lab Sample ID: 880-2167-15****Date Collected: 05/13/21 09:28****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3126	05/14/21 13:46	MR	XEN MID
Total/NA	Analysis	8021B		1	3118	05/15/21 06:42	MR	XEN MID
Total/NA	Prep	8015NM Prep			3136	05/14/21 15:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/15/21 07:23	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 15:39	CH	XEN MID

Client Sample ID: C-51 SW**Lab Sample ID: 880-2167-16****Date Collected: 05/13/21 09:30****Matrix: Solid****Date Received: 05/14/21 09:29**

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			3126	05/14/21 13:46	MR	XEN MID
Total/NA	Analysis	8021B		1	3118	05/15/21 07:08	MR	XEN MID
Total/NA	Prep	8015NM Prep			3117	05/14/21 10:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1	3108	05/14/21 23:24	AJ	XEN MID
Soluble	Leach	DI Leach			3121	05/14/21 12:49	CH	XEN MID
Soluble	Analysis	300.0		1	3151	05/15/21 15:44	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2167-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-2167-1	C-10 SW	Solid	05/13/21 09:02	05/14/21 09:29	
880-2167-2	C-13	Solid	05/13/21 09:04	05/14/21 09:29	
880-2167-3	C-15	Solid	05/13/21 09:06	05/14/21 09:29	
880-2167-4	C-16	Solid	05/13/21 09:08	05/14/21 09:29	
880-2167-5	C-17	Solid	05/13/21 09:10	05/14/21 09:29	
880-2167-6	C-18	Solid	05/13/21 09:12	05/14/21 09:29	
880-2167-7	C-19	Solid	05/13/21 09:14	05/14/21 09:29	
880-2167-8	C-20	Solid	05/13/21 09:16	05/14/21 09:29	
880-2167-9	C-41	Solid	05/13/21 09:18	05/14/21 09:29	
880-2167-10	C-42	Solid	05/13/21 09:20	05/14/21 09:29	
880-2167-11	C-43	Solid	05/13/21 09:22	05/14/21 09:29	
880-2167-12	C-44	Solid	05/13/21 09:24	05/14/21 09:29	
880-2167-13	C-45	Solid	05/13/21 09:25	05/14/21 09:29	
880-2167-14	C-47	Solid	05/13/21 09:26	05/14/21 09:29	
880-2167-15	C-49	Solid	05/13/21 09:28	05/14/21 09:29	
880-2167-16	C-51 SW	Solid	05/13/21 09:30	05/14/21 09:29	

Eurofins Xenco, Midland

Varson & Associates, Inc.

Environmental Consultants



880-2167 Chain of Custody

Midland, TX 79701
432-687-0901

CHAIN-OF-CUSTODY

880-2167 No 1565

Data Reported to

 PO#: 5/13/21
 PROJECT LOCATION OR NAME: Bineby SAT 1
 LAI PROJECT #: 19-0180-02 COLLECTOR: TJ

PAGE 1 OF 2

 TRRP report? ☐ Yes ☒ No
 TIME ZONE MST
 S=SOIL W=WATER A=AIR
 P=PAINT SL=SLUDGE OT=OTHER

 Field Sample ID Lab # Date Time Matrix
 C-10 SW 5/13/21 0902 S 1
 C-13 0904
 C-15 0906
 C-16 0908
 C-17 0910
 C-18 0912
 C-19 0914
 C-20 0916
 C-41 0918
 C-42 0920
 C-43 0922
 C-44 0924
 C-45 0925
 C-47 0926
 C-49 0928

 # of Containers
 HCl
 HNO₃
 H₂SO₄ ☐ NaOH ☐
 ICE
 UNPRESERVED

 ANALYSES
 BTEX ☒ MTBE ☐
 TRPH 418 1 ☐ TPH 1005 ☐ TPH 1008 ☐
 GASOLINE MOD 8015 ☒
 DIESEL - MOD 8015 ☒
 OIL - MOD 8015 ☒
 VOC 8260 ☒
 SVOC 8270 ☒
 8081 PESTICIDES ☒
 8082 PESTICIDES ☒
 TBLP - METALS (RCRA) ☒
 TCLP - METALS (RCRA) ☒
 TOTAL METALS (RCRA) ☒
 LEAD - TOTAL ☒
 RCI ☒
 TDS ☒
 pH ☒
 EXPLOSIVES ☒
 CHLORIDE/ANIONS ☒
 ALKALINITY ☒

FIELD NOTES

TOTAL 15

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RECEIVING TEMP 5.5/6.0 THERM# 12.8

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

NORMAL ☒CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

1 DAY ☐

CARRIER BILL #

LABORATORY Xence

DATE/TIME

RECEIVED BY (Signature)

2 DAY ☐☒ HAND DELIVERED

[illegible]

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-2167-1

Login Number: 2167

List Number: 1

Creator: Phillips, Kerianna

List Source: Eurofins Xenco, Midland

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-2284-1

Laboratory Sample Delivery Group: 19-0180-08

Client Project/Site: Blinebry Backfill

For:

Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in dark ink, reading "Chad A. Bechtold".

Authorized for release by:

5/20/2021 9:37:41 PM

Chad Bechtold, Project Manager
(813)690-3563

chad.bechtold@eurofinset.com

Designee for

Holly Taylor, Project Manager
(806)794-1296

holly.taylor@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Laboratory Job ID: 880-2284-1
SDG: 19-0180-08

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Qualifiers

GC VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Job ID: 880-2284-1

Laboratory: Eurofins Xenco, Midland

Narrative**Job Narrative
880-2284-1****Comments**

No additional comments.

Receipt

The samples were received on 5/19/2021 8:53 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.1° C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: S-15 0-1' (880-2284-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-3227 and analytical batch 880-3230 recovered outside control limits for the following analytes: Benzene, Toluene and m-Xylene & p-Xylene.

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

GC Semi VOA

Method 8015MOD_NM: All quality control biased high indicating possible high bias in samples. All samples are non-detect under the implied high bias; therefore, the data has been qualified and reported. S-13 0-1' (880-2284-1), S-14 0-1' (880-2284-2), S-15 0-1' (880-2284-3) and S-16 0-1' (880-2284-4)

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Client Sample ID: S-13 0-1'

Lab Sample ID: 880-2284-1

Date Collected: 05/18/21 09:05

Matrix: Solid

Date Received: 05/19/21 08:53

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		05/19/21 11:00	05/19/21 13:11	1
Toluene	<0.00198	U	0.00198	mg/Kg		05/19/21 11:00	05/19/21 13:11	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		05/19/21 11:00	05/19/21 13:11	1
m-Xylene & p-Xylene	<0.00397	U	0.00397	mg/Kg		05/19/21 11:00	05/19/21 13:11	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		05/19/21 11:00	05/19/21 13:11	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		05/19/21 11:00	05/19/21 13:11	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		05/19/21 11:00	05/19/21 13:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/19/21 11:00	05/19/21 13:11	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/19/21 11:00	05/19/21 13:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/19/21 14:53	05/19/21 23:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/19/21 14:53	05/19/21 23:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/19/21 14:53	05/19/21 23:57	1
Total TPH	<49.9	U	49.9	mg/Kg		05/19/21 14:53	05/19/21 23:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	81		70 - 130	05/19/21 14:53	05/19/21 23:57	1
o-Terphenyl	89		70 - 130	05/19/21 14:53	05/19/21 23:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99	mg/Kg			05/20/21 11:34	1

Client Sample ID: S-14 0-1'

Lab Sample ID: 880-2284-2

Date Collected: 05/18/21 09:08

Matrix: Solid

Date Received: 05/19/21 08:53

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/19/21 11:00	05/19/21 13:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/19/21 11:00	05/19/21 13:32	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/19/21 11:00	05/19/21 13:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/19/21 11:00	05/19/21 13:32	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/19/21 11:00	05/19/21 13:32	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/19/21 11:00	05/19/21 13:32	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		05/19/21 11:00	05/19/21 13:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	05/19/21 11:00	05/19/21 13:32	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/19/21 11:00	05/19/21 13:32	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Client Sample ID: S-14 0-1'

Lab Sample ID: 880-2284-2

Date Collected: 05/18/21 09:08

Matrix: Solid

Date Received: 05/19/21 08:53

Sample Depth: 0 - 1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/19/21 14:53	05/20/21 00:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/19/21 14:53	05/20/21 00:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/19/21 14:53	05/20/21 00:18	1
Total TPH	<50.0	U	50.0	mg/Kg		05/19/21 14:53	05/20/21 00:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	85		70 - 130	05/19/21 14:53	05/20/21 00:18	1
o-Terphenyl	95		70 - 130	05/19/21 14:53	05/20/21 00:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.05	U	5.05	mg/Kg			05/20/21 09:56	1

Client Sample ID: S-15 0-1'

Lab Sample ID: 880-2284-3

Date Collected: 05/18/21 09:11

Matrix: Solid

Date Received: 05/19/21 08:53

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199	mg/Kg		05/19/21 09:21	05/19/21 13:03	1
Toluene	<0.00199	U F1	0.00199	mg/Kg		05/19/21 09:21	05/19/21 13:03	1
Ethylbenzene	<0.00199	U F1	0.00199	mg/Kg		05/19/21 09:21	05/19/21 13:03	1
m-Xylene & p-Xylene	<0.00398	U F1	0.00398	mg/Kg		05/19/21 09:21	05/19/21 13:03	1
o-Xylene	<0.00199	U F1	0.00199	mg/Kg		05/19/21 09:21	05/19/21 13:03	1
Xylenes, Total	<0.00398	U F1	0.00398	mg/Kg		05/19/21 09:21	05/19/21 13:03	1
Total BTEX	<0.00398	U F1	0.00398	mg/Kg		05/19/21 09:21	05/19/21 13:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/19/21 09:21	05/19/21 13:03	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/19/21 09:21	05/19/21 13:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/19/21 14:53	05/20/21 00:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/19/21 14:53	05/20/21 00:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/19/21 14:53	05/20/21 00:39	1
Total TPH	<49.9	U	49.9	mg/Kg		05/19/21 14:53	05/20/21 00:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	05/19/21 14:53	05/20/21 00:39	1
o-Terphenyl	92		70 - 130	05/19/21 14:53	05/20/21 00:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02	mg/Kg			05/19/21 21:55	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Client Sample ID: S-16 0-1'

Lab Sample ID: 880-2284-4

Date Collected: 05/18/21 09:14

Matrix: Solid

Date Received: 05/19/21 08:53

Sample Depth: 0 - 1

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/19/21 14:30	05/19/21 19:57	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/19/21 14:30	05/19/21 19:57	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/19/21 14:30	05/19/21 19:57	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		05/19/21 14:30	05/19/21 19:57	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/19/21 14:30	05/19/21 19:57	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		05/19/21 14:30	05/19/21 19:57	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		05/19/21 14:30	05/19/21 19:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/19/21 14:30	05/19/21 19:57	1
1,4-Difluorobenzene (Surr)	97		70 - 130	05/19/21 14:30	05/19/21 19:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/19/21 14:53	05/20/21 01:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/19/21 14:53	05/20/21 01:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/19/21 14:53	05/20/21 01:00	1
Total TPH	<50.0	U	50.0	mg/Kg		05/19/21 14:53	05/20/21 01:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	05/19/21 14:53	05/20/21 01:00	1
o-Terphenyl	101		70 - 130	05/19/21 14:53	05/20/21 01:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98	mg/Kg			05/19/21 22:00	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-2284-1	S-13 0-1'	103	98
880-2284-1 MS	S-13 0-1'	110	96
880-2284-1 MSD	S-13 0-1'	101	95
880-2284-2	S-14 0-1'	113	99
880-2284-3	S-15 0-1'	94	96
880-2284-3 MS	S-15 0-1'	88	107
880-2284-3 MSD	S-15 0-1'	99	113
880-2284-4	S-16 0-1'	109	97
LCS 880-3223/1-A	Lab Control Sample	100	93
LCS 880-3227/1-A	Lab Control Sample	92	116
LCSD 880-3223/2-A	Lab Control Sample Dup	99	94
LCSD 880-3227/2-A	Lab Control Sample Dup	89	108
MB 880-3223/5-A	Method Blank	106	91
MB 880-3227/5-A	Method Blank	106	99

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-2284-1	S-13 0-1'	81	89
880-2284-2	S-14 0-1'	85	95
880-2284-3	S-15 0-1'	83	92
880-2284-4	S-16 0-1'	97	101

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3223/5-A

Matrix: Solid

Analysis Batch: 3232

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3223

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/19/21 08:58	05/19/21 12:42	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/19/21 08:58	05/19/21 12:42	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/19/21 08:58	05/19/21 12:42	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/19/21 08:58	05/19/21 12:42	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/19/21 08:58	05/19/21 12:42	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/19/21 08:58	05/19/21 12:42	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/19/21 08:58	05/19/21 12:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/19/21 08:58	05/19/21 12:42	1
1,4-Difluorobenzene (Surr)	91		70 - 130	05/19/21 08:58	05/19/21 12:42	1

Lab Sample ID: LCS 880-3223/1-A

Matrix: Solid

Analysis Batch: 3232

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3223

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09271		mg/Kg		93	70 - 130
Toluene	0.100	0.1156		mg/Kg		116	70 - 130
Ethylbenzene	0.100	0.1164		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2404		mg/Kg		120	70 - 130
o-Xylene	0.100	0.1163		mg/Kg		116	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-3223/2-A

Matrix: Solid

Analysis Batch: 3232

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3223

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09617		mg/Kg		96	70 - 130	4	35
Toluene	0.100	0.1154		mg/Kg		115	70 - 130	0	35
Ethylbenzene	0.100	0.1159		mg/Kg		116	70 - 130	0	35
m-Xylene & p-Xylene	0.200	0.2367		mg/Kg		118	70 - 130	2	35
o-Xylene	0.100	0.1149		mg/Kg		115	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-2284-1 MS

Matrix: Solid

Analysis Batch: 3232

Client Sample ID: S-13 0-1'

Prep Type: Total/NA

Prep Batch: 3223

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U	0.0994	0.09288		mg/Kg		93	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

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

Lab Sample ID: 880-2284-1 MS

Matrix: Solid

Analysis Batch: 3232

Client Sample ID: S-13 0-1'

Prep Type: Total/NA

Prep Batch: 3223

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00198	U	0.0994	0.1106		mg/Kg		111	70 - 130
Ethylbenzene	<0.00198	U	0.0994	0.1190		mg/Kg		120	70 - 130
m-Xylene & p-Xylene	<0.00397	U	0.199	0.2398		mg/Kg		121	70 - 130
o-Xylene	<0.00198	U	0.0994	0.1129		mg/Kg		114	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-2284-1 MSD

Matrix: Solid

Analysis Batch: 3232

Client Sample ID: S-13 0-1'

Prep Type: Total/NA

Prep Batch: 3223

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.101	0.09944		mg/Kg		99	70 - 130	7	35
Toluene	<0.00198	U	0.101	0.1105		mg/Kg		110	70 - 130	0	35
Ethylbenzene	<0.00198	U	0.101	0.1085		mg/Kg		108	70 - 130	9	35
m-Xylene & p-Xylene	<0.00397	U	0.202	0.2213		mg/Kg		110	70 - 130	8	35
o-Xylene	<0.00198	U	0.101	0.1081		mg/Kg		107	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-3227/5-A

Matrix: Solid

Analysis Batch: 3230

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3227

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/19/21 09:21	05/19/21 12:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/19/21 09:21	05/19/21 12:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/19/21 09:21	05/19/21 12:41	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/19/21 09:21	05/19/21 12:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/19/21 09:21	05/19/21 12:41	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/19/21 09:21	05/19/21 12:41	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/19/21 09:21	05/19/21 12:41	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/19/21 09:21	05/19/21 12:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/19/21 09:21	05/19/21 12:41	1

Lab Sample ID: LCS 880-3227/1-A

Matrix: Solid

Analysis Batch: 3230

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3227

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.07413		mg/Kg		74	70 - 130
Toluene	0.100	0.08170		mg/Kg		82	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

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

Lab Sample ID: LCS 880-3227/1-A

Matrix: Solid

Analysis Batch: 3230

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3227

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.08134		mg/Kg		81	70 - 130
m-Xylene & p-Xylene	0.200	0.1595		mg/Kg		80	70 - 130
o-Xylene	0.100	0.08025		mg/Kg		80	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-3227/2-A

Matrix: Solid

Analysis Batch: 3230

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3227

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1127	*1	mg/Kg		113	70 - 130	41	35
Toluene	0.100	0.1189	*1	mg/Kg		119	70 - 130	37	35
Ethylbenzene	0.100	0.1156		mg/Kg		116	70 - 130	35	35
m-Xylene & p-Xylene	0.200	0.2307	*1	mg/Kg		115	70 - 130	36	35
o-Xylene	0.100	0.1102		mg/Kg		110	70 - 130	31	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-2284-3 MS

Matrix: Solid

Analysis Batch: 3230

Client Sample ID: S-15 0-1'

Prep Type: Total/NA

Prep Batch: 3227

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U F1	0.0990	0.06643	F1	mg/Kg		67	70 - 130
Toluene	<0.00199	U F1	0.0990	0.07243		mg/Kg		73	70 - 130
Ethylbenzene	<0.00199	U F1	0.0990	0.06985		mg/Kg		71	70 - 130
m-Xylene & p-Xylene	<0.00398	U F1	0.198	0.1402		mg/Kg		71	70 - 130
o-Xylene	<0.00199	U F1	0.0990	0.07236		mg/Kg		73	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	88		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-2284-3 MSD

Matrix: Solid

Analysis Batch: 3230

Client Sample ID: S-15 0-1'

Prep Type: Total/NA

Prep Batch: 3227

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00199	U F1	0.0998	0.05459	F1	mg/Kg		55	70 - 130	20	35
Toluene	<0.00199	U F1	0.0998	0.06213	F1	mg/Kg		62	70 - 130	15	35
Ethylbenzene	<0.00199	U F1	0.0998	0.06309	F1	mg/Kg		63	70 - 130	10	35
m-Xylene & p-Xylene	<0.00398	U F1	0.200	0.1238	F1	mg/Kg		62	70 - 130	12	35
o-Xylene	<0.00199	U F1	0.0998	0.06188	F1	mg/Kg		62	70 - 130	16	35

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3235/1-A

Matrix: Solid

Analysis Batch: 3259

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			05/19/21 21:19	1

Lab Sample ID: LCS 880-3235/2-A

Matrix: Solid

Analysis Batch: 3259

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	253.5		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-3235/3-A

Matrix: Solid

Analysis Batch: 3259

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	249.6		mg/Kg		100	90 - 110	2	20

Lab Sample ID: 880-2284-1 MS

Matrix: Solid

Analysis Batch: 3259

Client Sample ID: S-13 0-1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	<4.99	U	250	239.0		mg/Kg		96	90 - 110

Lab Sample ID: 880-2284-1 MSD

Matrix: Solid

Analysis Batch: 3259

Client Sample ID: S-13 0-1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	<4.99	U	250	239.4		mg/Kg		96	90 - 110	0	20

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

GC VOA

Prep Batch: 3223

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2284-1	S-13 0-1'	Total/NA	Solid	5035	
880-2284-2	S-14 0-1'	Total/NA	Solid	5035	
880-2284-4	S-16 0-1'	Total/NA	Solid	5035	
MB 880-3223/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3223/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3223/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2284-1 MS	S-13 0-1'	Total/NA	Solid	5035	
880-2284-1 MSD	S-13 0-1'	Total/NA	Solid	5035	

Prep Batch: 3227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2284-3	S-15 0-1'	Total/NA	Solid	5035	
MB 880-3227/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3227/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3227/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2284-3 MS	S-15 0-1'	Total/NA	Solid	5035	
880-2284-3 MSD	S-15 0-1'	Total/NA	Solid	5035	

Analysis Batch: 3230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2284-3	S-15 0-1'	Total/NA	Solid	8021B	3227
MB 880-3227/5-A	Method Blank	Total/NA	Solid	8021B	3227
LCS 880-3227/1-A	Lab Control Sample	Total/NA	Solid	8021B	3227
LCSD 880-3227/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3227
880-2284-3 MS	S-15 0-1'	Total/NA	Solid	8021B	3227
880-2284-3 MSD	S-15 0-1'	Total/NA	Solid	8021B	3227

Analysis Batch: 3232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2284-1	S-13 0-1'	Total/NA	Solid	8021B	3223
880-2284-2	S-14 0-1'	Total/NA	Solid	8021B	3223
880-2284-4	S-16 0-1'	Total/NA	Solid	8021B	3223
MB 880-3223/5-A	Method Blank	Total/NA	Solid	8021B	3223
LCS 880-3223/1-A	Lab Control Sample	Total/NA	Solid	8021B	3223
LCSD 880-3223/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3223
880-2284-1 MS	S-13 0-1'	Total/NA	Solid	8021B	3223
880-2284-1 MSD	S-13 0-1'	Total/NA	Solid	8021B	3223

GC Semi VOA

Analysis Batch: 3224

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2284-1	S-13 0-1'	Total/NA	Solid	8015B NM	3250
880-2284-2	S-14 0-1'	Total/NA	Solid	8015B NM	3250
880-2284-3	S-15 0-1'	Total/NA	Solid	8015B NM	3250
880-2284-4	S-16 0-1'	Total/NA	Solid	8015B NM	3250

Prep Batch: 3250

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2284-1	S-13 0-1'	Total/NA	Solid	8015NM Prep	
880-2284-2	S-14 0-1'	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

GC Semi VOA (Continued)

Prep Batch: 3250 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2284-3	S-15 0-1'	Total/NA	Solid	8015NM Prep	
880-2284-4	S-16 0-1'	Total/NA	Solid	8015NM Prep	

HPLC/IC

Leach Batch: 3235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2284-1	S-13 0-1'	Soluble	Solid	DI Leach	
880-2284-2	S-14 0-1'	Soluble	Solid	DI Leach	
880-2284-3	S-15 0-1'	Soluble	Solid	DI Leach	
880-2284-4	S-16 0-1'	Soluble	Solid	DI Leach	
MB 880-3235/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3235/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3235/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2284-1 MS	S-13 0-1'	Soluble	Solid	DI Leach	
880-2284-1 MSD	S-13 0-1'	Soluble	Solid	DI Leach	

Analysis Batch: 3259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2284-1	S-13 0-1'	Soluble	Solid	300.0	3235
880-2284-2	S-14 0-1'	Soluble	Solid	300.0	3235
880-2284-3	S-15 0-1'	Soluble	Solid	300.0	3235
880-2284-4	S-16 0-1'	Soluble	Solid	300.0	3235
MB 880-3235/1-A	Method Blank	Soluble	Solid	300.0	3235
LCS 880-3235/2-A	Lab Control Sample	Soluble	Solid	300.0	3235
LCSD 880-3235/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3235
880-2284-1 MS	S-13 0-1'	Soluble	Solid	300.0	3235
880-2284-1 MSD	S-13 0-1'	Soluble	Solid	300.0	3235

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Client Sample ID: S-13 0-1'

Date Collected: 05/18/21 09:05

Date Received: 05/19/21 08:53

Lab Sample ID: 880-2284-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	3223	05/19/21 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3232	05/19/21 13:11	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3250	05/19/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3224	05/19/21 23:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3235	05/19/21 15:00	CH	XEN MID
Soluble	Analysis	300.0		1			3259	05/20/21 11:34	SC	XEN MID

Client Sample ID: S-14 0-1'

Date Collected: 05/18/21 09:08

Date Received: 05/19/21 08:53

Lab Sample ID: 880-2284-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	3223	05/19/21 11:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3232	05/19/21 13:32	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3250	05/19/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3224	05/20/21 00:18	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3235	05/19/21 15:00	CH	XEN MID
Soluble	Analysis	300.0		1			3259	05/20/21 09:56	SC	XEN MID

Client Sample ID: S-15 0-1'

Date Collected: 05/18/21 09:11

Date Received: 05/19/21 08:53

Lab Sample ID: 880-2284-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	3227	05/19/21 09:21	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3230	05/19/21 13:03	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3250	05/19/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3224	05/20/21 00:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3235	05/19/21 15:00	CH	XEN MID
Soluble	Analysis	300.0		1			3259	05/19/21 21:55	SC	XEN MID

Client Sample ID: S-16 0-1'

Date Collected: 05/18/21 09:14

Date Received: 05/19/21 08:53

Lab Sample ID: 880-2284-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3223	05/19/21 14:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3232	05/19/21 19:57	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3250	05/19/21 14:53	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3224	05/20/21 01:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3235	05/19/21 15:00	CH	XEN MID
Soluble	Analysis	300.0		1			3259	05/19/21 22:00	SC	XEN MID

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Eurofins Xenco, Midland

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Backfill

Job ID: 880-2284-1
SDG: 19-0180-08

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-2284-1	S-13 0-1'	Solid	05/18/21 09:05	05/19/21 08:53	0 - 1
880-2284-2	S-14 0-1'	Solid	05/18/21 09:08	05/19/21 08:53	0 - 1
880-2284-3	S-15 0-1'	Solid	05/18/21 09:11	05/19/21 08:53	0 - 1
880-2284-4	S-16 0-1'	Solid	05/18/21 09:14	05/19/21 08:53	0 - 1

5/20/2021

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-2284-1

SDG Number: 19-0180-08

Login Number: 2284**List Number: 1****Creator: Phillips, Kerianna****List Source: Eurofins Xenco, Midland**

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-2321-1
Client Project/Site: Blinebry SAT 1

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
5/26/2021 3:43:34 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Laboratory Job ID: 880-2321-1

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Xenco, Midland

Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

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

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Job ID: 880-2321-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-2321-1****Comments**

No additional comments.

Receipt

The samples were received on 5/20/2021 8:55 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 6.0° C.

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: C-101 (880-2321-22). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-99 (880-2321-24), C-98 (880-2321-2 C-97 (880-2321-26) and C-96 (880-2321-27). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for the following sample associated with preparation batch 880-3332 and analytical batch 880-3336 were outside control limits: (LCS 880-3332/1-A), (LCSD 880-3332/2- (880-2354-A-21-A MS) and (880-2354-A-21-B MSD). The associated laboratory control sample (LCS) recovery met acceptance criteria.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-3336 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

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

GC Semi VOA

Method 8015B NM: The sample size used in the preparation of the matrix spike/matrix spike duplicate (MS/MSD) associated with preparation batch 880-3280 and analytical batch 880-3266 was outside the 10% difference. As the relative percent difference (RPD) calculation is based upon the MS/MSD concentration as opposed to the MS/MSD percent recovery, elevated %RPD values were obtained.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-3310 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-3310/30).

Method 8015B NM: The laboratory control sample (LCS) associated with preparation batch 880-3279 and analytical batch 880-3310 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015B NM: The continuing calibration verification (CCV) associated with batch 880-3310 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. If the samples had a detection in this range and were reported it is because a confirmatory analysis has been performed. The associated samples are impacted: (CCV 880-3310/46) and (CCV 880-3310/57).

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

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Job ID: 880-2321-1 (Continued)

Laboratory: Eurofins Xenco, Midland (Continued)**General Chemistry**

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-152 SW 4'

Lab Sample ID: 880-2321-1

Date Collected: 05/19/21 09:30

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:15	05/20/21 13:24	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:15	05/20/21 13:24	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:15	05/20/21 13:24	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		05/20/21 09:15	05/20/21 13:24	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:15	05/20/21 13:24	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		05/20/21 09:15	05/20/21 13:24	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		05/20/21 09:15	05/20/21 13:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/20/21 09:15	05/20/21 13:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/20/21 09:15	05/20/21 13:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 21:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9	mg/Kg		05/20/21 10:30	05/21/21 21:15	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 21:15	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130	05/20/21 10:30	05/21/21 21:15	1
o-Terphenyl	114		70 - 130	05/20/21 10:30	05/21/21 21:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.2		4.96	mg/Kg			05/24/21 20:31	1

Client Sample ID: C-136 SW 4'

Lab Sample ID: 880-2321-2

Date Collected: 05/19/21 09:32

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 13:44	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 13:44	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 13:44	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		05/20/21 09:15	05/20/21 13:44	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 13:44	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		05/20/21 09:15	05/20/21 13:44	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		05/20/21 09:15	05/20/21 13:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	05/20/21 09:15	05/20/21 13:44	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/20/21 09:15	05/20/21 13:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/20/21 10:30	05/21/21 22:18	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-136 SW 4'

Lab Sample ID: 880-2321-2

Date Collected: 05/19/21 09:32

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U *	49.8	mg/Kg		05/20/21 10:30	05/21/21 22:18	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/20/21 10:30	05/21/21 22:18	1
Total TPH	<49.8	U	49.8	mg/Kg		05/20/21 10:30	05/21/21 22:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130			05/20/21 10:30	05/21/21 22:18	1
o-Terphenyl	102		70 - 130			05/20/21 10:30	05/21/21 22:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.4		4.95	mg/Kg			05/24/21 20:36	1

Client Sample ID: C-135 SW 4'

Lab Sample ID: 880-2321-3

Date Collected: 05/19/21 09:34

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 14:05	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 14:05	1
Ethylbenzene	0.00317		0.00199	mg/Kg		05/20/21 09:15	05/20/21 14:05	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 14:05	1
o-Xylene	0.00911		0.00199	mg/Kg		05/20/21 09:15	05/20/21 14:05	1
Xylenes, Total	0.00911		0.00398	mg/Kg		05/20/21 09:15	05/20/21 14:05	1
Total BTEX	0.0123		0.00398	mg/Kg		05/20/21 09:15	05/20/21 14:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			05/20/21 09:15	05/20/21 14:05	1
1,4-Difluorobenzene (Surr)	108		70 - 130			05/20/21 09:15	05/20/21 14:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/20/21 10:30	05/21/21 22:39	1
Diesel Range Organics (Over C10-C28)	984	+	49.8	mg/Kg		05/20/21 10:30	05/21/21 22:39	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/20/21 10:30	05/21/21 22:39	1
Total TPH	984		49.8	mg/Kg		05/20/21 10:30	05/21/21 22:39	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			05/20/21 10:30	05/21/21 22:39	1
o-Terphenyl	102		70 - 130			05/20/21 10:30	05/21/21 22:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2150		25.2	mg/Kg			05/24/21 20:41	5

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-130

Lab Sample ID: 880-2321-4

Date Collected: 05/19/21 09:36

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 14:25	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 14:25	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 14:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 14:25	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 14:25	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 14:25	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 14:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/20/21 09:15	05/20/21 14:25	1
1,4-Difluorobenzene (Surr)	104		70 - 130	05/20/21 09:15	05/20/21 14:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:00	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	107		70 - 130	05/20/21 10:30	05/21/21 23:00	1
o-Terphenyl	106		70 - 130	05/20/21 10:30	05/21/21 23:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.4		4.99	mg/Kg			05/24/21 20:46	1

Client Sample ID: C-129

Lab Sample ID: 880-2321-5

Date Collected: 05/19/21 09:38

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 14:46	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 14:46	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 14:46	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/20/21 09:15	05/20/21 14:46	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 14:46	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/20/21 09:15	05/20/21 14:46	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/20/21 09:15	05/20/21 14:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/20/21 09:15	05/20/21 14:46	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/20/21 09:15	05/20/21 14:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:21	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-129

Lab Sample ID: 880-2321-5

Date Collected: 05/19/21 09:38

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:21	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130			05/20/21 10:30	05/21/21 23:21	1
o-Terphenyl	118		70 - 130			05/20/21 10:30	05/21/21 23:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	56.6		5.00	mg/Kg			05/24/21 20:51	1

Client Sample ID: C-127

Lab Sample ID: 880-2321-6

Date Collected: 05/19/21 09:40

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 15:06	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 15:06	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 15:06	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 15:06	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 15:06	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 15:06	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 15:06	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130			05/20/21 09:15	05/20/21 15:06	1
1,4-Difluorobenzene (Surr)	97		70 - 130			05/20/21 09:15	05/20/21 15:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:42	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/21/21 23:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130			05/20/21 10:30	05/21/21 23:42	1
o-Terphenyl	116		70 - 130			05/20/21 10:30	05/21/21 23:42	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.5		5.00	mg/Kg			05/24/21 20:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-126

Lab Sample ID: 880-2321-7

Date Collected: 05/19/21 09:42

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 15:48	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 15:48	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 15:48	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 15:48	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 15:48	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 15:48	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 15:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	05/20/21 09:15	05/20/21 15:48	1
1,4-Difluorobenzene (Surr)	108		70 - 130	05/20/21 09:15	05/20/21 15:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 00:03	1
Diesel Range Organics (Over C10-C28)	131	++	50.0	mg/Kg		05/20/21 10:30	05/22/21 00:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 00:03	1
Total TPH	131		50.0	mg/Kg		05/20/21 10:30	05/22/21 00:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130	05/20/21 10:30	05/22/21 00:03	1
o-Terphenyl	114		70 - 130	05/20/21 10:30	05/22/21 00:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	246		5.04	mg/Kg			05/24/21 21:01	1

Client Sample ID: C-124

Lab Sample ID: 880-2321-8

Date Collected: 05/19/21 09:44

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:09	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:09	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:09	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 16:09	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:09	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 16:09	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	05/20/21 09:15	05/20/21 16:09	1
1,4-Difluorobenzene (Surr)	104		70 - 130	05/20/21 09:15	05/20/21 16:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 00:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-124

Lab Sample ID: 880-2321-8

Date Collected: 05/19/21 09:44

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	mg/Kg		05/20/21 10:30	05/22/21 00:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 00:24	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 00:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	116		70 - 130			05/20/21 10:30	05/22/21 00:24	1
o-Terphenyl	116		70 - 130			05/20/21 10:30	05/22/21 00:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1470		5.02	mg/Kg			05/25/21 00:31	1

Client Sample ID: C-123

Lab Sample ID: 880-2321-9

Date Collected: 05/19/21 09:46

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:29	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:29	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 16:29	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:29	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 16:29	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 16:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			05/20/21 09:15	05/20/21 16:29	1
1,4-Difluorobenzene (Surr)	99		70 - 130			05/20/21 09:15	05/20/21 16:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 00:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		05/20/21 10:30	05/22/21 00:45	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 00:45	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 00:45	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			05/20/21 10:30	05/22/21 00:45	1
o-Terphenyl	112		70 - 130			05/20/21 10:30	05/22/21 00:45	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	132		4.98	mg/Kg			05/25/21 00:46	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-120

Lab Sample ID: 880-2321-10

Date Collected: 05/19/21 09:48

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:49	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:49	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 16:49	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:15	05/20/21 16:49	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 16:49	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		05/20/21 09:15	05/20/21 16:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	05/20/21 09:15	05/20/21 16:49	1
1,4-Difluorobenzene (Surr)	96		70 - 130	05/20/21 09:15	05/20/21 16:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 01:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		05/20/21 10:30	05/22/21 01:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 01:06	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 01:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	05/20/21 10:30	05/22/21 01:06	1
o-Terphenyl	114		70 - 130	05/20/21 10:30	05/22/21 01:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	318		4.96	mg/Kg			05/25/21 00:51	1

Client Sample ID: C-119

Lab Sample ID: 880-2321-11

Date Collected: 05/19/21 09:50

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 18:11	1
Toluene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 18:11	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 18:11	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		05/20/21 09:15	05/20/21 18:11	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 18:11	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		05/20/21 09:15	05/20/21 18:11	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		05/20/21 09:15	05/20/21 18:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/20/21 09:15	05/20/21 18:11	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/20/21 09:15	05/20/21 18:11	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/20/21 10:30	05/22/21 01:48	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-119

Lab Sample ID: 880-2321-11

Date Collected: 05/19/21 09:50

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U *	49.8	mg/Kg		05/20/21 10:30	05/22/21 01:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/20/21 10:30	05/22/21 01:48	1
Total TPH	<49.8	U	49.8	mg/Kg		05/20/21 10:30	05/22/21 01:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130			05/20/21 10:30	05/22/21 01:48	1
o-Terphenyl	115		70 - 130			05/20/21 10:30	05/22/21 01:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.8		4.97	mg/Kg			05/25/21 00:56	1

Client Sample ID: C-117

Lab Sample ID: 880-2321-12

Date Collected: 05/19/21 09:52

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 18:32	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 18:32	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 18:32	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/20/21 09:15	05/20/21 18:32	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 18:32	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/20/21 09:15	05/20/21 18:32	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		05/20/21 09:15	05/20/21 18:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130			05/20/21 09:15	05/20/21 18:32	1
1,4-Difluorobenzene (Surr)	98		70 - 130			05/20/21 09:15	05/20/21 18:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 02:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		05/20/21 10:30	05/22/21 02:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 02:09	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 02:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			05/20/21 10:30	05/22/21 02:09	1
o-Terphenyl	110		70 - 130			05/20/21 10:30	05/22/21 02:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		4.97	mg/Kg			05/25/21 01:01	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-116

Lab Sample ID: 880-2321-13

Date Collected: 05/19/21 09:54

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 18:52	1
Toluene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 18:52	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 18:52	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		05/20/21 09:15	05/20/21 18:52	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 18:52	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		05/20/21 09:15	05/20/21 18:52	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		05/20/21 09:15	05/20/21 18:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/20/21 09:15	05/20/21 18:52	1
1,4-Difluorobenzene (Surr)	107		70 - 130	05/20/21 09:15	05/20/21 18:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 02:30	1
Diesel Range Organics (Over C10-C28)	1960	+	49.9	mg/Kg		05/20/21 10:30	05/22/21 02:30	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 02:30	1
Total TPH	1960		49.9	mg/Kg		05/20/21 10:30	05/22/21 02:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	121		70 - 130	05/20/21 10:30	05/22/21 02:30	1
o-Terphenyl	95		70 - 130	05/20/21 10:30	05/22/21 02:30	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	717		4.95	mg/Kg			05/25/21 01:15	1

Client Sample ID: C-115

Lab Sample ID: 880-2321-14

Date Collected: 05/19/21 09:56

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 19:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 19:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 19:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/20/21 09:15	05/20/21 19:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 19:12	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/20/21 09:15	05/20/21 19:12	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		05/20/21 09:15	05/20/21 19:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/20/21 09:15	05/20/21 19:12	1
1,4-Difluorobenzene (Surr)	109		70 - 130	05/20/21 09:15	05/20/21 19:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 02:51	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-115

Lab Sample ID: 880-2321-14

Date Collected: 05/19/21 09:56

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	722	*+	49.9	mg/Kg		05/20/21 10:30	05/22/21 02:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 02:51	1
Total TPH	722		49.9	mg/Kg		05/20/21 10:30	05/22/21 02:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130			05/20/21 10:30	05/22/21 02:51	1
o-Terphenyl	98		70 - 130			05/20/21 10:30	05/22/21 02:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	882		4.99	mg/Kg			05/25/21 01:20	1

Client Sample ID: C-114

Lab Sample ID: 880-2321-15

Date Collected: 05/19/21 09:58

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 19:33	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 19:33	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 19:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 19:33	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 19:33	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 19:33	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 19:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			05/20/21 09:15	05/20/21 19:33	1
1,4-Difluorobenzene (Surr)	101		70 - 130			05/20/21 09:15	05/20/21 19:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 03:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U *+	50.0	mg/Kg		05/20/21 10:30	05/22/21 03:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 03:12	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 03:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	103		70 - 130			05/20/21 10:30	05/22/21 03:12	1
o-Terphenyl	100		70 - 130			05/20/21 10:30	05/22/21 03:12	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	162		5.01	mg/Kg			05/25/21 01:25	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-111

Lab Sample ID: 880-2321-16

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 19:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 19:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 19:53	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/20/21 09:15	05/20/21 19:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 19:53	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/20/21 09:15	05/20/21 19:53	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/20/21 09:15	05/20/21 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/20/21 09:15	05/20/21 19:53	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/20/21 09:15	05/20/21 19:53	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 03:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U **	50.0	mg/Kg		05/20/21 10:30	05/22/21 03:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 03:33	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 03:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130	05/20/21 10:30	05/22/21 03:33	1
o-Terphenyl	119		70 - 130	05/20/21 10:30	05/22/21 03:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.0		5.03	mg/Kg			05/25/21 01:30	1

Client Sample ID: C-110

Lab Sample ID: 880-2321-17

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 20:14	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 20:14	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 20:14	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 20:14	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 20:14	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 20:14	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 20:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	05/20/21 09:15	05/20/21 20:14	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/20/21 09:15	05/20/21 20:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 03:54	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-110

Lab Sample ID: 880-2321-17

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U *	49.9	mg/Kg		05/20/21 10:30	05/22/21 03:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 03:54	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 03:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	118		70 - 130			05/20/21 10:30	05/22/21 03:54	1
o-Terphenyl	117		70 - 130			05/20/21 10:30	05/22/21 03:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	211		5.04	mg/Kg			05/25/21 01:35	1

Client Sample ID: C-109

Lab Sample ID: 880-2321-18

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 20:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 20:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 20:34	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/20/21 09:15	05/20/21 20:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 20:34	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/20/21 09:15	05/20/21 20:34	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		05/20/21 09:15	05/20/21 20:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			05/20/21 09:15	05/20/21 20:34	1
1,4-Difluorobenzene (Surr)	100		70 - 130			05/20/21 09:15	05/20/21 20:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 04:15	1
Diesel Range Organics (Over C10-C28)	96.4	+	50.0	mg/Kg		05/20/21 10:30	05/22/21 04:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 04:15	1
Total TPH	96.4		50.0	mg/Kg		05/20/21 10:30	05/22/21 04:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130			05/20/21 10:30	05/22/21 04:15	1
o-Terphenyl	109		70 - 130			05/20/21 10:30	05/22/21 04:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	113	F1	5.05	mg/Kg			05/25/21 01:40	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-108

Lab Sample ID: 880-2321-19

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 20:54	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 20:54	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 20:54	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 20:54	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:15	05/20/21 20:54	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 20:54	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/20/21 09:15	05/20/21 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	05/20/21 09:15	05/20/21 20:54	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/20/21 09:15	05/20/21 20:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 04:36	1
Diesel Range Organics (Over C10-C28)	<49.9	U **	49.9	mg/Kg		05/20/21 10:30	05/22/21 04:36	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 04:36	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:30	05/22/21 04:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	05/20/21 10:30	05/22/21 04:36	1
o-Terphenyl	117		70 - 130	05/20/21 10:30	05/22/21 04:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	35.6		4.98	mg/Kg			05/25/21 01:54	1

Client Sample ID: C-107

Lab Sample ID: 880-2321-20

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 21:15	1
Toluene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 21:15	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 21:15	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		05/20/21 09:15	05/20/21 21:15	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:15	05/20/21 21:15	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		05/20/21 09:15	05/20/21 21:15	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		05/20/21 09:15	05/20/21 21:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	05/20/21 09:15	05/20/21 21:15	1
1,4-Difluorobenzene (Surr)	95		70 - 130	05/20/21 09:15	05/20/21 21:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 04:57	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-107

Lab Sample ID: 880-2321-20

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U *	50.0	mg/Kg		05/20/21 10:30	05/22/21 04:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 04:57	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/22/21 04:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	114		70 - 130			05/20/21 10:30	05/22/21 04:57	1
o-Terphenyl	114		70 - 130			05/20/21 10:30	05/22/21 04:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.0		4.95	mg/Kg			05/25/21 01:59	1

Client Sample ID: C-102

Lab Sample ID: 880-2321-21

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:33	05/20/21 15:48	1
Toluene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:33	05/20/21 15:48	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:33	05/20/21 15:48	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		05/20/21 09:33	05/20/21 15:48	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:33	05/20/21 15:48	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		05/20/21 09:33	05/20/21 15:48	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		05/20/21 09:33	05/20/21 15:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130			05/20/21 09:33	05/20/21 15:48	1
1,4-Difluorobenzene (Surr)	119		70 - 130			05/20/21 09:33	05/20/21 15:48	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 16:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U F2	49.9	mg/Kg		05/20/21 10:34	05/20/21 16:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 16:14	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 16:14	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			05/20/21 10:34	05/20/21 16:14	1
o-Terphenyl	105		70 - 130			05/20/21 10:34	05/20/21 16:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	94.5		4.98	mg/Kg			05/25/21 02:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-101

Lab Sample ID: 880-2321-22

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 16:08	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 16:08	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 16:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 16:08	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 16:08	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 16:08	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 16:08	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/20/21 09:33	05/20/21 16:08	1
1,4-Difluorobenzene (Surr)	124		70 - 130	05/20/21 09:33	05/20/21 16:08	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/20/21 10:34	05/20/21 18:02	1
Diesel Range Organics (Over C10-C28)	136		49.8	mg/Kg		05/20/21 10:34	05/20/21 18:02	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/20/21 10:34	05/20/21 18:02	1
Total TPH	136		49.8	mg/Kg		05/20/21 10:34	05/20/21 18:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130	05/20/21 10:34	05/20/21 18:02	1
o-Terphenyl	101		70 - 130	05/20/21 10:34	05/20/21 18:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	96.7		5.03	mg/Kg			05/25/21 02:19	1

Client Sample ID: C-100

Lab Sample ID: 880-2321-23

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 16:29	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 16:29	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 16:29	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 16:29	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 16:29	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 16:29	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 16:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	05/20/21 09:33	05/20/21 16:29	1
1,4-Difluorobenzene (Surr)	128		70 - 130	05/20/21 09:33	05/20/21 16:29	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/20/21 10:34	05/20/21 18:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-100

Lab Sample ID: 880-2321-23

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	52.4		49.8	mg/Kg		05/20/21 10:34	05/20/21 18:24	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		05/20/21 10:34	05/20/21 18:24	1
Total TPH	52.4		49.8	mg/Kg		05/20/21 10:34	05/20/21 18:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			05/20/21 10:34	05/20/21 18:24	1
o-Terphenyl	95		70 - 130			05/20/21 10:34	05/20/21 18:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	190		5.03	mg/Kg			05/25/21 02:24	1

Client Sample ID: C-99

Lab Sample ID: 880-2321-24

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 16:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 16:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 16:50	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/20/21 09:33	05/20/21 16:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 16:50	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/20/21 09:33	05/20/21 16:50	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/20/21 09:33	05/20/21 16:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			05/20/21 09:33	05/20/21 16:50	1
1,4-Difluorobenzene (Surr)	112		70 - 130			05/20/21 09:33	05/20/21 16:50	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 18:46	1
Diesel Range Organics (Over C10-C28)	853		49.9	mg/Kg		05/20/21 10:34	05/20/21 18:46	1
Oil Range Organics (Over C28-C36)	197		49.9	mg/Kg		05/20/21 10:34	05/20/21 18:46	1
Total TPH	1050		49.9	mg/Kg		05/20/21 10:34	05/20/21 18:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			05/20/21 10:34	05/20/21 18:46	1
o-Terphenyl	98		70 - 130			05/20/21 10:34	05/20/21 18:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	544		5.05	mg/Kg			05/25/21 02:29	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-98

Lab Sample ID: 880-2321-25

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00210		0.00200	mg/Kg		05/20/21 09:33	05/20/21 17:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 17:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 17:10	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/20/21 09:33	05/20/21 17:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 17:10	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/20/21 09:33	05/20/21 17:10	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		05/20/21 09:33	05/20/21 17:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/20/21 09:33	05/20/21 17:10	1
1,4-Difluorobenzene (Surr)	135	S1+	70 - 130	05/20/21 09:33	05/20/21 17:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 19:07	1
Diesel Range Organics (Over C10-C28)	140		49.9	mg/Kg		05/20/21 10:34	05/20/21 19:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 19:07	1
Total TPH	140		49.9	mg/Kg		05/20/21 10:34	05/20/21 19:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	05/20/21 10:34	05/20/21 19:07	1
o-Terphenyl	98		70 - 130	05/20/21 10:34	05/20/21 19:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	138		5.02	mg/Kg			05/25/21 02:34	1

Client Sample ID: C-97

Lab Sample ID: 880-2321-26

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 17:31	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 17:31	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 17:31	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		05/20/21 09:33	05/20/21 17:31	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 17:31	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		05/20/21 09:33	05/20/21 17:31	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		05/20/21 09:33	05/20/21 17:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	05/20/21 09:33	05/20/21 17:31	1
1,4-Difluorobenzene (Surr)	119		70 - 130	05/20/21 09:33	05/20/21 17:31	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 19:29	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-97

Lab Sample ID: 880-2321-26

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 19:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 19:29	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 19:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			05/20/21 10:34	05/20/21 19:29	1
o-Terphenyl	98		70 - 130			05/20/21 10:34	05/20/21 19:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	31.3		4.99	mg/Kg			05/25/21 02:38	1

Client Sample ID: C-96

Lab Sample ID: 880-2321-27

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00260		0.00200	mg/Kg		05/20/21 09:33	05/20/21 17:52	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 17:52	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 17:52	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/20/21 09:33	05/20/21 17:52	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 17:52	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/20/21 09:33	05/20/21 17:52	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		05/20/21 09:33	05/20/21 17:52	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130			05/20/21 09:33	05/20/21 17:52	1
1,4-Difluorobenzene (Surr)	115		70 - 130			05/20/21 09:33	05/20/21 17:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 19:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 19:51	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 19:51	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 19:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130			05/20/21 10:34	05/20/21 19:51	1
o-Terphenyl	101		70 - 130			05/20/21 10:34	05/20/21 19:51	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	18.0		4.97	mg/Kg			05/25/21 02:43	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-93

Lab Sample ID: 880-2321-28

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 18:12	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 18:12	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 18:12	1
m-Xylene & p-Xylene	<0.00404	U	0.00404	mg/Kg		05/20/21 09:33	05/20/21 18:12	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 18:12	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		05/20/21 09:33	05/20/21 18:12	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		05/20/21 09:33	05/20/21 18:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	05/20/21 09:33	05/20/21 18:12	1
1,4-Difluorobenzene (Surr)	125		70 - 130	05/20/21 09:33	05/20/21 18:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 20:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 20:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 20:13	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 20:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	88		70 - 130	05/20/21 10:34	05/20/21 20:13	1
o-Terphenyl	89		70 - 130	05/20/21 10:34	05/20/21 20:13	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.81		4.96	mg/Kg			05/24/21 21:03	1

Client Sample ID: C-92

Lab Sample ID: 880-2321-29

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 18:33	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 18:33	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 18:33	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		05/20/21 09:33	05/20/21 18:33	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 18:33	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		05/20/21 09:33	05/20/21 18:33	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		05/20/21 09:33	05/20/21 18:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130	05/20/21 09:33	05/20/21 18:33	1
1,4-Difluorobenzene (Surr)	130		70 - 130	05/20/21 09:33	05/20/21 18:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 20:34	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-92

Lab Sample ID: 880-2321-29

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 20:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 20:34	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 20:34	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130			05/20/21 10:34	05/20/21 20:34	1
o-Terphenyl	92		70 - 130			05/20/21 10:34	05/20/21 20:34	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.3		4.98	mg/Kg			05/24/21 21:18	1

Client Sample ID: C-91

Lab Sample ID: 880-2321-30

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 18:54	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 18:54	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 18:54	1
m-Xylene & p-Xylene	<0.00401	U	0.00401	mg/Kg		05/20/21 09:33	05/20/21 18:54	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 18:54	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		05/20/21 09:33	05/20/21 18:54	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		05/20/21 09:33	05/20/21 18:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130			05/20/21 09:33	05/20/21 18:54	1
1,4-Difluorobenzene (Surr)	127		70 - 130			05/20/21 09:33	05/20/21 18:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 20:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 20:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 20:56	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 20:56	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	98		70 - 130			05/20/21 10:34	05/20/21 20:56	1
o-Terphenyl	102		70 - 130			05/20/21 10:34	05/20/21 20:56	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.1		4.99	mg/Kg			05/24/21 21:24	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-90

Lab Sample ID: 880-2321-31

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 20:17	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 20:17	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 20:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 20:17	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 20:17	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 20:17	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 20:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	05/20/21 09:33	05/20/21 20:17	1
1,4-Difluorobenzene (Surr)	122		70 - 130	05/20/21 09:33	05/20/21 20:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		05/20/21 10:34	05/20/21 21:39	1
Diesel Range Organics (Over C10-C28)	270		49.8	mg/Kg		05/20/21 10:34	05/20/21 21:39	1
Oil Range Organics (Over C28-C36)	65.6		49.8	mg/Kg		05/20/21 10:34	05/20/21 21:39	1
Total TPH	336		49.8	mg/Kg		05/20/21 10:34	05/20/21 21:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	05/20/21 10:34	05/20/21 21:39	1
o-Terphenyl	98		70 - 130	05/20/21 10:34	05/20/21 21:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	265		5.04	mg/Kg			05/24/21 21:29	1

Client Sample ID: C-89

Lab Sample ID: 880-2321-32

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00203		0.00201	mg/Kg		05/20/21 09:33	05/20/21 20:38	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:33	05/20/21 20:38	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:33	05/20/21 20:38	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/20/21 09:33	05/20/21 20:38	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/20/21 09:33	05/20/21 20:38	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/20/21 09:33	05/20/21 20:38	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		05/20/21 09:33	05/20/21 20:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	05/20/21 09:33	05/20/21 20:38	1
1,4-Difluorobenzene (Surr)	116		70 - 130	05/20/21 09:33	05/20/21 20:38	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 22:00	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-89

Lab Sample ID: 880-2321-32

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 22:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 22:00	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 22:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130			05/20/21 10:34	05/20/21 22:00	1
o-Terphenyl	95		70 - 130			05/20/21 10:34	05/20/21 22:00	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7.56		5.05	mg/Kg			05/24/21 21:34	1

Client Sample ID: C-88

Lab Sample ID: 880-2321-33

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00207		0.00199	mg/Kg		05/20/21 09:33	05/20/21 20:59	1
Toluene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 20:59	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 20:59	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 20:59	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		05/20/21 09:33	05/20/21 20:59	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 20:59	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		05/20/21 09:33	05/20/21 20:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130			05/20/21 09:33	05/20/21 20:59	1
1,4-Difluorobenzene (Surr)	114		70 - 130			05/20/21 09:33	05/20/21 20:59	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 22:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 22:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 22:21	1
Total TPH	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 22:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130			05/20/21 10:34	05/20/21 22:21	1
o-Terphenyl	95		70 - 130			05/20/21 10:34	05/20/21 22:21	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.8		4.97	mg/Kg			05/24/21 21:49	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-87

Lab Sample ID: 880-2321-34

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:33	05/20/21 21:19	1
Toluene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:33	05/20/21 21:19	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:33	05/20/21 21:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		05/20/21 09:33	05/20/21 21:19	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		05/20/21 09:33	05/20/21 21:19	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		05/20/21 09:33	05/20/21 21:19	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		05/20/21 09:33	05/20/21 21:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/20/21 09:33	05/20/21 21:19	1
1,4-Difluorobenzene (Surr)	115		70 - 130	05/20/21 09:33	05/20/21 21:19	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 22:43	1
Diesel Range Organics (Over C10-C28)	114		49.9	mg/Kg		05/20/21 10:34	05/20/21 22:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/20/21 22:43	1
Total TPH	114		49.9	mg/Kg		05/20/21 10:34	05/20/21 22:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	92		70 - 130	05/20/21 10:34	05/20/21 22:43	1
o-Terphenyl	95		70 - 130	05/20/21 10:34	05/20/21 22:43	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	79.9		4.98	mg/Kg			05/24/21 21:55	1

Client Sample ID: C-86

Lab Sample ID: 880-2321-35

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 21:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 21:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 21:40	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/20/21 09:33	05/20/21 21:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 21:40	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/20/21 09:33	05/20/21 21:40	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/20/21 09:33	05/20/21 21:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130	05/20/21 09:33	05/20/21 21:40	1
1,4-Difluorobenzene (Surr)	125		70 - 130	05/20/21 09:33	05/20/21 21:40	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 23:04	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-86

Lab Sample ID: 880-2321-35

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	160		50.0	mg/Kg		05/20/21 10:34	05/20/21 23:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 23:04	1
Total TPH	160		50.0	mg/Kg		05/20/21 10:34	05/20/21 23:04	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			05/20/21 10:34	05/20/21 23:04	1
o-Terphenyl	92		70 - 130			05/20/21 10:34	05/20/21 23:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	81.2		4.99	mg/Kg			05/24/21 22:00	1

Client Sample ID: C-83 SW 4'

Lab Sample ID: 880-2321-36

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 22:01	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 22:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 22:01	1
m-Xylene & p-Xylene	0.0213		0.00399	mg/Kg		05/20/21 09:33	05/20/21 22:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 22:01	1
Xylenes, Total	0.0213		0.00399	mg/Kg		05/20/21 09:33	05/20/21 22:01	1
Total BTEX	0.0213		0.00399	mg/Kg		05/20/21 09:33	05/20/21 22:01	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130			05/20/21 09:33	05/20/21 22:01	1
1,4-Difluorobenzene (Surr)	118		70 - 130			05/20/21 09:33	05/20/21 22:01	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	327		250	mg/Kg		05/20/21 10:34	05/20/21 23:47	5
Diesel Range Organics (Over C10-C28)	5480		250	mg/Kg		05/20/21 10:34	05/20/21 23:47	5
Oil Range Organics (Over C28-C36)	1260		250	mg/Kg		05/20/21 10:34	05/20/21 23:47	5
Total TPH	7070		250	mg/Kg		05/20/21 10:34	05/20/21 23:47	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	99		70 - 130			05/20/21 10:34	05/20/21 23:47	5
o-Terphenyl	109		70 - 130			05/20/21 10:34	05/20/21 23:47	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5800		49.5	mg/Kg			05/24/21 22:05	10

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-82 SW 4'

Lab Sample ID: 880-2321-37

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 22:21	1
Toluene	0.00798		0.00200	mg/Kg		05/20/21 09:33	05/20/21 22:21	1
Ethylbenzene	0.0509		0.00200	mg/Kg		05/20/21 09:33	05/20/21 22:21	1
m-Xylene & p-Xylene	0.0818		0.00401	mg/Kg		05/20/21 09:33	05/20/21 22:21	1
o-Xylene	0.0592		0.00200	mg/Kg		05/20/21 09:33	05/20/21 22:21	1
Xylenes, Total	0.141		0.00401	mg/Kg		05/20/21 09:33	05/20/21 22:21	1
Total BTEX	0.200		0.00401	mg/Kg		05/20/21 09:33	05/20/21 22:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/20/21 09:33	05/20/21 22:21	1
1,4-Difluorobenzene (Surr)	113		70 - 130	05/20/21 09:33	05/20/21 22:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/20/21 10:34	05/21/21 00:09	1
Diesel Range Organics (Over C10-C28)	1190		49.9	mg/Kg		05/20/21 10:34	05/21/21 00:09	1
Oil Range Organics (Over C28-C36)	219		49.9	mg/Kg		05/20/21 10:34	05/21/21 00:09	1
Total TPH	1410		49.9	mg/Kg		05/20/21 10:34	05/21/21 00:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	05/20/21 10:34	05/21/21 00:09	1
o-Terphenyl	101		70 - 130	05/20/21 10:34	05/21/21 00:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	48.4		4.95	mg/Kg			05/25/21 18:48	1

Client Sample ID: C-81 SW 4'

Lab Sample ID: 880-2321-38

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 22:42	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 22:42	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 22:42	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		05/20/21 09:33	05/20/21 22:42	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 22:42	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		05/20/21 09:33	05/20/21 22:42	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		05/20/21 09:33	05/20/21 22:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	05/20/21 09:33	05/20/21 22:42	1
1,4-Difluorobenzene (Surr)	114		70 - 130	05/20/21 09:33	05/20/21 22:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 23:26	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-81 SW 4'

Lab Sample ID: 880-2321-38

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 23:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 23:26	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 23:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	93		70 - 130			05/20/21 10:34	05/20/21 23:26	1
o-Terphenyl	96		70 - 130			05/20/21 10:34	05/20/21 23:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2850		25.0	mg/Kg			05/25/21 19:03	5

Client Sample ID: C-72 SW 4.1'-7'

Lab Sample ID: 880-2321-39

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 23:03	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 23:03	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 23:03	1
m-Xylene & p-Xylene	0.00646		0.00403	mg/Kg		05/20/21 09:33	05/20/21 23:03	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/20/21 09:33	05/20/21 23:03	1
Xylenes, Total	0.00646		0.00403	mg/Kg		05/20/21 09:33	05/20/21 23:03	1
Total BTEX	0.00646		0.00403	mg/Kg		05/20/21 09:33	05/20/21 23:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		70 - 130			05/20/21 09:33	05/20/21 23:03	1
1,4-Difluorobenzene (Surr)	115		70 - 130			05/20/21 09:33	05/20/21 23:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U	249	mg/Kg		05/20/21 10:34	05/21/21 00:30	5
Diesel Range Organics (Over C10-C28)	3630		249	mg/Kg		05/20/21 10:34	05/21/21 00:30	5
Oil Range Organics (Over C28-C36)	752		249	mg/Kg		05/20/21 10:34	05/21/21 00:30	5
Total TPH	4380		249	mg/Kg		05/20/21 10:34	05/21/21 00:30	5
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			05/20/21 10:34	05/21/21 00:30	5
o-Terphenyl	106		70 - 130			05/20/21 10:34	05/21/21 00:30	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5520		49.6	mg/Kg			05/25/21 19:08	10

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-69 5'

Lab Sample ID: 880-2321-40

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00209		0.00202	mg/Kg		05/20/21 09:33	05/20/21 23:23	1
Toluene	0.0708		0.00202	mg/Kg		05/20/21 09:33	05/20/21 23:23	1
Ethylbenzene	0.377		0.00202	mg/Kg		05/20/21 09:33	05/20/21 23:23	1
m-Xylene & p-Xylene	7.15		0.200	mg/Kg		05/21/21 15:00	05/22/21 13:47	50
o-Xylene	2.20		0.0998	mg/Kg		05/21/21 15:00	05/22/21 13:47	50
Xylenes, Total	9.35		0.200	mg/Kg		05/21/21 15:00	05/22/21 13:47	50
Total BTEX	10.5		0.200	mg/Kg		05/21/21 15:00	05/22/21 13:47	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	274	S1+	70 - 130	05/20/21 09:33	05/20/21 23:23	1
1,4-Difluorobenzene (Surr)	129		70 - 130	05/20/21 09:33	05/20/21 23:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	556		250	mg/Kg		05/20/21 10:34	05/21/21 00:52	5
Diesel Range Organics (Over C10-C28)	5310		250	mg/Kg		05/20/21 10:34	05/21/21 00:52	5
Oil Range Organics (Over C28-C36)	941		250	mg/Kg		05/20/21 10:34	05/21/21 00:52	5
Total TPH	6810		250	mg/Kg		05/20/21 10:34	05/21/21 00:52	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	117		70 - 130	05/20/21 10:34	05/21/21 00:52	5
o-Terphenyl	108		70 - 130	05/20/21 10:34	05/21/21 00:52	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4600		25.1	mg/Kg			05/25/21 19:13	5

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-2321-1	C-152 SW 4'	102	98
880-2321-1 MS	C-152 SW 4'	110	106
880-2321-1 MSD	C-152 SW 4'	110	108
880-2321-2	C-136 SW 4'	99	96
880-2321-3	C-135 SW 4'	114	108
880-2321-4	C-130	115	104
880-2321-5	C-129	109	99
880-2321-6	C-127	108	97
880-2321-7	C-126	117	108
880-2321-8	C-124	115	104
880-2321-9	C-123	105	99
880-2321-10	C-120	108	96
880-2321-11	C-119	100	94
880-2321-12	C-117	97	98
880-2321-13	C-116	106	107
880-2321-14	C-115	107	109
880-2321-15	C-114	111	101
880-2321-16	C-111	109	99
880-2321-17	C-110	102	95
880-2321-18	C-109	109	100
880-2321-19	C-108	106	95
880-2321-20	C-107	101	95
880-2321-21	C-102	92	119
880-2321-21 MS	C-102	93	115
880-2321-21 MSD	C-102	90	118
880-2321-22	C-101	103	124
880-2321-23	C-100	91	128
880-2321-24	C-99	105	112
880-2321-25	C-98	109	135 S1+
880-2321-26	C-97	103	119
880-2321-27	C-96	104	115
880-2321-28	C-93	104	125
880-2321-29	C-92	96	130
880-2321-30	C-91	101	127
880-2321-31	C-90	91	122
880-2321-32	C-89	92	116
880-2321-33	C-88	98	114
880-2321-34	C-87	94	115
880-2321-35	C-86	94	125
880-2321-36	C-83 SW 4'	116	118
880-2321-37	C-82 SW 4'	107	113
880-2321-38	C-81 SW 4'	88	114
880-2321-39	C-72 SW 4.1'-7'	94	115
880-2321-40	C-69 5'	274 S1+	129
880-2354-A-21-A MS	Matrix Spike	99	95
880-2354-A-21-B MSD	Matrix Spike Duplicate	115	107
LCS 880-3251/1-A	Lab Control Sample	109	108
LCS 880-3262/1-A	Lab Control Sample	91	116
LCS 880-3332/1-A	Lab Control Sample	113	101

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.

Job ID: 880-2321-1

Project/Site: Blinebry SAT 1

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-3251/2-A	Lab Control Sample Dup	109	109
LCSD 880-3262/2-A	Lab Control Sample Dup	86	116
LCSD 880-3332/2-A	Lab Control Sample Dup	99	105
MB 880-3251/5-A	Method Blank	90	94
MB 880-3262/5-A	Method Blank	176 S1+	106
MB 880-3313/5-A	Method Blank	81	80
MB 880-3332/5-A	Method Blank	76	85
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-2321-1	C-152 SW 4'	116	114
880-2321-1 MS	C-152 SW 4'	111	93
880-2321-1 MSD	C-152 SW 4'	110	93
880-2321-2	C-136 SW 4'	104	102
880-2321-3	C-135 SW 4'	115	102
880-2321-4	C-130	107	106
880-2321-5	C-129	119	118
880-2321-6	C-127	117	116
880-2321-7	C-126	114	114
880-2321-8	C-124	116	116
880-2321-9	C-123	112	112
880-2321-10	C-120	115	114
880-2321-11	C-119	115	115
880-2321-12	C-117	112	110
880-2321-13	C-116	121	95
880-2321-14	C-115	109	98
880-2321-15	C-114	103	100
880-2321-16	C-111	119	119
880-2321-17	C-110	118	117
880-2321-18	C-109	114	109
880-2321-19	C-108	117	117
880-2321-20	C-107	114	114
880-2321-21	C-102	99	105
880-2321-21 MS	C-102	7 S1-	11 S1-
880-2321-21 MSD	C-102	98	88
880-2321-22	C-101	97	101
880-2321-23	C-100	93	95
880-2321-24	C-99	93	98
880-2321-25	C-98	92	98
880-2321-26	C-97	91	98
880-2321-27	C-96	101	101
880-2321-28	C-93	88	89
880-2321-29	C-92	91	92

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.

Job ID: 880-2321-1

Project/Site: Blinebry SAT 1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-2321-30	C-91	98	102
880-2321-31	C-90	92	98
880-2321-32	C-89	89	95
880-2321-33	C-88	92	95
880-2321-34	C-87	92	95
880-2321-35	C-86	93	92
880-2321-36	C-83 SW 4'	99	109
880-2321-37	C-82 SW 4'	104	101
880-2321-38	C-81 SW 4'	93	96
880-2321-39	C-72 SW 4.1'-7'	97	106
880-2321-40	C-69 5'	117	108
LCS 880-3279/2-A	Lab Control Sample	131 S1+	116
LCS 880-3280/2-A	Lab Control Sample	113	102
LCSD 880-3279/3-A	Lab Control Sample Dup	122	111
LCSD 880-3280/3-A	Lab Control Sample Dup	111	100
MB 880-3279/1-A	Method Blank	115	120
MB 880-3280/1-A	Method Blank	110	119

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3251/5-A

Matrix: Solid

Analysis Batch: 3265

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3251

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 13:02	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 13:02	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 13:02	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/20/21 09:15	05/20/21 13:02	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:15	05/20/21 13:02	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/20/21 09:15	05/20/21 13:02	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/20/21 09:15	05/20/21 13:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	90		70 - 130	05/20/21 09:15	05/20/21 13:02	1
1,4-Difluorobenzene (Surr)	94		70 - 130	05/20/21 09:15	05/20/21 13:02	1

Lab Sample ID: LCS 880-3251/1-A

Matrix: Solid

Analysis Batch: 3265

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3251

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1153		mg/Kg		115	70 - 130
Toluene	0.100	0.1065		mg/Kg		107	70 - 130
Ethylbenzene	0.100	0.1058		mg/Kg		106	70 - 130
m-Xylene & p-Xylene	0.200	0.2273		mg/Kg		114	70 - 130
o-Xylene	0.100	0.1144		mg/Kg		114	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-3251/2-A

Matrix: Solid

Analysis Batch: 3265

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3251

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1233		mg/Kg		123	70 - 130	7	35
Toluene	0.100	0.1129		mg/Kg		113	70 - 130	6	35
Ethylbenzene	0.100	0.1134		mg/Kg		113	70 - 130	7	35
m-Xylene & p-Xylene	0.200	0.2434		mg/Kg		122	70 - 130	7	35
o-Xylene	0.100	0.1220		mg/Kg		122	70 - 130	6	35

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

Lab Sample ID: 880-2321-1 MS

Matrix: Solid

Analysis Batch: 3265

Client Sample ID: C-152 SW 4'

Prep Type: Total/NA

Prep Batch: 3251

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.100	0.1013		mg/Kg		101	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

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

Lab Sample ID: 880-2321-1 MS

Matrix: Solid

Analysis Batch: 3265

Client Sample ID: C-152 SW 4'

Prep Type: Total/NA

Prep Batch: 3251

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00202	U	0.100	0.09406		mg/Kg		94	70 - 130
Ethylbenzene	<0.00202	U	0.100	0.09428		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.201	0.2020		mg/Kg		101	70 - 130
o-Xylene	<0.00202	U	0.100	0.1008		mg/Kg		100	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	110		70 - 130						
1,4-Difluorobenzene (Surr)	106		70 - 130						

Lab Sample ID: 880-2321-1 MSD

Matrix: Solid

Analysis Batch: 3265

Client Sample ID: C-152 SW 4'

Prep Type: Total/NA

Prep Batch: 3251

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.1044		mg/Kg		104	70 - 130	3	35
Toluene	<0.00202	U	0.100	0.09701		mg/Kg		97	70 - 130	3	35
Ethylbenzene	<0.00202	U	0.100	0.09671		mg/Kg		97	70 - 130	3	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2073		mg/Kg		103	70 - 130	3	35
o-Xylene	<0.00202	U	0.100	0.1026		mg/Kg		102	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	110		70 - 130								
1,4-Difluorobenzene (Surr)	108		70 - 130								

Lab Sample ID: MB 880-3262/5-A

Matrix: Solid

Analysis Batch: 3268

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3262

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 15:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 15:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 15:20	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/20/21 09:33	05/20/21 15:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/20/21 09:33	05/20/21 15:20	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/20/21 09:33	05/20/21 15:20	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/20/21 09:33	05/20/21 15:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	176	S1+	70 - 130			05/20/21 09:33	05/20/21 15:20	1
1,4-Difluorobenzene (Surr)	106		70 - 130			05/20/21 09:33	05/20/21 15:20	1

Lab Sample ID: LCS 880-3262/1-A

Matrix: Solid

Analysis Batch: 3268

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1077		mg/Kg		108	70 - 130
Toluene	0.100	0.1129		mg/Kg		113	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

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

Lab Sample ID: LCS 880-3262/1-A

Matrix: Solid

Analysis Batch: 3268

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3262

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.1075		mg/Kg		107	70 - 130
m-Xylene & p-Xylene	0.200	0.2184		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1050		mg/Kg		105	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-3262/2-A

Matrix: Solid

Analysis Batch: 3268

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3262

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1025		mg/Kg		103	70 - 130	5	35
Toluene	0.100	0.1061		mg/Kg		106	70 - 130	6	35
Ethylbenzene	0.100	0.09634		mg/Kg		96	70 - 130	11	35
m-Xylene & p-Xylene	0.200	0.1988		mg/Kg		99	70 - 130	9	35
o-Xylene	0.100	0.08985		mg/Kg		90	70 - 130	16	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: 880-2321-21 MS

Matrix: Solid

Analysis Batch: 3268

Client Sample ID: C-102

Prep Type: Total/NA

Prep Batch: 3262

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U	0.0996	0.1071		mg/Kg		108	70 - 130
Toluene	<0.00198	U	0.0996	0.1040		mg/Kg		104	70 - 130
Ethylbenzene	<0.00198	U	0.0996	0.09621		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.199	0.1962		mg/Kg		98	70 - 130
o-Xylene	<0.00198	U	0.0996	0.09441		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

Lab Sample ID: 880-2321-21 MSD

Matrix: Solid

Analysis Batch: 3268

Client Sample ID: C-102

Prep Type: Total/NA

Prep Batch: 3262

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00198	U	0.100	0.1008		mg/Kg		101	70 - 130	6	35
Toluene	<0.00198	U	0.100	0.1023		mg/Kg		102	70 - 130	2	35
Ethylbenzene	<0.00198	U	0.100	0.08762		mg/Kg		88	70 - 130	9	35
m-Xylene & p-Xylene	<0.00396	U	0.200	0.1750		mg/Kg		87	70 - 130	11	35
o-Xylene	<0.00198	U	0.100	0.08273		mg/Kg		83	70 - 130	13	35

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: MB 880-3313/5-A

Matrix: Solid

Analysis Batch: 3336

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3313

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/21/21 11:00	05/21/21 15:57	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/21/21 11:00	05/21/21 15:57	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/21/21 11:00	05/21/21 15:57	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/21/21 11:00	05/21/21 15:57	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/21/21 11:00	05/21/21 15:57	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/21/21 11:00	05/21/21 15:57	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/21/21 11:00	05/21/21 15:57	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	81		70 - 130	05/21/21 11:00	05/21/21 15:57	1
1,4-Difluorobenzene (Surr)	80		70 - 130	05/21/21 11:00	05/21/21 15:57	1

Lab Sample ID: MB 880-3332/5-A

Matrix: Solid

Analysis Batch: 3336

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3332

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/21/21 09:47	05/22/21 05:08	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/21/21 09:47	05/22/21 05:08	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/21/21 09:47	05/22/21 05:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/21/21 09:47	05/22/21 05:08	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/21/21 09:47	05/22/21 05:08	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/21/21 09:47	05/22/21 05:08	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/21/21 09:47	05/22/21 05:08	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	76		70 - 130	05/21/21 09:47	05/22/21 05:08	1
1,4-Difluorobenzene (Surr)	85		70 - 130	05/21/21 09:47	05/22/21 05:08	1

Lab Sample ID: LCS 880-3332/1-A

Matrix: Solid

Analysis Batch: 3336

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1269		mg/Kg		127	70 - 130
Toluene	0.100	0.1162		mg/Kg		116	70 - 130
Ethylbenzene	0.100	0.1116		mg/Kg		112	70 - 130
m-Xylene & p-Xylene	0.200	0.2178		mg/Kg		109	70 - 130
o-Xylene	0.100	0.1039		mg/Kg		104	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

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

Lab Sample ID: LCS 880-3332/1-A

Matrix: Solid

Analysis Batch: 3336

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3332

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

Lab Sample ID: LCSD 880-3332/2-A

Matrix: Solid

Analysis Batch: 3336

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3332

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1350	*+	mg/Kg		135	70 - 130	6	35
Toluene	0.100	0.1082		mg/Kg		108	70 - 130	7	35
Ethylbenzene	0.100	0.1021		mg/Kg		102	70 - 130	9	35
m-Xylene & p-Xylene	0.200	0.1988		mg/Kg		99	70 - 130	9	35
o-Xylene	0.100	0.09510		mg/Kg		95	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: 880-2354-A-21-A MS

Matrix: Solid

Analysis Batch: 3336

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3332

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U *+ F1 F2	0.100	0.03137	F1	mg/Kg		31	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.03110	F1	mg/Kg		31	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.100	0.03372	F1	mg/Kg		34	70 - 130
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.200	0.06712	F1	mg/Kg		33	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.03592	F1	mg/Kg		36	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-2354-A-21-B MSD

Matrix: Solid

Analysis Batch: 3336

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3332

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U *+ F1 F2	0.100	0.1117	F2	mg/Kg		111	70 - 130	112	35
Toluene	<0.00200	U F1 F2	0.100	0.1035	F2	mg/Kg		103	70 - 130	108	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.1019	F2	mg/Kg		101	70 - 130	101	35
m-Xylene & p-Xylene	<0.00401	U F1 F2	0.201	0.1974	F2	mg/Kg		98	70 - 130	98	35
o-Xylene	<0.00200	U F1 F2	0.100	0.09637	F2	mg/Kg		96	70 - 130	91	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	115		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

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

Lab Sample ID: MB 880-3279/1-A

Matrix: Solid

Analysis Batch: 3310

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3279

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/21/21 20:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/21/21 20:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/21/21 20:12	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:30	05/21/21 20:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	115		70 - 130	05/20/21 10:30	05/21/21 20:12	1
o-Terphenyl	120		70 - 130	05/20/21 10:30	05/21/21 20:12	1

Lab Sample ID: LCS 880-3279/2-A

Matrix: Solid

Analysis Batch: 3310

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3279

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1049		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1338	*+	mg/Kg		134	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	131	S1+	70 - 130
o-Terphenyl	116		70 - 130

Lab Sample ID: LCSD 880-3279/3-A

Matrix: Solid

Analysis Batch: 3310

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3279

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1099		mg/Kg		110	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	1000	1253		mg/Kg		125	70 - 130	7	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	122		70 - 130
o-Terphenyl	111		70 - 130

Lab Sample ID: 880-2321-1 MS

Matrix: Solid

Analysis Batch: 3310

Client Sample ID: C-152 SW 4'

Prep Type: Total/NA

Prep Batch: 3279

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	920.8		mg/Kg		92	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U *+	996	1221		mg/Kg		123	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

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

Lab Sample ID: 880-2321-1 MS

Matrix: Solid

Analysis Batch: 3310

Client Sample ID: C-152 SW 4'

Prep Type: Total/NA

Prep Batch: 3279

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: 880-2321-1 MSD

Matrix: Solid

Analysis Batch: 3310

Client Sample ID: C-152 SW 4'

Prep Type: Total/NA

Prep Batch: 3279

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	925.3		mg/Kg		93	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U **	996	1211		mg/Kg		122	70 - 130	1	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	110		70 - 130
o-Terphenyl	93		70 - 130

Lab Sample ID: MB 880-3280/1-A

Matrix: Solid

Analysis Batch: 3266

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3280

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 15:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 15:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 15:08	1
Total TPH	<50.0	U	50.0	mg/Kg		05/20/21 10:34	05/20/21 15:08	1

	MB	MB						
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac		
1-Chlorooctane	110		70 - 130	05/20/21 10:34	05/20/21 15:08	1		
o-Terphenyl	119		70 - 130	05/20/21 10:34	05/20/21 15:08	1		

Lab Sample ID: LCS 880-3280/2-A

Matrix: Solid

Analysis Batch: 3266

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3280

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	918.8		mg/Kg		92	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1127		mg/Kg		113	70 - 130	

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	113		70 - 130
o-Terphenyl	102		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

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

Lab Sample ID: LCSD 880-3280/3-A

Matrix: Solid

Analysis Batch: 3266

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3280

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	906.5		mg/Kg		91	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1132		mg/Kg		113	70 - 130	0	20
Surrogate	%Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	111		70 - 130						
o-Terphenyl	100		70 - 130						

Lab Sample ID: 880-2321-21 MS

Matrix: Solid

Analysis Batch: 3266

Client Sample ID: C-102

Prep Type: Total/NA

Prep Batch: 3280

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	875.0		mg/Kg		88	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F2	996	1296		mg/Kg		130	70 - 130		
Surrogate	%Recovery	MS Qualifier	Limits								
1-Chlorooctane	7	S1-	70 - 130								
o-Terphenyl	11	S1-	70 - 130								

Lab Sample ID: 880-2321-21 MSD

Matrix: Solid

Analysis Batch: 3266

Client Sample ID: C-102

Prep Type: Total/NA

Prep Batch: 3280

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	807.2		mg/Kg		81	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U F2	996	1055	F2	mg/Kg		106	70 - 130	21	20
Surrogate	%Recovery	MSD Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	88		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3282/1-A

Matrix: Solid

Analysis Batch: 3335

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			05/24/21 18:34	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-3282/2-A

Matrix: Solid

Analysis Batch: 3335

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	274.0		mg/Kg		110	90 - 110

Lab Sample ID: LCSD 880-3282/3-A

Matrix: Solid

Analysis Batch: 3335

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	274.1		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-2319-A-36-D MS

Matrix: Solid

Analysis Batch: 3335

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	62.2	F1	250	199.4	F1	mg/Kg		55	90 - 110

Lab Sample ID: 880-2319-A-36-E MSD

Matrix: Solid

Analysis Batch: 3335

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	62.2	F1	250	204.1	F1	mg/Kg		57	90 - 110	2	20

Lab Sample ID: MB 880-3283/1-A

Matrix: Solid

Analysis Batch: 3338

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			05/25/21 00:17	1

Lab Sample ID: LCS 880-3283/2-A

Matrix: Solid

Analysis Batch: 3338

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	272.6		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-3283/3-A

Matrix: Solid

Analysis Batch: 3338

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	272.7		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-2321-8 MS

Matrix: Solid

Analysis Batch: 3338

Client Sample ID: C-124

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	1470		251	1715	E 4	mg/Kg		98	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-2321-8 MSD

Matrix: Solid

Analysis Batch: 3338

Client Sample ID: C-124

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1470		251	1721	E 4	mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-2321-18 MS

Matrix: Solid

Analysis Batch: 3338

Client Sample ID: C-109

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	113	F1	253	408.4	F1	mg/Kg		117	90 - 110		

Lab Sample ID: 880-2321-18 MSD

Matrix: Solid

Analysis Batch: 3338

Client Sample ID: C-109

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	113	F1	253	408.1	F1	mg/Kg		117	90 - 110	0	20

Lab Sample ID: MB 880-3301/1-A

Matrix: Solid

Analysis Batch: 3433

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			05/24/21 20:47	1

Lab Sample ID: LCS 880-3301/2-A

Matrix: Solid

Analysis Batch: 3433

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	250	233.1		mg/Kg		93	90 - 110		

Lab Sample ID: LCSD 880-3301/3-A

Matrix: Solid

Analysis Batch: 3433

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	233.7		mg/Kg		93	90 - 110	0	20

Lab Sample ID: 880-2321-28 MS

Matrix: Solid

Analysis Batch: 3433

Client Sample ID: C-93

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	6.81		248	250.0		mg/Kg		98	90 - 110		

Lab Sample ID: 880-2321-28 MSD

Matrix: Solid

Analysis Batch: 3433

Client Sample ID: C-93

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	6.81		248	250.1		mg/Kg		98	90 - 110	0	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3346/1-A

Matrix: Solid

Analysis Batch: 3449

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			05/25/21 18:32	1

Lab Sample ID: LCS 880-3346/2-A

Matrix: Solid

Analysis Batch: 3449

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	235.1		mg/Kg		94	90 - 110

Lab Sample ID: LCSD 880-3346/3-A

Matrix: Solid

Analysis Batch: 3449

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	235.4		mg/Kg		94	90 - 110	0	20

Lab Sample ID: 880-2321-37 MS

Matrix: Solid

Analysis Batch: 3449

Client Sample ID: C-82 SW 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	48.4		248	302.1		mg/Kg		102	90 - 110

Lab Sample ID: 880-2321-37 MSD

Matrix: Solid

Analysis Batch: 3449

Client Sample ID: C-82 SW 4'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	48.4		248	297.1		mg/Kg		100	90 - 110	2	20

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

GC VOA

Prep Batch: 3251

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-1	C-152 SW 4'	Total/NA	Solid	5035	
880-2321-2	C-136 SW 4'	Total/NA	Solid	5035	
880-2321-3	C-135 SW 4'	Total/NA	Solid	5035	
880-2321-4	C-130	Total/NA	Solid	5035	
880-2321-5	C-129	Total/NA	Solid	5035	
880-2321-6	C-127	Total/NA	Solid	5035	
880-2321-7	C-126	Total/NA	Solid	5035	
880-2321-8	C-124	Total/NA	Solid	5035	
880-2321-9	C-123	Total/NA	Solid	5035	
880-2321-10	C-120	Total/NA	Solid	5035	
880-2321-11	C-119	Total/NA	Solid	5035	
880-2321-12	C-117	Total/NA	Solid	5035	
880-2321-13	C-116	Total/NA	Solid	5035	
880-2321-14	C-115	Total/NA	Solid	5035	
880-2321-15	C-114	Total/NA	Solid	5035	
880-2321-16	C-111	Total/NA	Solid	5035	
880-2321-17	C-110	Total/NA	Solid	5035	
880-2321-18	C-109	Total/NA	Solid	5035	
880-2321-19	C-108	Total/NA	Solid	5035	
880-2321-20	C-107	Total/NA	Solid	5035	
MB 880-3251/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3251/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3251/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2321-1 MS	C-152 SW 4'	Total/NA	Solid	5035	
880-2321-1 MSD	C-152 SW 4'	Total/NA	Solid	5035	

Prep Batch: 3262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-21	C-102	Total/NA	Solid	5035	
880-2321-22	C-101	Total/NA	Solid	5035	
880-2321-23	C-100	Total/NA	Solid	5035	
880-2321-24	C-99	Total/NA	Solid	5035	
880-2321-25	C-98	Total/NA	Solid	5035	
880-2321-26	C-97	Total/NA	Solid	5035	
880-2321-27	C-96	Total/NA	Solid	5035	
880-2321-28	C-93	Total/NA	Solid	5035	
880-2321-29	C-92	Total/NA	Solid	5035	
880-2321-30	C-91	Total/NA	Solid	5035	
880-2321-31	C-90	Total/NA	Solid	5035	
880-2321-32	C-89	Total/NA	Solid	5035	
880-2321-33	C-88	Total/NA	Solid	5035	
880-2321-34	C-87	Total/NA	Solid	5035	
880-2321-35	C-86	Total/NA	Solid	5035	
880-2321-36	C-83 SW 4'	Total/NA	Solid	5035	
880-2321-37	C-82 SW 4'	Total/NA	Solid	5035	
880-2321-38	C-81 SW 4'	Total/NA	Solid	5035	
880-2321-39	C-72 SW 4.1'-7'	Total/NA	Solid	5035	
880-2321-40	C-69 5'	Total/NA	Solid	5035	
MB 880-3262/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3262/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3262/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

GC VOA (Continued)

Prep Batch: 3262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-21 MS	C-102	Total/NA	Solid	5035	
880-2321-21 MSD	C-102	Total/NA	Solid	5035	

Analysis Batch: 3265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-1	C-152 SW 4'	Total/NA	Solid	8021B	3251
880-2321-2	C-136 SW 4'	Total/NA	Solid	8021B	3251
880-2321-3	C-135 SW 4'	Total/NA	Solid	8021B	3251
880-2321-4	C-130	Total/NA	Solid	8021B	3251
880-2321-5	C-129	Total/NA	Solid	8021B	3251
880-2321-6	C-127	Total/NA	Solid	8021B	3251
880-2321-7	C-126	Total/NA	Solid	8021B	3251
880-2321-8	C-124	Total/NA	Solid	8021B	3251
880-2321-9	C-123	Total/NA	Solid	8021B	3251
880-2321-10	C-120	Total/NA	Solid	8021B	3251
880-2321-11	C-119	Total/NA	Solid	8021B	3251
880-2321-12	C-117	Total/NA	Solid	8021B	3251
880-2321-13	C-116	Total/NA	Solid	8021B	3251
880-2321-14	C-115	Total/NA	Solid	8021B	3251
880-2321-15	C-114	Total/NA	Solid	8021B	3251
880-2321-16	C-111	Total/NA	Solid	8021B	3251
880-2321-17	C-110	Total/NA	Solid	8021B	3251
880-2321-18	C-109	Total/NA	Solid	8021B	3251
880-2321-19	C-108	Total/NA	Solid	8021B	3251
880-2321-20	C-107	Total/NA	Solid	8021B	3251
MB 880-3251/5-A	Method Blank	Total/NA	Solid	8021B	3251
LCS 880-3251/1-A	Lab Control Sample	Total/NA	Solid	8021B	3251
LCSD 880-3251/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3251
880-2321-1 MS	C-152 SW 4'	Total/NA	Solid	8021B	3251
880-2321-1 MSD	C-152 SW 4'	Total/NA	Solid	8021B	3251

Analysis Batch: 3268

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-21	C-102	Total/NA	Solid	8021B	3262
880-2321-22	C-101	Total/NA	Solid	8021B	3262
880-2321-23	C-100	Total/NA	Solid	8021B	3262
880-2321-24	C-99	Total/NA	Solid	8021B	3262
880-2321-25	C-98	Total/NA	Solid	8021B	3262
880-2321-26	C-97	Total/NA	Solid	8021B	3262
880-2321-27	C-96	Total/NA	Solid	8021B	3262
880-2321-28	C-93	Total/NA	Solid	8021B	3262
880-2321-29	C-92	Total/NA	Solid	8021B	3262
880-2321-30	C-91	Total/NA	Solid	8021B	3262
880-2321-31	C-90	Total/NA	Solid	8021B	3262
880-2321-32	C-89	Total/NA	Solid	8021B	3262
880-2321-33	C-88	Total/NA	Solid	8021B	3262
880-2321-34	C-87	Total/NA	Solid	8021B	3262
880-2321-35	C-86	Total/NA	Solid	8021B	3262
880-2321-36	C-83 SW 4'	Total/NA	Solid	8021B	3262
880-2321-37	C-82 SW 4'	Total/NA	Solid	8021B	3262
880-2321-38	C-81 SW 4'	Total/NA	Solid	8021B	3262

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

GC VOA (Continued)

Analysis Batch: 3268 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-39	C-72 SW 4.1'-7'	Total/NA	Solid	8021B	3262
880-2321-40	C-69 5'	Total/NA	Solid	8021B	3262
MB 880-3262/5-A	Method Blank	Total/NA	Solid	8021B	3262
LCS 880-3262/1-A	Lab Control Sample	Total/NA	Solid	8021B	3262
LCSD 880-3262/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3262
880-2321-21 MS	C-102	Total/NA	Solid	8021B	3262
880-2321-21 MSD	C-102	Total/NA	Solid	8021B	3262

Prep Batch: 3313

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-3313/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 3332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-40	C-69 5'	Total/NA	Solid	5035	
MB 880-3332/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3332/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3332/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2354-A-21-A MS	Matrix Spike	Total/NA	Solid	5035	
880-2354-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 3336

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-40	C-69 5'	Total/NA	Solid	8021B	3332
MB 880-3313/5-A	Method Blank	Total/NA	Solid	8021B	3313
MB 880-3332/5-A	Method Blank	Total/NA	Solid	8021B	3332
LCS 880-3332/1-A	Lab Control Sample	Total/NA	Solid	8021B	3332
LCSD 880-3332/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3332
880-2354-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	3332
880-2354-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	3332

GC Semi VOA

Analysis Batch: 3266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-21	C-102	Total/NA	Solid	8015B NM	3280
880-2321-22	C-101	Total/NA	Solid	8015B NM	3280
880-2321-23	C-100	Total/NA	Solid	8015B NM	3280
880-2321-24	C-99	Total/NA	Solid	8015B NM	3280
880-2321-25	C-98	Total/NA	Solid	8015B NM	3280
880-2321-26	C-97	Total/NA	Solid	8015B NM	3280
880-2321-27	C-96	Total/NA	Solid	8015B NM	3280
880-2321-28	C-93	Total/NA	Solid	8015B NM	3280
880-2321-29	C-92	Total/NA	Solid	8015B NM	3280
880-2321-30	C-91	Total/NA	Solid	8015B NM	3280
880-2321-31	C-90	Total/NA	Solid	8015B NM	3280
880-2321-32	C-89	Total/NA	Solid	8015B NM	3280
880-2321-33	C-88	Total/NA	Solid	8015B NM	3280
880-2321-34	C-87	Total/NA	Solid	8015B NM	3280
880-2321-35	C-86	Total/NA	Solid	8015B NM	3280
880-2321-36	C-83 SW 4'	Total/NA	Solid	8015B NM	3280

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

GC Semi VOA (Continued)

Analysis Batch: 3266 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-37	C-82 SW 4'	Total/NA	Solid	8015B NM	3280
880-2321-38	C-81 SW 4'	Total/NA	Solid	8015B NM	3280
880-2321-39	C-72 SW 4.1'-7'	Total/NA	Solid	8015B NM	3280
880-2321-40	C-69 5'	Total/NA	Solid	8015B NM	3280
MB 880-3280/1-A	Method Blank	Total/NA	Solid	8015B NM	3280
LCS 880-3280/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3280
LCSD 880-3280/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3280
880-2321-21 MS	C-102	Total/NA	Solid	8015B NM	3280
880-2321-21 MSD	C-102	Total/NA	Solid	8015B NM	3280

Prep Batch: 3279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-1	C-152 SW 4'	Total/NA	Solid	8015NM Prep	
880-2321-2	C-136 SW 4'	Total/NA	Solid	8015NM Prep	
880-2321-3	C-135 SW 4'	Total/NA	Solid	8015NM Prep	
880-2321-4	C-130	Total/NA	Solid	8015NM Prep	
880-2321-5	C-129	Total/NA	Solid	8015NM Prep	
880-2321-6	C-127	Total/NA	Solid	8015NM Prep	
880-2321-7	C-126	Total/NA	Solid	8015NM Prep	
880-2321-8	C-124	Total/NA	Solid	8015NM Prep	
880-2321-9	C-123	Total/NA	Solid	8015NM Prep	
880-2321-10	C-120	Total/NA	Solid	8015NM Prep	
880-2321-11	C-119	Total/NA	Solid	8015NM Prep	
880-2321-12	C-117	Total/NA	Solid	8015NM Prep	
880-2321-13	C-116	Total/NA	Solid	8015NM Prep	
880-2321-14	C-115	Total/NA	Solid	8015NM Prep	
880-2321-15	C-114	Total/NA	Solid	8015NM Prep	
880-2321-16	C-111	Total/NA	Solid	8015NM Prep	
880-2321-17	C-110	Total/NA	Solid	8015NM Prep	
880-2321-18	C-109	Total/NA	Solid	8015NM Prep	
880-2321-19	C-108	Total/NA	Solid	8015NM Prep	
880-2321-20	C-107	Total/NA	Solid	8015NM Prep	
MB 880-3279/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3279/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3279/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-2321-1 MS	C-152 SW 4'	Total/NA	Solid	8015NM Prep	
880-2321-1 MSD	C-152 SW 4'	Total/NA	Solid	8015NM Prep	

Prep Batch: 3280

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-21	C-102	Total/NA	Solid	8015NM Prep	
880-2321-22	C-101	Total/NA	Solid	8015NM Prep	
880-2321-23	C-100	Total/NA	Solid	8015NM Prep	
880-2321-24	C-99	Total/NA	Solid	8015NM Prep	
880-2321-25	C-98	Total/NA	Solid	8015NM Prep	
880-2321-26	C-97	Total/NA	Solid	8015NM Prep	
880-2321-27	C-96	Total/NA	Solid	8015NM Prep	
880-2321-28	C-93	Total/NA	Solid	8015NM Prep	
880-2321-29	C-92	Total/NA	Solid	8015NM Prep	
880-2321-30	C-91	Total/NA	Solid	8015NM Prep	
880-2321-31	C-90	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

GC Semi VOA (Continued)

Prep Batch: 3280 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-32	C-89	Total/NA	Solid	8015NM Prep	
880-2321-33	C-88	Total/NA	Solid	8015NM Prep	
880-2321-34	C-87	Total/NA	Solid	8015NM Prep	
880-2321-35	C-86	Total/NA	Solid	8015NM Prep	
880-2321-36	C-83 SW 4'	Total/NA	Solid	8015NM Prep	
880-2321-37	C-82 SW 4'	Total/NA	Solid	8015NM Prep	
880-2321-38	C-81 SW 4'	Total/NA	Solid	8015NM Prep	
880-2321-39	C-72 SW 4.1'-7'	Total/NA	Solid	8015NM Prep	
880-2321-40	C-69 5'	Total/NA	Solid	8015NM Prep	
MB 880-3280/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3280/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3280/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-2321-21 MS	C-102	Total/NA	Solid	8015NM Prep	
880-2321-21 MSD	C-102	Total/NA	Solid	8015NM Prep	

Analysis Batch: 3310

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-1	C-152 SW 4'	Total/NA	Solid	8015B NM	3279
880-2321-2	C-136 SW 4'	Total/NA	Solid	8015B NM	3279
880-2321-3	C-135 SW 4'	Total/NA	Solid	8015B NM	3279
880-2321-4	C-130	Total/NA	Solid	8015B NM	3279
880-2321-5	C-129	Total/NA	Solid	8015B NM	3279
880-2321-6	C-127	Total/NA	Solid	8015B NM	3279
880-2321-7	C-126	Total/NA	Solid	8015B NM	3279
880-2321-8	C-124	Total/NA	Solid	8015B NM	3279
880-2321-9	C-123	Total/NA	Solid	8015B NM	3279
880-2321-10	C-120	Total/NA	Solid	8015B NM	3279
880-2321-11	C-119	Total/NA	Solid	8015B NM	3279
880-2321-12	C-117	Total/NA	Solid	8015B NM	3279
880-2321-13	C-116	Total/NA	Solid	8015B NM	3279
880-2321-14	C-115	Total/NA	Solid	8015B NM	3279
880-2321-15	C-114	Total/NA	Solid	8015B NM	3279
880-2321-16	C-111	Total/NA	Solid	8015B NM	3279
880-2321-17	C-110	Total/NA	Solid	8015B NM	3279
880-2321-18	C-109	Total/NA	Solid	8015B NM	3279
880-2321-19	C-108	Total/NA	Solid	8015B NM	3279
880-2321-20	C-107	Total/NA	Solid	8015B NM	3279
MB 880-3279/1-A	Method Blank	Total/NA	Solid	8015B NM	3279
LCS 880-3279/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3279
LCSD 880-3279/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3279
880-2321-1 MS	C-152 SW 4'	Total/NA	Solid	8015B NM	3279
880-2321-1 MSD	C-152 SW 4'	Total/NA	Solid	8015B NM	3279

HPLC/IC

Leach Batch: 3282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-1	C-152 SW 4'	Soluble	Solid	DI Leach	
880-2321-2	C-136 SW 4'	Soluble	Solid	DI Leach	
880-2321-3	C-135 SW 4'	Soluble	Solid	DI Leach	
880-2321-4	C-130	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

HPLC/IC (Continued)

Leach Batch: 3282 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-5	C-129	Soluble	Solid	DI Leach	
880-2321-6	C-127	Soluble	Solid	DI Leach	
880-2321-7	C-126	Soluble	Solid	DI Leach	
MB 880-3282/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3282/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3282/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2319-A-36-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-2319-A-36-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 3283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-8	C-124	Soluble	Solid	DI Leach	
880-2321-9	C-123	Soluble	Solid	DI Leach	
880-2321-10	C-120	Soluble	Solid	DI Leach	
880-2321-11	C-119	Soluble	Solid	DI Leach	
880-2321-12	C-117	Soluble	Solid	DI Leach	
880-2321-13	C-116	Soluble	Solid	DI Leach	
880-2321-14	C-115	Soluble	Solid	DI Leach	
880-2321-15	C-114	Soluble	Solid	DI Leach	
880-2321-16	C-111	Soluble	Solid	DI Leach	
880-2321-17	C-110	Soluble	Solid	DI Leach	
880-2321-18	C-109	Soluble	Solid	DI Leach	
880-2321-19	C-108	Soluble	Solid	DI Leach	
880-2321-20	C-107	Soluble	Solid	DI Leach	
880-2321-21	C-102	Soluble	Solid	DI Leach	
880-2321-22	C-101	Soluble	Solid	DI Leach	
880-2321-23	C-100	Soluble	Solid	DI Leach	
880-2321-24	C-99	Soluble	Solid	DI Leach	
880-2321-25	C-98	Soluble	Solid	DI Leach	
880-2321-26	C-97	Soluble	Solid	DI Leach	
880-2321-27	C-96	Soluble	Solid	DI Leach	
MB 880-3283/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3283/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3283/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2321-8 MS	C-124	Soluble	Solid	DI Leach	
880-2321-8 MSD	C-124	Soluble	Solid	DI Leach	
880-2321-18 MS	C-109	Soluble	Solid	DI Leach	
880-2321-18 MSD	C-109	Soluble	Solid	DI Leach	

Leach Batch: 3301

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-28	C-93	Soluble	Solid	DI Leach	
880-2321-29	C-92	Soluble	Solid	DI Leach	
880-2321-30	C-91	Soluble	Solid	DI Leach	
880-2321-31	C-90	Soluble	Solid	DI Leach	
880-2321-32	C-89	Soluble	Solid	DI Leach	
880-2321-33	C-88	Soluble	Solid	DI Leach	
880-2321-34	C-87	Soluble	Solid	DI Leach	
880-2321-35	C-86	Soluble	Solid	DI Leach	
880-2321-36	C-83 SW 4'	Soluble	Solid	DI Leach	
MB 880-3301/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

HPLC/IC (Continued)

Leach Batch: 3301 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-3301/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3301/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2321-28 MS	C-93	Soluble	Solid	DI Leach	
880-2321-28 MSD	C-93	Soluble	Solid	DI Leach	

Analysis Batch: 3335

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-1	C-152 SW 4'	Soluble	Solid	300.0	3282
880-2321-2	C-136 SW 4'	Soluble	Solid	300.0	3282
880-2321-3	C-135 SW 4'	Soluble	Solid	300.0	3282
880-2321-4	C-130	Soluble	Solid	300.0	3282
880-2321-5	C-129	Soluble	Solid	300.0	3282
880-2321-6	C-127	Soluble	Solid	300.0	3282
880-2321-7	C-126	Soluble	Solid	300.0	3282
MB 880-3282/1-A	Method Blank	Soluble	Solid	300.0	3282
LCS 880-3282/2-A	Lab Control Sample	Soluble	Solid	300.0	3282
LCSD 880-3282/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3282
880-2319-A-36-D MS	Matrix Spike	Soluble	Solid	300.0	3282
880-2319-A-36-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	3282

Analysis Batch: 3338

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-8	C-124	Soluble	Solid	300.0	3283
880-2321-9	C-123	Soluble	Solid	300.0	3283
880-2321-10	C-120	Soluble	Solid	300.0	3283
880-2321-11	C-119	Soluble	Solid	300.0	3283
880-2321-12	C-117	Soluble	Solid	300.0	3283
880-2321-13	C-116	Soluble	Solid	300.0	3283
880-2321-14	C-115	Soluble	Solid	300.0	3283
880-2321-15	C-114	Soluble	Solid	300.0	3283
880-2321-16	C-111	Soluble	Solid	300.0	3283
880-2321-17	C-110	Soluble	Solid	300.0	3283
880-2321-18	C-109	Soluble	Solid	300.0	3283
880-2321-19	C-108	Soluble	Solid	300.0	3283
880-2321-20	C-107	Soluble	Solid	300.0	3283
880-2321-21	C-102	Soluble	Solid	300.0	3283
880-2321-22	C-101	Soluble	Solid	300.0	3283
880-2321-23	C-100	Soluble	Solid	300.0	3283
880-2321-24	C-99	Soluble	Solid	300.0	3283
880-2321-25	C-98	Soluble	Solid	300.0	3283
880-2321-26	C-97	Soluble	Solid	300.0	3283
880-2321-27	C-96	Soluble	Solid	300.0	3283
MB 880-3283/1-A	Method Blank	Soluble	Solid	300.0	3283
LCS 880-3283/2-A	Lab Control Sample	Soluble	Solid	300.0	3283
LCSD 880-3283/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3283
880-2321-8 MS	C-124	Soluble	Solid	300.0	3283
880-2321-8 MSD	C-124	Soluble	Solid	300.0	3283
880-2321-18 MS	C-109	Soluble	Solid	300.0	3283
880-2321-18 MSD	C-109	Soluble	Solid	300.0	3283

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

HPLC/IC

Leach Batch: 3346

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-37	C-82 SW 4'	Soluble	Solid	DI Leach	
880-2321-38	C-81 SW 4'	Soluble	Solid	DI Leach	
880-2321-39	C-72 SW 4.1'-7'	Soluble	Solid	DI Leach	
880-2321-40	C-69 5'	Soluble	Solid	DI Leach	
MB 880-3346/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3346/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3346/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2321-37 MS	C-82 SW 4'	Soluble	Solid	DI Leach	
880-2321-37 MSD	C-82 SW 4'	Soluble	Solid	DI Leach	

Analysis Batch: 3433

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-28	C-93	Soluble	Solid	300.0	3301
880-2321-29	C-92	Soluble	Solid	300.0	3301
880-2321-30	C-91	Soluble	Solid	300.0	3301
880-2321-31	C-90	Soluble	Solid	300.0	3301
880-2321-32	C-89	Soluble	Solid	300.0	3301
880-2321-33	C-88	Soluble	Solid	300.0	3301
880-2321-34	C-87	Soluble	Solid	300.0	3301
880-2321-35	C-86	Soluble	Solid	300.0	3301
880-2321-36	C-83 SW 4'	Soluble	Solid	300.0	3301
MB 880-3301/1-A	Method Blank	Soluble	Solid	300.0	3301
LCS 880-3301/2-A	Lab Control Sample	Soluble	Solid	300.0	3301
LCSD 880-3301/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3301
880-2321-28 MS	C-93	Soluble	Solid	300.0	3301
880-2321-28 MSD	C-93	Soluble	Solid	300.0	3301

Analysis Batch: 3449

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2321-37	C-82 SW 4'	Soluble	Solid	300.0	3346
880-2321-38	C-81 SW 4'	Soluble	Solid	300.0	3346
880-2321-39	C-72 SW 4.1'-7'	Soluble	Solid	300.0	3346
880-2321-40	C-69 5'	Soluble	Solid	300.0	3346
MB 880-3346/1-A	Method Blank	Soluble	Solid	300.0	3346
LCS 880-3346/2-A	Lab Control Sample	Soluble	Solid	300.0	3346
LCSD 880-3346/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3346
880-2321-37 MS	C-82 SW 4'	Soluble	Solid	300.0	3346
880-2321-37 MSD	C-82 SW 4'	Soluble	Solid	300.0	3346

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-152 SW 4'

Lab Sample ID: 880-2321-1

Date Collected: 05/19/21 09:30

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 13:24	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/21/21 21:15	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3282	05/20/21 13:11	SC	XEN MID
Soluble	Analysis	300.0		1			3335	05/24/21 20:31	CH	XEN MID

Client Sample ID: C-136 SW 4'

Lab Sample ID: 880-2321-2

Date Collected: 05/19/21 09:32

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 13:44	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/21/21 22:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3282	05/20/21 13:11	SC	XEN MID
Soluble	Analysis	300.0		1			3335	05/24/21 20:36	CH	XEN MID

Client Sample ID: C-135 SW 4'

Lab Sample ID: 880-2321-3

Date Collected: 05/19/21 09:34

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 14:05	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/21/21 22:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3282	05/20/21 13:11	SC	XEN MID
Soluble	Analysis	300.0		5			3335	05/24/21 20:41	CH	XEN MID

Client Sample ID: C-130

Lab Sample ID: 880-2321-4

Date Collected: 05/19/21 09:36

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 14:25	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/21/21 23:00	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3282	05/20/21 13:11	SC	XEN MID
Soluble	Analysis	300.0		1			3335	05/24/21 20:46	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-129

Date Collected: 05/19/21 09:38

Date Received: 05/20/21 08:55

Lab Sample ID: 880-2321-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 14:46	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/21/21 23:21	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3282	05/20/21 13:11	SC	XEN MID
Soluble	Analysis	300.0		1			3335	05/24/21 20:51	CH	XEN MID

Client Sample ID: C-127

Date Collected: 05/19/21 09:40

Date Received: 05/20/21 08:55

Lab Sample ID: 880-2321-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 15:06	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/21/21 23:42	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3282	05/20/21 13:11	SC	XEN MID
Soluble	Analysis	300.0		1			3335	05/24/21 20:56	CH	XEN MID

Client Sample ID: C-126

Date Collected: 05/19/21 09:42

Date Received: 05/20/21 08:55

Lab Sample ID: 880-2321-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 15:48	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 00:03	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3282	05/20/21 13:11	SC	XEN MID
Soluble	Analysis	300.0		1			3335	05/24/21 21:01	CH	XEN MID

Client Sample ID: C-124

Date Collected: 05/19/21 09:44

Date Received: 05/20/21 08:55

Lab Sample ID: 880-2321-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 16:09	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 00:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 00:31	CH	XEN MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-123

Date Collected: 05/19/21 09:46

Date Received: 05/20/21 08:55

Lab Sample ID: 880-2321-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 16:29	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 00:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 00:46	CH	XEN MID

Client Sample ID: C-120

Date Collected: 05/19/21 09:48

Date Received: 05/20/21 08:55

Lab Sample ID: 880-2321-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 16:49	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 01:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 00:51	CH	XEN MID

Client Sample ID: C-119

Date Collected: 05/19/21 09:50

Date Received: 05/20/21 08:55

Lab Sample ID: 880-2321-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 18:11	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 01:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 00:56	CH	XEN MID

Client Sample ID: C-117

Date Collected: 05/19/21 09:52

Date Received: 05/20/21 08:55

Lab Sample ID: 880-2321-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 18:32	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 02:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 01:01	CH	XEN MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-116**Lab Sample ID: 880-2321-13****Date Collected: 05/19/21 09:54****Matrix: Solid****Date Received: 05/20/21 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 18:52	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 02:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 01:15	CH	XEN MID

Client Sample ID: C-115**Lab Sample ID: 880-2321-14****Date Collected: 05/19/21 09:56****Matrix: Solid****Date Received: 05/20/21 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 19:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 02:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 01:20	CH	XEN MID

Client Sample ID: C-114**Lab Sample ID: 880-2321-15****Date Collected: 05/19/21 09:58****Matrix: Solid****Date Received: 05/20/21 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 19:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 03:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 01:25	CH	XEN MID

Client Sample ID: C-111**Lab Sample ID: 880-2321-16****Date Collected: 05/19/21 00:00****Matrix: Solid****Date Received: 05/20/21 08:55**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 19:53	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 03:33	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 01:30	CH	XEN MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-110

Lab Sample ID: 880-2321-17

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 20:14	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 03:54	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 01:35	CH	XEN MID

Client Sample ID: C-109

Lab Sample ID: 880-2321-18

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 20:34	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 04:15	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 01:40	CH	XEN MID

Client Sample ID: C-108

Lab Sample ID: 880-2321-19

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 20:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 04:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 01:54	CH	XEN MID

Client Sample ID: C-107

Lab Sample ID: 880-2321-20

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	3251	05/20/21 09:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3265	05/20/21 21:15	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3279	05/20/21 10:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3310	05/22/21 04:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 01:59	CH	XEN MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-102

Lab Sample ID: 880-2321-21

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 15:48	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 16:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 02:14	CH	XEN MID

Client Sample ID: C-101

Lab Sample ID: 880-2321-22

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 16:08	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 18:02	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 02:19	CH	XEN MID

Client Sample ID: C-100

Lab Sample ID: 880-2321-23

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 16:29	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 18:24	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 02:24	CH	XEN MID

Client Sample ID: C-99

Lab Sample ID: 880-2321-24

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 16:50	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 18:46	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 02:29	CH	XEN MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-98

Lab Sample ID: 880-2321-25

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 17:10	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 19:07	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 02:34	CH	XEN MID

Client Sample ID: C-97

Lab Sample ID: 880-2321-26

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 17:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 19:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 02:38	CH	XEN MID

Client Sample ID: C-96

Lab Sample ID: 880-2321-27

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 17:52	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 19:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3283	05/20/21 13:14	SC	XEN MID
Soluble	Analysis	300.0		1			3338	05/25/21 02:43	CH	XEN MID

Client Sample ID: C-93

Lab Sample ID: 880-2321-28

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 18:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 20:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3301	05/20/21 19:23	SC	XEN MID
Soluble	Analysis	300.0		1			3433	05/24/21 21:03	CH	XEN MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-92

Lab Sample ID: 880-2321-29

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 18:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 20:34	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3301	05/20/21 19:23	SC	XEN MID
Soluble	Analysis	300.0		1			3433	05/24/21 21:18	CH	XEN MID

Client Sample ID: C-91

Lab Sample ID: 880-2321-30

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 18:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 20:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3301	05/20/21 19:23	SC	XEN MID
Soluble	Analysis	300.0		1			3433	05/24/21 21:24	CH	XEN MID

Client Sample ID: C-90

Lab Sample ID: 880-2321-31

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 20:17	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 21:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3301	05/20/21 19:23	SC	XEN MID
Soluble	Analysis	300.0		1			3433	05/24/21 21:29	CH	XEN MID

Client Sample ID: C-89

Lab Sample ID: 880-2321-32

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 20:38	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 22:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3301	05/20/21 19:23	SC	XEN MID
Soluble	Analysis	300.0		1			3433	05/24/21 21:34	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-88

Lab Sample ID: 880-2321-33

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 20:59	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 22:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3301	05/20/21 19:23	SC	XEN MID
Soluble	Analysis	300.0		1			3433	05/24/21 21:49	CH	XEN MID

Client Sample ID: C-87

Lab Sample ID: 880-2321-34

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 21:19	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 22:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3301	05/20/21 19:23	SC	XEN MID
Soluble	Analysis	300.0		1			3433	05/24/21 21:55	CH	XEN MID

Client Sample ID: C-86

Lab Sample ID: 880-2321-35

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 21:40	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 23:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3301	05/20/21 19:23	SC	XEN MID
Soluble	Analysis	300.0		1			3433	05/24/21 22:00	CH	XEN MID

Client Sample ID: C-83 SW 4'

Lab Sample ID: 880-2321-36

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 22:01	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		5			3266	05/20/21 23:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3301	05/20/21 19:23	SC	XEN MID
Soluble	Analysis	300.0		10			3433	05/24/21 22:05	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Client Sample ID: C-82 SW 4'

Lab Sample ID: 880-2321-37

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 22:21	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/21/21 00:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3346	05/21/21 11:16	CH	XEN MID
Soluble	Analysis	300.0		1			3449	05/25/21 18:48	CH	XEN MID

Client Sample ID: C-81 SW 4'

Lab Sample ID: 880-2321-38

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 22:42	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3266	05/20/21 23:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	3346	05/21/21 11:16	CH	XEN MID
Soluble	Analysis	300.0		5			3449	05/25/21 19:03	CH	XEN MID

Client Sample ID: C-72 SW 4.1'-7'

Lab Sample ID: 880-2321-39

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 23:03	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		5			3266	05/21/21 00:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3346	05/21/21 11:16	CH	XEN MID
Soluble	Analysis	300.0		10			3449	05/25/21 19:08	CH	XEN MID

Client Sample ID: C-69 5'

Lab Sample ID: 880-2321-40

Date Collected: 05/19/21 00:00

Matrix: Solid

Date Received: 05/20/21 08:55

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3262	05/20/21 09:33	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3268	05/20/21 23:23	KL	XEN MID
Total/NA	Prep	5035			5.01 g	5 mL	3332	05/21/21 15:00	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	3336	05/22/21 13:47	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3280	05/20/21 10:34	DM	XEN MID
Total/NA	Analysis	8015B NM		5			3266	05/21/21 00:52	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3346	05/21/21 11:16	CH	XEN MID
Soluble	Analysis	300.0		5			3449	05/25/21 19:13	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Laboratory References:

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

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Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Eurofins Xenco, Midland

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry SAT 1

Job ID: 880-2321-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-2321-1	C-152 SW 4'	Solid	05/19/21 09:30	05/20/21 08:55	
880-2321-2	C-136 SW 4'	Solid	05/19/21 09:32	05/20/21 08:55	
880-2321-3	C-135 SW 4'	Solid	05/19/21 09:34	05/20/21 08:55	
880-2321-4	C-130	Solid	05/19/21 09:36	05/20/21 08:55	
880-2321-5	C-129	Solid	05/19/21 09:38	05/20/21 08:55	
880-2321-6	C-127	Solid	05/19/21 09:40	05/20/21 08:55	
880-2321-7	C-126	Solid	05/19/21 09:42	05/20/21 08:55	
880-2321-8	C-124	Solid	05/19/21 09:44	05/20/21 08:55	
880-2321-9	C-123	Solid	05/19/21 09:46	05/20/21 08:55	
880-2321-10	C-120	Solid	05/19/21 09:48	05/20/21 08:55	
880-2321-11	C-119	Solid	05/19/21 09:50	05/20/21 08:55	
880-2321-12	C-117	Solid	05/19/21 09:52	05/20/21 08:55	
880-2321-13	C-116	Solid	05/19/21 09:54	05/20/21 08:55	
880-2321-14	C-115	Solid	05/19/21 09:56	05/20/21 08:55	
880-2321-15	C-114	Solid	05/19/21 09:58	05/20/21 08:55	
880-2321-16	C-111	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-17	C-110	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-18	C-109	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-19	C-108	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-20	C-107	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-21	C-102	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-22	C-101	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-23	C-100	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-24	C-99	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-25	C-98	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-26	C-97	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-27	C-96	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-28	C-93	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-29	C-92	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-30	C-91	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-31	C-90	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-32	C-89	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-33	C-88	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-34	C-87	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-35	C-86	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-36	C-83 SW 4'	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-37	C-82 SW 4'	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-38	C-81 SW 4'	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-39	C-72 SW 4.1'-7'	Solid	05/19/21 00:00	05/20/21 08:55	
880-2321-40	C-69 5'	Solid	05/19/21 00:00	05/20/21 08:55	

Eurofins Xenco, Midland

Varson & Associates, Inc.

Environmental Consultants



880-2321 Chain of Custody

PROJECT NO. 19-0180-05

432-687-0901

DATE: 5-19-21

JOB # 19009

LAB WORK ORDER#:

PAGE 1 OF 3

PROJECT LOCATION OR NAME: Bineby SAT 1

LAI PROJECT # 19-0180-05

COLLECTOR: TJ

2321 N° 1480

CHAIN-OF-CUSTODY

Data Reported to

TRRP report? ☐ Yes ☒ No

S=SOIL W=WATER P=PAINT
A=AIR SL=SLUDGE
OT=OTHER

TIME ZONE
Time zone/State
MST

Field
Sample ID

Lab #

Date

Time

Matrix

of Containers

HCl

HNO₃H₂SO₄ ☐ NaOH ☐

ICE

UNPRESERVED

ANALYSES

BTEX/MTBE ☐TPH 418 ☐TPH 1005 ☐TPH 1006 ☐GASOLINE MOD 8015 ☐DIESEL - MOD 8015 ☐OIL - MOD 8015 ☐VOC 8260 ☐SVOC 8270 ☐8081 PESTICIDES ☐8082 PESTICIDES ☐TBLP - METALS (RCRA) ☐TCLP - METALS (RCRA) ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐ROCI ☐TDS ☐TOX ☐FLASHPOINT ☐PH ☐HEXAVALENT CHROMIUM ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐TCLP VOC ☐Semi-VOC ☐OTHER LIST ☐TCLP ☐

FIELD NOTES

Field Sample ID	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO ₃	H ₂ SO ₄ ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES	FIELD NOTES
C-152 SW 4'		5-19-21	0930	S	1						X	
C-136 SW 4'			0932								X	
C-135 SW 4'			0934								X	
C-130			0936								X	
C-129			0938								X	
C-127			0940								X	
C-126			0942								X	
C-124			0944								X	
C-123			0946								X	
C-120			0948								X	
C-119			0950								X	
C-117			0952								X	
C-116			0954								X	
C-115			0956								X	
C-114			0958								X	
TOTAL	15											

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

LABORATORY Xerox

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RECEIVING TEMP

128

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☒ NOT USED

CARRIER BILL #

HAND DELIVERED

[illegible]

[illegible]

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-2321-1

Login Number: 2321

List Number: 1

Creator: Teel, Brianna

List Source: Eurofins Xenco, Midland

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-2535-1

Laboratory Sample Delivery Group: 19-0180-08

Client Project/Site: BLINEBRY SAT #1

For:

Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
6/2/2021 10:21:35 AM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Laboratory Job ID: 880-2535-1
SDG: 19-0180-08

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Job ID: 880-2535-1

Laboratory: Eurofins Xenco, Midland**Narrative**

**Job Narrative
880-2535-1****Receipt**

The samples were received on 5/27/2021 9:50 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 6.0°C

GC VOA

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

GC Semi VOA

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

HPLC/IC

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Client Sample ID: EXP-C-72 10'

Lab Sample ID: 880-2535-1

Date Collected: 05/20/21 07:50

Matrix: Solid

Date Received: 05/27/21 09:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.144		0.101	mg/Kg		05/27/21 10:16	05/27/21 18:45	50
Toluene	0.214		0.101	mg/Kg		05/27/21 10:16	05/27/21 18:45	50
Ethylbenzene	2.99		0.101	mg/Kg		05/27/21 10:16	05/27/21 18:45	50
m-Xylene & p-Xylene	19.8		0.202	mg/Kg		05/27/21 10:16	05/27/21 18:45	50
o-Xylene	9.74		0.101	mg/Kg		05/27/21 10:16	05/27/21 18:45	50
Xylenes, Total	29.5		0.202	mg/Kg		05/27/21 10:16	05/27/21 18:45	50
Total BTEX	32.9		0.202	mg/Kg		05/27/21 10:16	05/27/21 18:45	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	05/27/21 10:16	05/27/21 18:45	50
1,4-Difluorobenzene (Surr)	72		70 - 130	05/27/21 10:16	05/27/21 18:45	50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1340		250	mg/Kg		05/27/21 14:41	05/29/21 07:15	5
Diesel Range Organics (Over C10-C28)	5440		250	mg/Kg		05/27/21 14:41	05/29/21 07:15	5
Oil Range Organics (Over C28-C36)	662		250	mg/Kg		05/27/21 14:41	05/29/21 07:15	5
Total TPH	7440		250	mg/Kg		05/27/21 14:41	05/29/21 07:15	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	05/27/21 14:41	05/29/21 07:15	5
o-Terphenyl	94		70 - 130	05/27/21 14:41	05/29/21 07:15	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1660		25.0	mg/Kg			05/29/21 17:58	5

Client Sample ID: EXP-C-72 13'

Lab Sample ID: 880-2535-2

Date Collected: 05/20/21 07:55

Matrix: Solid

Date Received: 05/27/21 09:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.168		0.100	mg/Kg		05/27/21 10:16	05/27/21 19:06	50
Toluene	1.20		0.100	mg/Kg		05/27/21 10:16	05/27/21 19:06	50
Ethylbenzene	1.91		0.100	mg/Kg		05/27/21 10:16	05/27/21 19:06	50
m-Xylene & p-Xylene	17.8		0.200	mg/Kg		05/27/21 10:16	05/27/21 19:06	50
o-Xylene	3.04		0.100	mg/Kg		05/27/21 10:16	05/27/21 19:06	50
Xylenes, Total	20.8		0.200	mg/Kg		05/27/21 10:16	05/27/21 19:06	50
Total BTEX	24.1		0.200	mg/Kg		05/27/21 10:16	05/27/21 19:06	50

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	05/27/21 10:16	05/27/21 19:06	50
1,4-Difluorobenzene (Surr)	70		70 - 130	05/27/21 10:16	05/27/21 19:06	50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1270		250	mg/Kg		05/27/21 14:41	05/29/21 07:37	5

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Client Sample ID: EXP-C-72 13'

Lab Sample ID: 880-2535-2

Date Collected: 05/20/21 07:55

Matrix: Solid

Date Received: 05/27/21 09:50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	3480		250	mg/Kg		05/27/21 14:41	05/29/21 07:37	5
Oil Range Organics (Over C28-C36)	421		250	mg/Kg		05/27/21 14:41	05/29/21 07:37	5
Total TPH	5170		250	mg/Kg		05/27/21 14:41	05/29/21 07:37	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	05/27/21 14:41	05/29/21 07:37	5
o-Terphenyl	86		70 - 130	05/27/21 14:41	05/29/21 07:37	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	962		5.02	mg/Kg			05/29/21 18:17	1

Client Sample ID: EXP-C-72 16'

Lab Sample ID: 880-2535-3

Date Collected: 05/20/21 08:00

Matrix: Solid

Date Received: 05/27/21 09:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.200	U	0.200	mg/Kg		05/27/21 10:16	05/27/21 19:26	100
Toluene	3.47		0.200	mg/Kg		05/27/21 10:16	05/27/21 19:26	100
Ethylbenzene	3.26		0.200	mg/Kg		05/27/21 10:16	05/27/21 19:26	100
m-Xylene & p-Xylene	19.3		0.399	mg/Kg		05/27/21 10:16	05/27/21 19:26	100
o-Xylene	4.51		0.200	mg/Kg		05/27/21 10:16	05/27/21 19:26	100
Xylenes, Total	23.8		0.399	mg/Kg		05/27/21 10:16	05/27/21 19:26	100
Total BTEX	30.5		0.399	mg/Kg		05/27/21 10:16	05/27/21 19:26	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	05/27/21 10:16	05/27/21 19:26	100
1,4-Difluorobenzene (Surr)	87		70 - 130	05/27/21 10:16	05/27/21 19:26	100

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1770		250	mg/Kg		05/27/21 14:41	05/29/21 07:59	5
Diesel Range Organics (Over C10-C28)	4190		250	mg/Kg		05/27/21 14:41	05/29/21 07:59	5
Oil Range Organics (Over C28-C36)	538		250	mg/Kg		05/27/21 14:41	05/29/21 07:59	5
Total TPH	6500		250	mg/Kg		05/27/21 14:41	05/29/21 07:59	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130	05/27/21 14:41	05/29/21 07:59	5
o-Terphenyl	85		70 - 130	05/27/21 14:41	05/29/21 07:59	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1140		5.00	mg/Kg			05/29/21 18:23	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Client Sample ID: EXP-C-72 19'

Lab Sample ID: 880-2535-4

Date Collected: 05/20/21 08:05

Matrix: Solid

Date Received: 05/27/21 09:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.200	U	0.200	mg/Kg		05/27/21 10:16	05/27/21 19:46	100
Toluene	0.750		0.200	mg/Kg		05/27/21 10:16	05/27/21 19:46	100
Ethylbenzene	8.31		0.200	mg/Kg		05/27/21 10:16	05/27/21 19:46	100
m-Xylene & p-Xylene	27.4		0.400	mg/Kg		05/27/21 10:16	05/27/21 19:46	100
o-Xylene	9.94		0.200	mg/Kg		05/27/21 10:16	05/27/21 19:46	100
Xylenes, Total	37.3		0.400	mg/Kg		05/27/21 10:16	05/27/21 19:46	100
Total BTEX	46.4		0.400	mg/Kg		05/27/21 10:16	05/27/21 19:46	100

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	05/27/21 10:16	05/27/21 19:46	100
1,4-Difluorobenzene (Surr)	79		70 - 130	05/27/21 10:16	05/27/21 19:46	100

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	1370		249	mg/Kg		05/27/21 14:41	05/29/21 08:20	5
Diesel Range Organics (Over C10-C28)	5100		249	mg/Kg		05/27/21 14:41	05/29/21 08:20	5
Oil Range Organics (Over C28-C36)	615		249	mg/Kg		05/27/21 14:41	05/29/21 08:20	5
Total TPH	7090		249	mg/Kg		05/27/21 14:41	05/29/21 08:20	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	124		70 - 130	05/27/21 14:41	05/29/21 08:20	5
o-Terphenyl	88		70 - 130	05/27/21 14:41	05/29/21 08:20	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3030		24.8	mg/Kg			05/29/21 18:30	5

Client Sample ID: S-EXP-1 7'

Lab Sample ID: 880-2535-5

Date Collected: 05/20/21 08:25

Matrix: Solid

Date Received: 05/27/21 09:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		05/27/21 10:16	05/27/21 16:43	1
Toluene	<0.00202	U	0.00202	mg/Kg		05/27/21 10:16	05/27/21 16:43	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		05/27/21 10:16	05/27/21 16:43	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		05/27/21 10:16	05/27/21 16:43	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		05/27/21 10:16	05/27/21 16:43	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		05/27/21 10:16	05/27/21 16:43	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		05/27/21 10:16	05/27/21 16:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/27/21 10:16	05/27/21 16:43	1
1,4-Difluorobenzene (Surr)	99		70 - 130	05/27/21 10:16	05/27/21 16:43	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/27/21 14:41	05/29/21 09:03	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Client Sample ID: S-EXP-1 7'

Lab Sample ID: 880-2535-5

Date Collected: 05/20/21 08:25

Matrix: Solid

Date Received: 05/27/21 09:50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/27/21 14:41	05/29/21 09:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/27/21 14:41	05/29/21 09:03	1
Total TPH	<50.0	U	50.0	mg/Kg		05/27/21 14:41	05/29/21 09:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	119		70 - 130			05/27/21 14:41	05/29/21 09:03	1
o-Terphenyl	114		70 - 130			05/27/21 14:41	05/29/21 09:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	70.9		4.97	mg/Kg			05/29/21 18:36	1

Client Sample ID: S-EXP-1 10'

Lab Sample ID: 880-2535-6

Date Collected: 05/20/21 08:30

Matrix: Solid

Date Received: 05/27/21 09:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/27/21 10:16	05/27/21 17:03	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/27/21 10:16	05/27/21 17:03	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/27/21 10:16	05/27/21 17:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/27/21 10:16	05/27/21 17:03	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/27/21 10:16	05/27/21 17:03	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/27/21 10:16	05/27/21 17:03	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		05/27/21 10:16	05/27/21 17:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130			05/27/21 10:16	05/27/21 17:03	1
1,4-Difluorobenzene (Surr)	101		70 - 130			05/27/21 10:16	05/27/21 17:03	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/27/21 14:41	05/29/21 09:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		05/27/21 14:41	05/29/21 09:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		05/27/21 14:41	05/29/21 09:24	1
Total TPH	<49.9	U	49.9	mg/Kg		05/27/21 14:41	05/29/21 09:24	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	97		70 - 130			05/27/21 14:41	05/29/21 09:24	1
o-Terphenyl	93		70 - 130			05/27/21 14:41	05/29/21 09:24	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.9		4.95	mg/Kg			05/29/21 18:55	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Client Sample ID: W-EXP-2 7'

Lab Sample ID: 880-2535-7

Date Collected: 05/20/21 08:45

Matrix: Solid

Date Received: 05/27/21 09:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0199	U	0.0199	mg/Kg		05/27/21 10:16	05/27/21 18:04	10
Toluene	0.434		0.0199	mg/Kg		05/27/21 10:16	05/27/21 18:04	10
Ethylbenzene	2.55		0.0199	mg/Kg		05/27/21 10:16	05/27/21 18:04	10
m-Xylene & p-Xylene	4.61		0.0398	mg/Kg		05/27/21 10:16	05/27/21 18:04	10
o-Xylene	3.19		0.0199	mg/Kg		05/27/21 10:16	05/27/21 18:04	10
Xylenes, Total	7.80		0.0398	mg/Kg		05/27/21 10:16	05/27/21 18:04	10
Total BTEX	10.8		0.0398	mg/Kg		05/27/21 10:16	05/27/21 18:04	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	180	S1+	70 - 130	05/27/21 10:16	05/27/21 18:04	10
1,4-Difluorobenzene (Surr)	72		70 - 130	05/27/21 10:16	05/27/21 18:04	10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	219		50.0	mg/Kg		05/27/21 14:41	05/29/21 08:41	1
Diesel Range Organics (Over C10-C28)	1160		50.0	mg/Kg		05/27/21 14:41	05/29/21 08:41	1
Oil Range Organics (Over C28-C36)	139		50.0	mg/Kg		05/27/21 14:41	05/29/21 08:41	1
Total TPH	1520		50.0	mg/Kg		05/27/21 14:41	05/29/21 08:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	110		70 - 130	05/27/21 14:41	05/29/21 08:41	1
o-Terphenyl	90		70 - 130	05/27/21 14:41	05/29/21 08:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1950		24.8	mg/Kg			05/29/21 19:01	5

Client Sample ID: W-EXP-2 10'

Lab Sample ID: 880-2535-8

Date Collected: 05/20/21 08:45

Matrix: Solid

Date Received: 05/27/21 09:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.0198	mg/Kg		05/27/21 10:16	05/27/21 18:25	10
Toluene	<0.00198	U	0.0198	mg/Kg		05/27/21 10:16	05/27/21 18:25	10
Ethylbenzene	0.139		0.0198	mg/Kg		05/27/21 10:16	05/27/21 18:25	10
m-Xylene & p-Xylene	0.169		0.0396	mg/Kg		05/27/21 10:16	05/27/21 18:25	10
o-Xylene	0.261		0.0198	mg/Kg		05/27/21 10:16	05/27/21 18:25	10
Xylenes, Total	0.430		0.0396	mg/Kg		05/27/21 10:16	05/27/21 18:25	10
Total BTEX	0.569		0.0396	mg/Kg		05/27/21 10:16	05/27/21 18:25	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	122		70 - 130	05/27/21 10:16	05/27/21 18:25	10
1,4-Difluorobenzene (Surr)	83		70 - 130	05/27/21 10:16	05/27/21 18:25	10

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		05/28/21 13:24	05/29/21 23:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Client Sample ID: W-EXP-2 10'

Lab Sample ID: 880-2535-8

Date Collected: 05/20/21 08:45

Matrix: Solid

Date Received: 05/27/21 09:50

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	466		49.9	mg/Kg		05/28/21 13:24	05/29/21 23:14	1
Oil Range Organics (Over C28-C36)	53.2		49.9	mg/Kg		05/28/21 13:24	05/29/21 23:14	1
Total TPH	519	B	49.9	mg/Kg		05/28/21 13:24	05/29/21 23:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	104		70 - 130	05/28/21 13:24	05/29/21 23:14	1
o-Terphenyl	96		70 - 130	05/28/21 13:24	05/29/21 23:14	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	824		25.2	mg/Kg			05/29/21 19:08	5

Client Sample ID: W-EXP-2 13'

Lab Sample ID: 880-2535-9

Date Collected: 05/20/21 08:55

Matrix: Solid

Date Received: 05/27/21 09:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		05/27/21 10:16	05/27/21 17:24	1
Toluene	<0.00201	U	0.00201	mg/Kg		05/27/21 10:16	05/27/21 17:24	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		05/27/21 10:16	05/27/21 17:24	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		05/27/21 10:16	05/27/21 17:24	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		05/27/21 10:16	05/27/21 17:24	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		05/27/21 10:16	05/27/21 17:24	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		05/27/21 10:16	05/27/21 17:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	05/27/21 10:16	05/27/21 17:24	1
1,4-Difluorobenzene (Surr)	98		70 - 130	05/27/21 10:16	05/27/21 17:24	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/28/21 13:24	05/29/21 23:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/28/21 13:24	05/29/21 23:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/28/21 13:24	05/29/21 23:35	1
Total TPH	<50.0	U	50.0	mg/Kg		05/28/21 13:24	05/29/21 23:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130	05/28/21 13:24	05/29/21 23:35	1
o-Terphenyl	91		70 - 130	05/28/21 13:24	05/29/21 23:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	354		4.98	mg/Kg			05/29/21 19:14	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Client Sample ID: W-EXP-2 16'

Lab Sample ID: 880-2535-10

Date Collected: 05/20/21 09:05

Matrix: Solid

Date Received: 05/27/21 09:50

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/27/21 10:16	05/27/21 17:44	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/27/21 10:16	05/27/21 17:44	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/27/21 10:16	05/27/21 17:44	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		05/27/21 10:16	05/27/21 17:44	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/27/21 10:16	05/27/21 17:44	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		05/27/21 10:16	05/27/21 17:44	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		05/27/21 10:16	05/27/21 17:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130	05/27/21 10:16	05/27/21 17:44	1
1,4-Difluorobenzene (Surr)	100		70 - 130	05/27/21 10:16	05/27/21 17:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/28/21 16:00	05/29/21 02:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/28/21 16:00	05/29/21 02:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/28/21 16:00	05/29/21 02:36	1
Total TPH	<50.0	U	50.0	mg/Kg		05/28/21 16:00	05/29/21 02:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	96		70 - 130	05/28/21 16:00	05/29/21 02:36	1
o-Terphenyl	83		70 - 130	05/28/21 16:00	05/29/21 02:36	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	423		5.03	mg/Kg			05/29/21 19:20	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	BFB1	DFBZ1				
		(70-130)	(70-130)				
880-2535-1	EXP-C-72 10'	119	72				
880-2535-2	EXP-C-72 13'	100	70				
880-2535-3	EXP-C-72 16'	107	87				
880-2535-4	EXP-C-72 19'	122	79				
880-2535-5	S-EXP-1 7'	109	99				
880-2535-5 MS	S-EXP-1 7'	110	97				
880-2535-5 MSD	S-EXP-1 7'	111	89				
880-2535-6	S-EXP-1 10'	119	101				
880-2535-7	W-EXP-2 7'	180 S1+	72				
880-2535-8	W-EXP-2 10'	122	83				
880-2535-9	W-EXP-2 13'	117	98				
880-2535-10	W-EXP-2 16'	116	100				
LCS 880-3566/1-A	Lab Control Sample	108	96				
LCSD 880-3566/2-A	Lab Control Sample Dup	108	94				
MB 880-3566/5-A	Method Blank	109	93				
Surrogate Legend							
BFB = 4-Bromofluorobenzene (Surr)							
DFBZ = 1,4-Difluorobenzene (Surr)							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-2535-1	EXP-C-72 10'	124	94				
880-2535-2	EXP-C-72 13'	110	86				
880-2535-3	EXP-C-72 16'	112	85				
880-2535-4	EXP-C-72 19'	124	88				
880-2535-5	S-EXP-1 7'	119	114				
880-2535-6	S-EXP-1 10'	97	93				
880-2535-7	W-EXP-2 7'	110	90				
880-2535-8	W-EXP-2 10'	104	96				
880-2535-9	W-EXP-2 13'	95	91				
880-2535-10	W-EXP-2 16'	96	83				
880-2575-A-1-F MS	Matrix Spike	101	84				
880-2575-A-1-G MSD	Matrix Spike Duplicate	98	83				
890-726-A-1-D MS	Matrix Spike	91	71				
890-726-A-1-E MSD	Matrix Spike Duplicate	93	74				
890-732-A-1-E MS	Matrix Spike	91	78				
890-732-A-1-F MSD	Matrix Spike Duplicate	91	79				
LCS 880-3559/2-A	Lab Control Sample	96	79				
LCS 880-3586/2-A	Lab Control Sample	100	89				
LCS 880-3622/2-A	Lab Control Sample	111	94				
LCSD 880-3559/3-A	Lab Control Sample Dup	96	83				
LCSD 880-3586/3-A	Lab Control Sample Dup	99	88				
LCSD 880-3622/3-A	Lab Control Sample Dup	109	94				
MB 880-3559/1-A	Method Blank	95	82				
MB 880-3586/1-A	Method Blank	101	98				

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Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
MB 880-3622/1-A	Method Blank	110	107
Surrogate Legend			
1CO = 1-Chlorooctane			
OTPH = o-Terphenyl			

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3566/5-A

Matrix: Solid

Analysis Batch: 3568

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3566

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		05/27/21 10:16	05/27/21 16:14	1
Toluene	<0.00200	U	0.00200	mg/Kg		05/27/21 10:16	05/27/21 16:14	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		05/27/21 10:16	05/27/21 16:14	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		05/27/21 10:16	05/27/21 16:14	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		05/27/21 10:16	05/27/21 16:14	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		05/27/21 10:16	05/27/21 16:14	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		05/27/21 10:16	05/27/21 16:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	05/27/21 10:16	05/27/21 16:14	1
1,4-Difluorobenzene (Surr)	93		70 - 130	05/27/21 10:16	05/27/21 16:14	1

Lab Sample ID: LCS 880-3566/1-A

Matrix: Solid

Analysis Batch: 3568

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3566

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09632		mg/Kg		96	70 - 130
Toluene	0.100	0.1167		mg/Kg		117	70 - 130
Ethylbenzene	0.100	0.1190		mg/Kg		119	70 - 130
m-Xylene & p-Xylene	0.200	0.2470		mg/Kg		123	70 - 130
o-Xylene	0.100	0.1230		mg/Kg		123	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-3566/2-A

Matrix: Solid

Analysis Batch: 3568

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3566

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.09201		mg/Kg		92	70 - 130	5	35
Toluene	0.100	0.1148		mg/Kg		115	70 - 130	2	35
Ethylbenzene	0.100	0.1166		mg/Kg		117	70 - 130	2	35
m-Xylene & p-Xylene	0.200	0.2400		mg/Kg		120	70 - 130	3	35
o-Xylene	0.100	0.1191		mg/Kg		119	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-2535-5 MS

Matrix: Solid

Analysis Batch: 3568

Client Sample ID: S-EXP-1 7'

Prep Type: Total/NA

Prep Batch: 3566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.0998	0.09505		mg/Kg		95	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

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

Lab Sample ID: 880-2535-5 MS

Matrix: Solid

Analysis Batch: 3568

Client Sample ID: S-EXP-1 7'

Prep Type: Total/NA

Prep Batch: 3566

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00202	U	0.0998	0.1091		mg/Kg		109	70 - 130
Ethylbenzene	<0.00202	U	0.0998	0.1112		mg/Kg		111	70 - 130
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2302		mg/Kg		115	70 - 130
o-Xylene	<0.00202	U	0.0998	0.1145		mg/Kg		115	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
4-Bromofluorobenzene (Surr)	110		70 - 130						
1,4-Difluorobenzene (Surr)	97		70 - 130						

Lab Sample ID: 880-2535-5 MSD

Matrix: Solid

Analysis Batch: 3568

Client Sample ID: S-EXP-1 7'

Prep Type: Total/NA

Prep Batch: 3566

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.100	0.08406		mg/Kg		84	70 - 130	12	35
Toluene	<0.00202	U	0.100	0.1080		mg/Kg		108	70 - 130	1	35
Ethylbenzene	<0.00202	U	0.100	0.1117		mg/Kg		111	70 - 130	0	35
m-Xylene & p-Xylene	<0.00403	U	0.200	0.2345		mg/Kg		117	70 - 130	2	35
o-Xylene	<0.00202	U	0.100	0.1170		mg/Kg		117	70 - 130	2	35
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
4-Bromofluorobenzene (Surr)	111		70 - 130								
1,4-Difluorobenzene (Surr)	89		70 - 130								

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

Lab Sample ID: MB 880-3559/1-A

Matrix: Solid

Analysis Batch: 3614

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3559

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/27/21 08:52	05/29/21 00:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/27/21 08:52	05/29/21 00:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/27/21 08:52	05/29/21 00:28	1
Total TPH	<50.0	U	50.0	mg/Kg		05/27/21 08:52	05/29/21 00:28	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	95		70 - 130			05/27/21 08:52	05/29/21 00:28	1
o-Terphenyl	82		70 - 130			05/27/21 08:52	05/29/21 00:28	1

Lab Sample ID: LCS 880-3559/2-A

Matrix: Solid

Analysis Batch: 3614

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3559

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	781.4		mg/Kg		78	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

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

Lab Sample ID: LCS 880-3559/2-A

Matrix: Solid

Analysis Batch: 3614

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3559

			Spike	LCS	LCS				%Rec.		
Analyte			Added	Result	Qualifier	Unit	D	%Rec	Limits		
Diesel Range Organics (Over C10-C28)			1000	865.3		mg/Kg		87	70 - 130		
			LCS		LCS						
Surrogate	%Recovery	Qualifier	Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	79		70 - 130								

Lab Sample ID: LCSD 880-3559/3-A

Matrix: Solid

Analysis Batch: 3614

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3559

Top Data: 0000											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10			1000	776.6		mg/Kg		78	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	890.0		mg/Kg		89	70 - 130	3	20
Surrogate	%Recovery	LCSD Qualifier	LCSD Limits								
1-Chlorooctane	96		70 - 130								
o-Terphenyl	83		70 - 130								

Lab Sample ID: 890-726-A-1-D MS

Matrix: Solid

Analysis Batch: 3614

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3559

	Sample	Sample	Spike	MS	MS				%Rec.		
Analyte	Result	Qualifier	Added	Result	Qualifier	Unit	D	%Rec	Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	831.7		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	935.2		mg/Kg		92	70 - 130		

Lab Sample ID: 890-726-A-1-E MSD

Matrix: Solid

Analysis Batch: 3614

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3559

Trip Data: 0000											
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	840.9		mg/Kg		84	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	977.7		mg/Kg		96	70 - 130	4	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	93		70 - 130								
o-Terphenyl	74		70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

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

Lab Sample ID: MB 880-3586/1-A

Matrix: Solid

Analysis Batch: 3616

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3586

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		05/27/21 14:41	05/29/21 00:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/27/21 14:41	05/29/21 00:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/27/21 14:41	05/29/21 00:28	1
Total TPH	<50.0	U	50.0	mg/Kg		05/27/21 14:41	05/29/21 00:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	05/27/21 14:41	05/29/21 00:28	1
o-Terphenyl	98		70 - 130	05/27/21 14:41	05/29/21 00:28	1

Lab Sample ID: LCS 880-3586/2-A

Matrix: Solid

Analysis Batch: 3616

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3586

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	888.8		mg/Kg		89	70 - 130
Diesel Range Organics (Over C10-C28)	1000	945.8		mg/Kg		95	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	100		70 - 130
o-Terphenyl	89		70 - 130

Lab Sample ID: LCSD 880-3586/3-A

Matrix: Solid

Analysis Batch: 3616

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3586

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	891.8		mg/Kg		89	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	1000	937.7		mg/Kg		94	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	99		70 - 130
o-Terphenyl	88		70 - 130

Lab Sample ID: 890-732-A-1-E MS

Matrix: Solid

Analysis Batch: 3616

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3586

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	896.6		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	74.3		996	888.6		mg/Kg		82	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

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

Lab Sample ID: 890-732-A-1-E MS

Matrix: Solid

Analysis Batch: 3616

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3586

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	78		70 - 130

Lab Sample ID: 890-732-A-1-F MSD

Matrix: Solid

Analysis Batch: 3616

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3586

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	874.8		mg/Kg		84	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	74.3		996	903.8		mg/Kg		83	70 - 130	2	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	91		70 - 130
o-Terphenyl	79		70 - 130

Lab Sample ID: MB 880-3622/1-A

Matrix: Solid

Analysis Batch: 3665

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3622

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	270.2		50.0	mg/Kg		05/28/21 13:24	05/29/21 14:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		05/28/21 13:24	05/29/21 14:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		05/28/21 13:24	05/29/21 14:42	1
Total TPH	270.2		50.0	mg/Kg		05/28/21 13:24	05/29/21 14:42	1

	MB	MB		Prepared	Analyzed	Dil Fac
Surrogate	%Recovery	Qualifier	Limits			
1-Chlorooctane	110		70 - 130	05/28/21 13:24	05/29/21 14:42	1
o-Terphenyl	107		70 - 130	05/28/21 13:24	05/29/21 14:42	1

Lab Sample ID: LCS 880-3622/2-A

Matrix: Solid

Analysis Batch: 3665

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3622

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1023		mg/Kg		102	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1172		mg/Kg		117	70 - 130

	LCS	LCS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane	111		70 - 130
o-Terphenyl	94		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

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

Lab Sample ID: LCSD 880-3622/3-A

Matrix: Solid

Analysis Batch: 3665

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3622

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	999.1		mg/Kg		100	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	1000	1165		mg/Kg		116	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	109		70 - 130						
o-Terphenyl	94		70 - 130						

Lab Sample ID: 880-2575-A-1-F MS

Matrix: Solid

Analysis Batch: 3665

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3622

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	953.5		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1147		mg/Kg		115	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	101		70 - 130								
o-Terphenyl	84		70 - 130								

Lab Sample ID: 880-2575-A-1-G MSD

Matrix: Solid

Analysis Batch: 3665

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3622

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	974.3		mg/Kg		95	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1128		mg/Kg		113	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	83		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3573/1-A

Matrix: Solid

Analysis Batch: 3640

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			05/29/21 17:39	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-3573/2-A

Matrix: Solid

Analysis Batch: 3640

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	252.2		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-3573/3-A

Matrix: Solid

Analysis Batch: 3640

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	251.9		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-2535-1 MS

Matrix: Solid

Analysis Batch: 3640

Client Sample ID: EXP-C-72 10'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	1660		1250	2996		mg/Kg		107	90 - 110		

Lab Sample ID: 880-2535-1 MSD

Matrix: Solid

Analysis Batch: 3640

Client Sample ID: EXP-C-72 10'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	1660		1250	3001		mg/Kg		107	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

GC VOA

Prep Batch: 3566

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-1	EXP-C-72 10'	Total/NA	Solid	5035	
880-2535-2	EXP-C-72 13'	Total/NA	Solid	5035	
880-2535-3	EXP-C-72 16'	Total/NA	Solid	5035	
880-2535-4	EXP-C-72 19'	Total/NA	Solid	5035	
880-2535-5	S-EXP-1 7'	Total/NA	Solid	5035	
880-2535-6	S-EXP-1 10'	Total/NA	Solid	5035	
880-2535-7	W-EXP-2 7'	Total/NA	Solid	5035	
880-2535-8	W-EXP-2 10'	Total/NA	Solid	5035	
880-2535-9	W-EXP-2 13'	Total/NA	Solid	5035	
880-2535-10	W-EXP-2 16'	Total/NA	Solid	5035	
MB 880-3566/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3566/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3566/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2535-5 MS	S-EXP-1 7'	Total/NA	Solid	5035	
880-2535-5 MSD	S-EXP-1 7'	Total/NA	Solid	5035	

Analysis Batch: 3568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-1	EXP-C-72 10'	Total/NA	Solid	8021B	3566
880-2535-2	EXP-C-72 13'	Total/NA	Solid	8021B	3566
880-2535-3	EXP-C-72 16'	Total/NA	Solid	8021B	3566
880-2535-4	EXP-C-72 19'	Total/NA	Solid	8021B	3566
880-2535-5	S-EXP-1 7'	Total/NA	Solid	8021B	3566
880-2535-6	S-EXP-1 10'	Total/NA	Solid	8021B	3566
880-2535-7	W-EXP-2 7'	Total/NA	Solid	8021B	3566
880-2535-8	W-EXP-2 10'	Total/NA	Solid	8021B	3566
880-2535-9	W-EXP-2 13'	Total/NA	Solid	8021B	3566
880-2535-10	W-EXP-2 16'	Total/NA	Solid	8021B	3566
MB 880-3566/5-A	Method Blank	Total/NA	Solid	8021B	3566
LCS 880-3566/1-A	Lab Control Sample	Total/NA	Solid	8021B	3566
LCSD 880-3566/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3566
880-2535-5 MS	S-EXP-1 7'	Total/NA	Solid	8021B	3566
880-2535-5 MSD	S-EXP-1 7'	Total/NA	Solid	8021B	3566

GC Semi VOA

Prep Batch: 3559

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-10	W-EXP-2 16'	Total/NA	Solid	8015NM Prep	
MB 880-3559/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3559/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3559/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-726-A-1-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-726-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 3586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-1	EXP-C-72 10'	Total/NA	Solid	8015NM Prep	
880-2535-2	EXP-C-72 13'	Total/NA	Solid	8015NM Prep	
880-2535-3	EXP-C-72 16'	Total/NA	Solid	8015NM Prep	
880-2535-4	EXP-C-72 19'	Total/NA	Solid	8015NM Prep	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

GC Semi VOA (Continued)

Prep Batch: 3586 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-5	S-EXP-1 7'	Total/NA	Solid	8015NM Prep	
880-2535-6	S-EXP-1 10'	Total/NA	Solid	8015NM Prep	
880-2535-7	W-EXP-2 7'	Total/NA	Solid	8015NM Prep	
MB 880-3586/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3586/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3586/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-732-A-1-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-732-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 3614

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-10	W-EXP-2 16'	Total/NA	Solid	8015B NM	3559
MB 880-3559/1-A	Method Blank	Total/NA	Solid	8015B NM	3559
LCS 880-3559/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3559
LCSD 880-3559/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3559
890-726-A-1-D MS	Matrix Spike	Total/NA	Solid	8015B NM	3559
890-726-A-1-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	3559

Analysis Batch: 3616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-1	EXP-C-72 10'	Total/NA	Solid	8015B NM	3586
880-2535-2	EXP-C-72 13'	Total/NA	Solid	8015B NM	3586
880-2535-3	EXP-C-72 16'	Total/NA	Solid	8015B NM	3586
880-2535-4	EXP-C-72 19'	Total/NA	Solid	8015B NM	3586
880-2535-5	S-EXP-1 7'	Total/NA	Solid	8015B NM	3586
880-2535-6	S-EXP-1 10'	Total/NA	Solid	8015B NM	3586
880-2535-7	W-EXP-2 7'	Total/NA	Solid	8015B NM	3586
MB 880-3586/1-A	Method Blank	Total/NA	Solid	8015B NM	3586
LCS 880-3586/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3586
LCSD 880-3586/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3586
890-732-A-1-E MS	Matrix Spike	Total/NA	Solid	8015B NM	3586
890-732-A-1-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	3586

Prep Batch: 3622

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-8	W-EXP-2 10'	Total/NA	Solid	8015NM Prep	
880-2535-9	W-EXP-2 13'	Total/NA	Solid	8015NM Prep	
MB 880-3622/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3622/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3622/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-2575-A-1-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-2575-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 3665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-8	W-EXP-2 10'	Total/NA	Solid	8015B NM	3622
880-2535-9	W-EXP-2 13'	Total/NA	Solid	8015B NM	3622
MB 880-3622/1-A	Method Blank	Total/NA	Solid	8015B NM	3622
LCS 880-3622/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3622
LCSD 880-3622/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3622
880-2575-A-1-F MS	Matrix Spike	Total/NA	Solid	8015B NM	3622

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

GC Semi VOA (Continued)

Analysis Batch: 3665 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2575-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	3622

HPLC/IC

Leach Batch: 3573

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-1	EXP-C-72 10'	Soluble	Solid	DI Leach	
880-2535-2	EXP-C-72 13'	Soluble	Solid	DI Leach	
880-2535-3	EXP-C-72 16'	Soluble	Solid	DI Leach	
880-2535-4	EXP-C-72 19'	Soluble	Solid	DI Leach	
880-2535-5	S-EXP-1 7'	Soluble	Solid	DI Leach	
880-2535-6	S-EXP-1 10'	Soluble	Solid	DI Leach	
880-2535-7	W-EXP-2 7'	Soluble	Solid	DI Leach	
880-2535-8	W-EXP-2 10'	Soluble	Solid	DI Leach	
880-2535-9	W-EXP-2 13'	Soluble	Solid	DI Leach	
880-2535-10	W-EXP-2 16'	Soluble	Solid	DI Leach	
MB 880-3573/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3573/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3573/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2535-1 MS	EXP-C-72 10'	Soluble	Solid	DI Leach	
880-2535-1 MSD	EXP-C-72 10'	Soluble	Solid	DI Leach	

Analysis Batch: 3640

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2535-1	EXP-C-72 10'	Soluble	Solid	300.0	3573
880-2535-2	EXP-C-72 13'	Soluble	Solid	300.0	3573
880-2535-3	EXP-C-72 16'	Soluble	Solid	300.0	3573
880-2535-4	EXP-C-72 19'	Soluble	Solid	300.0	3573
880-2535-5	S-EXP-1 7'	Soluble	Solid	300.0	3573
880-2535-6	S-EXP-1 10'	Soluble	Solid	300.0	3573
880-2535-7	W-EXP-2 7'	Soluble	Solid	300.0	3573
880-2535-8	W-EXP-2 10'	Soluble	Solid	300.0	3573
880-2535-9	W-EXP-2 13'	Soluble	Solid	300.0	3573
880-2535-10	W-EXP-2 16'	Soluble	Solid	300.0	3573
MB 880-3573/1-A	Method Blank	Soluble	Solid	300.0	3573
LCS 880-3573/2-A	Lab Control Sample	Soluble	Solid	300.0	3573
LCSD 880-3573/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3573
880-2535-1 MS	EXP-C-72 10'	Soluble	Solid	300.0	3573
880-2535-1 MSD	EXP-C-72 10'	Soluble	Solid	300.0	3573

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Client Sample ID: EXP-C-72 10'

Lab Sample ID: 880-2535-1

Date Collected: 05/20/21 07:50

Matrix: Solid

Date Received: 05/27/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3566	05/27/21 10:16	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	3568	05/27/21 18:45	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3586	05/27/21 14:41	DM	XEN MID
Total/NA	Analysis	8015B NM		5			3616	05/29/21 07:15	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3573	05/27/21 11:36	CH	XEN MID
Soluble	Analysis	300.0		5			3640	05/29/21 17:58	SC	XEN MID

Client Sample ID: EXP-C-72 13'

Lab Sample ID: 880-2535-2

Date Collected: 05/20/21 07:55

Matrix: Solid

Date Received: 05/27/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	3566	05/27/21 10:16	MR	XEN MID
Total/NA	Analysis	8021B		50	5 mL	5 mL	3568	05/27/21 19:06	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3586	05/27/21 14:41	DM	XEN MID
Total/NA	Analysis	8015B NM		5			3616	05/29/21 07:37	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3573	05/27/21 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			3640	05/29/21 18:17	SC	XEN MID

Client Sample ID: EXP-C-72 16'

Lab Sample ID: 880-2535-3

Date Collected: 05/20/21 08:00

Matrix: Solid

Date Received: 05/27/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	3566	05/27/21 10:16	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	3568	05/27/21 19:26	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	3586	05/27/21 14:41	DM	XEN MID
Total/NA	Analysis	8015B NM		5			3616	05/29/21 07:59	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3573	05/27/21 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			3640	05/29/21 18:23	SC	XEN MID

Client Sample ID: EXP-C-72 19'

Lab Sample ID: 880-2535-4

Date Collected: 05/20/21 08:05

Matrix: Solid

Date Received: 05/27/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3566	05/27/21 10:16	MR	XEN MID
Total/NA	Analysis	8021B		100	5 mL	5 mL	3568	05/27/21 19:46	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3586	05/27/21 14:41	DM	XEN MID
Total/NA	Analysis	8015B NM		5			3616	05/29/21 08:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3573	05/27/21 11:36	CH	XEN MID
Soluble	Analysis	300.0		5			3640	05/29/21 18:30	SC	XEN MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Client Sample ID: S-EXP-1 7'

Lab Sample ID: 880-2535-5

Date Collected: 05/20/21 08:25

Matrix: Solid

Date Received: 05/27/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	3566	05/27/21 10:16	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3568	05/27/21 16:43	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3586	05/27/21 14:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3616	05/29/21 09:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	3573	05/27/21 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			3640	05/29/21 18:36	SC	XEN MID

Client Sample ID: S-EXP-1 10'

Lab Sample ID: 880-2535-6

Date Collected: 05/20/21 08:30

Matrix: Solid

Date Received: 05/27/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	3566	05/27/21 10:16	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3568	05/27/21 17:03	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3586	05/27/21 14:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3616	05/29/21 09:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3573	05/27/21 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			3640	05/29/21 18:55	SC	XEN MID

Client Sample ID: W-EXP-2 7'

Lab Sample ID: 880-2535-7

Date Collected: 05/20/21 08:45

Matrix: Solid

Date Received: 05/27/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	3566	05/27/21 10:16	MR	XEN MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	3568	05/27/21 18:04	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3586	05/27/21 14:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3616	05/29/21 08:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	3573	05/27/21 11:36	CH	XEN MID
Soluble	Analysis	300.0		5			3640	05/29/21 19:01	SC	XEN MID

Client Sample ID: W-EXP-2 10'

Lab Sample ID: 880-2535-8

Date Collected: 05/20/21 08:45

Matrix: Solid

Date Received: 05/27/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	3566	05/27/21 10:16	MR	XEN MID
Total/NA	Analysis	8021B		10	5 mL	5 mL	3568	05/27/21 18:25	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3622	05/28/21 13:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3665	05/29/21 23:14	AM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	3573	05/27/21 11:36	CH	XEN MID
Soluble	Analysis	300.0		5			3640	05/29/21 19:08	SC	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Client Sample ID: W-EXP-2 13'

Lab Sample ID: 880-2535-9

Date Collected: 05/20/21 08:55

Matrix: Solid

Date Received: 05/27/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	3566	05/27/21 10:16	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3568	05/27/21 17:24	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3622	05/28/21 13:24	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3665	05/29/21 23:35	AM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3573	05/27/21 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			3640	05/29/21 19:14	SC	XEN MID

Client Sample ID: W-EXP-2 16'

Lab Sample ID: 880-2535-10

Date Collected: 05/20/21 09:05

Matrix: Solid

Date Received: 05/27/21 09:50

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	3566	05/27/21 10:16	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3568	05/27/21 17:44	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3559	05/28/21 16:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3614	05/29/21 02:36	AM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	3573	05/27/21 11:36	CH	XEN MID
Soluble	Analysis	300.0		1			3640	05/29/21 19:20	SC	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: BLINEBRY SAT #1

Job ID: 880-2535-1
SDG: 19-0180-08

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-2535-1	EXP-C-72 10'	Solid	05/20/21 07:50	05/27/21 09:50	
880-2535-2	EXP-C-72 13'	Solid	05/20/21 07:55	05/27/21 09:50	
880-2535-3	EXP-C-72 16'	Solid	05/20/21 08:00	05/27/21 09:50	
880-2535-4	EXP-C-72 19'	Solid	05/20/21 08:05	05/27/21 09:50	
880-2535-5	S-EXP-1 7'	Solid	05/20/21 08:25	05/27/21 09:50	
880-2535-6	S-EXP-1 10'	Solid	05/20/21 08:30	05/27/21 09:50	
880-2535-7	W-EXP-2 7'	Solid	05/20/21 08:45	05/27/21 09:50	
880-2535-8	W-EXP-2 10'	Solid	05/20/21 08:45	05/27/21 09:50	
880-2535-9	W-EXP-2 13'	Solid	05/20/21 08:55	05/27/21 09:50	
880-2535-10	W-EXP-2 16'	Solid	05/20/21 09:05	05/27/21 09:50	

CHAIN-OF-CUSTODY

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-2535-1

SDG Number: 19-0180-08

Login Number: 2535

List Number: 1

Creator: Phillips, Kerianna

List Source: Eurofins Xenco, Midland

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-2934-1

Laboratory Sample Delivery Group: 19-0180-08

Client Project/Site: Blinebry

For:

Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
6/15/2021 9:44:44 AM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Laboratory Job ID: 880-2934-1
SDG: 19-0180-08

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

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

Glossary

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

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Job ID: 880-2934-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-2934-1****Comments**

No additional comments.

Receipt

The samples were received on 6/10/2021 8:41 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8° C.

GC VOA

Method 8021B: Internal standard responses were outside of acceptance limits for the following sample: C-135 (880-2934-1). The sample(s) shows evidence of matrix interference.

Method 8021B: The following samples were diluted due to the nature of the sample matrix: C-82 Discrete (880-2934-5), C-10 (880-2934-6) and C-81 (880-2934-7) at 20.0, 20.0 and 20.0. Elevated reporting limits (RLs) are provided.

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

GC Semi VOA

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Client Sample ID: C-135

Lab Sample ID: 880-2934-1

Date Collected: 06/08/21 11:00

Matrix: Solid

Date Received: 06/10/21 08:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/10/21 09:11	06/10/21 20:45	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/10/21 09:11	06/10/21 20:45	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/10/21 09:11	06/10/21 20:45	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		06/10/21 09:11	06/10/21 20:45	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/10/21 09:11	06/10/21 20:45	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/10/21 09:11	06/10/21 20:45	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		06/10/21 09:11	06/10/21 20:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	06/10/21 09:11	06/10/21 20:45	1
1,4-Difluorobenzene (Surr)	96		70 - 130	06/10/21 09:11	06/10/21 20:45	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/10/21 10:00	06/10/21 15:38	1
Diesel Range Organics (Over C10-C28)	211		49.9	mg/Kg		06/10/21 10:00	06/10/21 15:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/10/21 10:00	06/10/21 15:38	1
Total TPH	211		49.9	mg/Kg		06/10/21 10:00	06/10/21 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	108		70 - 130	06/10/21 10:00	06/10/21 15:38	1
o-Terphenyl	110		70 - 130	06/10/21 10:00	06/10/21 15:38	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	753		5.05	mg/Kg			06/11/21 23:06	1

Client Sample ID: C-83

Lab Sample ID: 880-2934-2

Date Collected: 06/08/21 11:16

Matrix: Solid

Date Received: 06/10/21 08:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		06/10/21 09:11	06/10/21 21:05	1
Toluene	<0.00198	U	0.00198	mg/Kg		06/10/21 09:11	06/10/21 21:05	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		06/10/21 09:11	06/10/21 21:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		06/10/21 09:11	06/10/21 21:05	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		06/10/21 09:11	06/10/21 21:05	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		06/10/21 09:11	06/10/21 21:05	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		06/10/21 09:11	06/10/21 21:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	06/10/21 09:11	06/10/21 21:05	1
1,4-Difluorobenzene (Surr)	99		70 - 130	06/10/21 09:11	06/10/21 21:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/10/21 10:00	06/10/21 15:59	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Client Sample ID: C-83

Lab Sample ID: 880-2934-2

Date Collected: 06/08/21 11:16

Matrix: Solid

Date Received: 06/10/21 08:41

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/10/21 10:00	06/10/21 15:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/10/21 10:00	06/10/21 15:59	1
Total TPH	<49.9	U	49.9	mg/Kg		06/10/21 10:00	06/10/21 15:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130			06/10/21 10:00	06/10/21 15:59	1
o-Terphenyl	113		70 - 130			06/10/21 10:00	06/10/21 15:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	147		4.98	mg/Kg			06/11/21 23:11	1

Client Sample ID: C-82

Lab Sample ID: 880-2934-3

Date Collected: 06/08/21 11:20

Matrix: Solid

Date Received: 06/10/21 08:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		06/10/21 09:11	06/10/21 21:26	1
Toluene	<0.00199	U	0.00199	mg/Kg		06/10/21 09:11	06/10/21 21:26	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		06/10/21 09:11	06/10/21 21:26	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		06/10/21 09:11	06/10/21 21:26	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		06/10/21 09:11	06/10/21 21:26	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		06/10/21 09:11	06/10/21 21:26	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		06/10/21 09:11	06/10/21 21:26	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130			06/10/21 09:11	06/10/21 21:26	1
1,4-Difluorobenzene (Surr)	100		70 - 130			06/10/21 09:11	06/10/21 21:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		06/10/21 10:00	06/10/21 16:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		06/10/21 10:00	06/10/21 16:20	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		06/10/21 10:00	06/10/21 16:20	1
Total TPH	<49.9	U	49.9	mg/Kg		06/10/21 10:00	06/10/21 16:20	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130			06/10/21 10:00	06/10/21 16:20	1
o-Terphenyl	89		70 - 130			06/10/21 10:00	06/10/21 16:20	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	238		5.00	mg/Kg			06/11/21 23:16	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Client Sample ID: C-135 Discrete

Lab Sample ID: 880-2934-4

Date Collected: 06/08/21 10:45

Matrix: Solid

Date Received: 06/10/21 08:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0400	U	0.0400	mg/Kg		06/10/21 13:13	06/11/21 09:11	20
Toluene	0.206		0.0400	mg/Kg		06/10/21 13:13	06/11/21 09:11	20
Ethylbenzene	2.59		0.0400	mg/Kg		06/10/21 13:13	06/11/21 09:11	20
m-Xylene & p-Xylene	4.10		0.0800	mg/Kg		06/10/21 13:13	06/11/21 09:11	20
o-Xylene	3.54		0.0400	mg/Kg		06/10/21 13:13	06/11/21 09:11	20
Xylenes, Total	7.64		0.0800	mg/Kg		06/10/21 13:13	06/11/21 09:11	20
Total BTEX	10.4		0.0800	mg/Kg		06/10/21 13:13	06/11/21 09:11	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	185	S1+	70 - 130	06/10/21 13:13	06/11/21 09:11	20
1,4-Difluorobenzene (Surr)	98		70 - 130	06/10/21 13:13	06/11/21 09:11	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	610		250	mg/Kg		06/10/21 10:00	06/10/21 18:09	5
Diesel Range Organics (Over C10-C28)	5690		250	mg/Kg		06/10/21 10:00	06/10/21 18:09	5
Oil Range Organics (Over C28-C36)	678		250	mg/Kg		06/10/21 10:00	06/10/21 18:09	5
Total TPH	6980		250	mg/Kg		06/10/21 10:00	06/10/21 18:09	5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	125		70 - 130	06/10/21 10:00	06/10/21 18:09	5
o-Terphenyl	102		70 - 130	06/10/21 10:00	06/10/21 18:09	5

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	496		5.00	mg/Kg			06/11/21 23:21	1

Client Sample ID: C-82 Discrete

Lab Sample ID: 880-2934-5

Date Collected: 06/08/21 10:50

Matrix: Solid

Date Received: 06/10/21 08:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0400	U	0.0400	mg/Kg		06/10/21 13:13	06/11/21 09:31	20
Toluene	0.0933		0.0400	mg/Kg		06/10/21 13:13	06/11/21 09:31	20
Ethylbenzene	0.447		0.0400	mg/Kg		06/10/21 13:13	06/11/21 09:31	20
m-Xylene & p-Xylene	0.273		0.0800	mg/Kg		06/10/21 13:13	06/11/21 09:31	20
o-Xylene	0.407		0.0400	mg/Kg		06/10/21 13:13	06/11/21 09:31	20
Xylenes, Total	0.680		0.0800	mg/Kg		06/10/21 13:13	06/11/21 09:31	20
Total BTEX	1.22		0.0800	mg/Kg		06/10/21 13:13	06/11/21 09:31	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	168	S1+	70 - 130	06/10/21 13:13	06/11/21 09:31	20
1,4-Difluorobenzene (Surr)	104		70 - 130	06/10/21 13:13	06/11/21 09:31	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	80.4		49.7	mg/Kg		06/10/21 10:00	06/10/21 18:48	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Client Sample ID: C-82 Discrete

Lab Sample ID: 880-2934-5

Date Collected: 06/08/21 10:50

Matrix: Solid

Date Received: 06/10/21 08:41

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	2430		49.7	mg/Kg		06/10/21 10:00	06/10/21 18:48	1
Oil Range Organics (Over C28-C36)	269		49.7	mg/Kg		06/10/21 10:00	06/10/21 18:48	1
Total TPH	2780		49.7	mg/Kg		06/10/21 10:00	06/10/21 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	109		70 - 130	06/10/21 10:00	06/10/21 18:48	1
o-Terphenyl	91		70 - 130	06/10/21 10:00	06/10/21 18:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1090		4.96	mg/Kg			06/11/21 23:26	1

Client Sample ID: C-10

Lab Sample ID: 880-2934-6

Date Collected: 06/09/21 08:50

Matrix: Solid

Date Received: 06/10/21 08:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0402	U	0.0402	mg/Kg		06/10/21 13:13	06/11/21 09:52	20
Toluene	<0.0402	U	0.0402	mg/Kg		06/10/21 13:13	06/11/21 09:52	20
Ethylbenzene	0.0498		0.0402	mg/Kg		06/10/21 13:13	06/11/21 09:52	20
m-Xylene & p-Xylene	<0.0803	U	0.0803	mg/Kg		06/10/21 13:13	06/11/21 09:52	20
o-Xylene	<0.0402	U	0.0402	mg/Kg		06/10/21 13:13	06/11/21 09:52	20
Xylenes, Total	<0.0803	U	0.0803	mg/Kg		06/10/21 13:13	06/11/21 09:52	20
Total BTEX	<0.0803	U	0.0803	mg/Kg		06/10/21 13:13	06/11/21 09:52	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	06/10/21 13:13	06/11/21 09:52	20
1,4-Difluorobenzene (Surr)	114		70 - 130	06/10/21 13:13	06/11/21 09:52	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		06/10/21 10:00	06/10/21 19:09	1
Diesel Range Organics (Over C10-C28)	2600		49.8	mg/Kg		06/10/21 10:00	06/10/21 19:09	1
Oil Range Organics (Over C28-C36)	303		49.8	mg/Kg		06/10/21 10:00	06/10/21 19:09	1
Total TPH	2900		49.8	mg/Kg		06/10/21 10:00	06/10/21 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	101		70 - 130	06/10/21 10:00	06/10/21 19:09	1
o-Terphenyl	89		70 - 130	06/10/21 10:00	06/10/21 19:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2070		25.1	mg/Kg			06/11/21 18:42	5

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Client Sample ID: C-81

Lab Sample ID: 880-2934-7

Date Collected: 06/09/21 10:00

Matrix: Solid

Date Received: 06/10/21 08:41

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.0400	U	0.0400	mg/Kg		06/10/21 13:13	06/11/21 10:12	20
Toluene	<0.0400	U	0.0400	mg/Kg		06/10/21 13:13	06/11/21 10:12	20
Ethylbenzene	<0.0400	U	0.0400	mg/Kg		06/10/21 13:13	06/11/21 10:12	20
m-Xylene & p-Xylene	<0.0800	U	0.0800	mg/Kg		06/10/21 13:13	06/11/21 10:12	20
o-Xylene	<0.0400	U	0.0400	mg/Kg		06/10/21 13:13	06/11/21 10:12	20
Xylenes, Total	<0.0800	U	0.0800	mg/Kg		06/10/21 13:13	06/11/21 10:12	20
Total BTEX	<0.0800	U	0.0800	mg/Kg		06/10/21 13:13	06/11/21 10:12	20

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	147	S1+	70 - 130	06/10/21 13:13	06/11/21 10:12	20
1,4-Difluorobenzene (Surr)	108		70 - 130	06/10/21 13:13	06/11/21 10:12	20

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.7	U	49.7	mg/Kg		06/10/21 10:00	06/10/21 19:33	1
Diesel Range Organics (Over C10-C28)	140		49.7	mg/Kg		06/10/21 10:00	06/10/21 19:33	1
Oil Range Organics (Over C28-C36)	52.1		49.7	mg/Kg		06/10/21 10:00	06/10/21 19:33	1
Total TPH	192		49.7	mg/Kg		06/10/21 10:00	06/10/21 19:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	102		70 - 130	06/10/21 10:00	06/10/21 19:33	1
o-Terphenyl	101		70 - 130	06/10/21 10:00	06/10/21 19:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	296		4.98	mg/Kg			06/11/21 18:47	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-2932-A-21-A MS	Matrix Spike	110	96
880-2932-A-21-B MSD	Matrix Spike Duplicate	119	97
880-2934-1	C-135	120	96
880-2934-2	C-83	119	99
880-2934-3	C-82	115	100
880-2934-4	C-135 Discrete	185 S1+	98
880-2934-5	C-82 Discrete	168 S1+	104
880-2934-6	C-10	137 S1+	114
880-2934-7	C-81	147 S1+	108
880-2941-A-1-B MSD	Matrix Spike Duplicate	105	111
880-2942-A-1-B MS	Matrix Spike	118	103
LCS 880-3956/1-A	Lab Control Sample	107	98
LCS 880-3959/1-A	Lab Control Sample	107	107
LCS 880-3976/1-A	Lab Control Sample	117	104
LCSD 880-3956/2-A	Lab Control Sample Dup	106	98
LCSD 880-3959/2-A	Lab Control Sample Dup	109	107
LCSD 880-3976/2-A	Lab Control Sample Dup	51 S1-	104
MB 880-3956/5-A	Method Blank	112	95
MB 880-3959/5-A	Method Blank	98	95
MB 880-3976/5-A	Method Blank	97	95

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-2913-A-1-G MS	Matrix Spike	90	87
880-2913-A-1-H MSD	Matrix Spike Duplicate	98	93
880-2934-1	C-135	108	110
880-2934-2	C-83	112	113
880-2934-3	C-82	89	89
880-2934-4	C-135 Discrete	125	102
880-2934-5	C-82 Discrete	109	91
880-2934-6	C-10	101	89
880-2934-7	C-81	102	101
LCS 880-3950/2-A	Lab Control Sample	87	86
LCSD 880-3950/3-A	Lab Control Sample Dup	89	89
MB 880-3950/1-A	Method Blank	96	102

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-3956/5-A

Matrix: Solid

Analysis Batch: 3958

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3956

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/10/21 09:11	06/10/21 12:58	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/10/21 09:11	06/10/21 12:58	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/10/21 09:11	06/10/21 12:58	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		06/10/21 09:11	06/10/21 12:58	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/10/21 09:11	06/10/21 12:58	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/10/21 09:11	06/10/21 12:58	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		06/10/21 09:11	06/10/21 12:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	06/10/21 09:11	06/10/21 12:58	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/10/21 09:11	06/10/21 12:58	1

Lab Sample ID: LCS 880-3956/1-A

Matrix: Solid

Analysis Batch: 3958

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3956

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09621		mg/Kg		96	70 - 130
Toluene	0.100	0.1113		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1160		mg/Kg		116	70 - 130
m-Xylene & p-Xylene	0.200	0.2397		mg/Kg		120	70 - 130
o-Xylene	0.100	0.1197		mg/Kg		120	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: LCSD 880-3956/2-A

Matrix: Solid

Analysis Batch: 3958

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3956

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09832		mg/Kg		98	70 - 130	2	35
Toluene	0.100	0.1118		mg/Kg		112	70 - 130	1	35
Ethylbenzene	0.100	0.1149		mg/Kg		115	70 - 130	1	35
m-Xylene & p-Xylene	0.200	0.2371		mg/Kg		119	70 - 130	1	35
o-Xylene	0.100	0.1184		mg/Kg		118	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-2932-A-21-A MS

Matrix: Solid

Analysis Batch: 3958

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3956

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00198	U	0.0990	0.08121		mg/Kg		82	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

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

Lab Sample ID: 880-2932-A-21-A MS

Matrix: Solid

Analysis Batch: 3958

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3956

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00198	U	0.0990	0.09788		mg/Kg		99	70 - 130
Ethylbenzene	<0.00198	U	0.0990	0.1014		mg/Kg		102	70 - 130
m-Xylene & p-Xylene	<0.00396	U	0.198	0.2117		mg/Kg		107	70 - 130
o-Xylene	<0.00198	U	0.0990	0.1056		mg/Kg		107	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: 880-2932-A-21-B MSD

Matrix: Solid

Analysis Batch: 3958

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3956

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.0996	0.07990		mg/Kg		80	70 - 130	2	35
Toluene	<0.00198	U	0.0996	0.09854		mg/Kg		99	70 - 130	1	35
Ethylbenzene	<0.00198	U	0.0996	0.1036		mg/Kg		104	70 - 130	2	35
m-Xylene & p-Xylene	<0.00396	U	0.199	0.2171		mg/Kg		109	70 - 130	3	35
o-Xylene	<0.00198	U	0.0996	0.1094		mg/Kg		110	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: MB 880-3959/5-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3959

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/10/21 13:00	06/10/21 16:30	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/10/21 13:00	06/10/21 16:30	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/10/21 13:00	06/10/21 16:30	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		06/10/21 13:00	06/10/21 16:30	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/10/21 13:00	06/10/21 16:30	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/10/21 13:00	06/10/21 16:30	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		06/10/21 13:00	06/10/21 16:30	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	06/10/21 13:00	06/10/21 16:30	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/10/21 13:00	06/10/21 16:30	1

Lab Sample ID: LCS 880-3959/1-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3959

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1010		mg/Kg		101	70 - 130
Toluene	0.100	0.09317		mg/Kg		93	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

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

Lab Sample ID: LCS 880-3959/1-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3959

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.09238		mg/Kg		92	70 - 130
m-Xylene & p-Xylene	0.200	0.1973		mg/Kg		99	70 - 130
o-Xylene	0.100	0.09676		mg/Kg		97	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: LCSD 880-3959/2-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3959

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1037		mg/Kg		104	70 - 130	3	35
Toluene	0.100	0.09638		mg/Kg		96	70 - 130	3	35
Ethylbenzene	0.100	0.09624		mg/Kg		96	70 - 130	4	35
m-Xylene & p-Xylene	0.200	0.2072		mg/Kg		104	70 - 130	5	35
o-Xylene	0.100	0.1083		mg/Kg		108	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-2941-A-1-B MSD

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3959

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00199	U F1	0.0992	0.07327		mg/Kg		74	70 - 130	17	35
Toluene	<0.00199	U F1	0.0992	0.05150	F1	mg/Kg		52	70 - 130	28	35
Ethylbenzene	<0.00199	U F2 F1	0.0992	0.03886	F2 F1	mg/Kg		39	70 - 130	37	35
m-Xylene & p-Xylene	<0.00398	U F2 F1	0.198	0.08115	F2 F1	mg/Kg		41	70 - 130	38	35
o-Xylene	<0.00199	U F1	0.0992	0.04400	F1	mg/Kg		44	70 - 130	32	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-3976/5-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3976

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		06/10/21 13:13	06/11/21 03:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		06/10/21 13:13	06/11/21 03:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		06/10/21 13:13	06/11/21 03:22	1
m-Xylene & p-Xylene	<0.00400	U	0.00400	mg/Kg		06/10/21 13:13	06/11/21 03:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		06/10/21 13:13	06/11/21 03:22	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

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

Lab Sample ID: MB 880-3976/5-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3976

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		06/10/21 13:13	06/11/21 03:22	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		06/10/21 13:13	06/11/21 03:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	06/10/21 13:13	06/11/21 03:22	1
1,4-Difluorobenzene (Surr)	95		70 - 130	06/10/21 13:13	06/11/21 03:22	1

Lab Sample ID: LCS 880-3976/1-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3976

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09766		mg/Kg		98	70 - 130
Toluene	0.100	0.09459		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09748		mg/Kg		97	70 - 130
m-Xylene & p-Xylene	0.200	0.2091		mg/Kg		105	70 - 130
o-Xylene	0.100	0.1073		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-3976/2-A

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3976

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.1047		mg/Kg		105	70 - 130	7	35
Toluene	0.100	0.09981		mg/Kg		100	70 - 130	5	35
Ethylbenzene	0.100	0.1027		mg/Kg		103	70 - 130	5	35
m-Xylene & p-Xylene	0.200	0.2251		mg/Kg		113	70 - 130	7	35
o-Xylene	0.100	0.1152		mg/Kg		115	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	51	S1-	70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 880-2942-A-1-B MS

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3976

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00199	U	0.0996	0.08617		mg/Kg		87	70 - 130
Toluene	<0.00199	U	0.0996	0.08465		mg/Kg		85	70 - 130
Ethylbenzene	<0.00199	U	0.0996	0.08608		mg/Kg		86	70 - 130
m-Xylene & p-Xylene	<0.00398	U	0.199	0.1845		mg/Kg		93	70 - 130
o-Xylene	<0.00199	U	0.0996	0.09416		mg/Kg		95	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

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

Lab Sample ID: 880-2942-A-1-B MS

Matrix: Solid

Analysis Batch: 3978

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3976

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

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

Lab Sample ID: MB 880-3950/1-A

Matrix: Solid

Analysis Batch: 3963

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 3950

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		06/10/21 08:29	06/10/21 11:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		06/10/21 08:29	06/10/21 11:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		06/10/21 08:29	06/10/21 11:17	1
Total TPH	<50.0	U	50.0	mg/Kg		06/10/21 08:29	06/10/21 11:17	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
%Recovery	Qualifier					
1-Chlorooctane	96		70 - 130	06/10/21 08:29	06/10/21 11:17	1
o-Terphenyl	102		70 - 130	06/10/21 08:29	06/10/21 11:17	1

Lab Sample ID: LCS 880-3950/2-A

Matrix: Solid

Analysis Batch: 3963

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 3950

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	829.1		mg/Kg		83	70 - 130
Diesel Range Organics (Over C10-C28)	1000	984.1		mg/Kg		98	70 - 130

Surrogate	LCS	LCS	Limits
%Recovery	Qualifier		
1-Chlorooctane	87		70 - 130
o-Terphenyl	86		70 - 130

Lab Sample ID: LCSD 880-3950/3-A

Matrix: Solid

Analysis Batch: 3963

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 3950

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	798.9		mg/Kg		80	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	1024		mg/Kg		102	70 - 130	4	20

Surrogate	LCSD	LCSD	Limits
%Recovery	Qualifier		
1-Chlorooctane	89		70 - 130
o-Terphenyl	89		70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

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

Lab Sample ID: 880-2913-A-1-G MS

Matrix: Solid

Analysis Batch: 3963

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 3950

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.		
	Result	Qualifier	Added	Result	Qualifier			Limits			
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	999	868.2		mg/Kg		87	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.8	U	999	1119		mg/Kg		112	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane	90		70 - 130								
o-Terphenyl	87		70 - 130								

Lab Sample ID: 880-2913-A-1-H MSD

Matrix: Solid

Analysis Batch: 3963

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 3950

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	998	1052		mg/Kg		105	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	<49.8	U	998	1206		mg/Kg		121	70 - 130	7	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	98		70 - 130								
o-Terphenyl	93		70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-3980/1-A

Matrix: Solid

Analysis Batch: 4038

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			06/11/21 18:08	1

Lab Sample ID: LCS 880-3980/2-A

Matrix: Solid

Analysis Batch: 4038

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	246.3		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-3980/3-A

Matrix: Solid

Analysis Batch: 4038

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	247.2		mg/Kg		99	90 - 110	0	20

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-2828-A-1-D MS

Matrix: Solid

Analysis Batch: 4038

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	130		250	375.8		mg/Kg		98	90 - 110

Lab Sample ID: 880-2828-A-1-E MSD

Matrix: Solid

Analysis Batch: 4038

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	130		250	376.2		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-2945-A-4-B MS

Matrix: Solid

Analysis Batch: 4038

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	3710		1250	4923		mg/Kg		97	90 - 110

Lab Sample ID: 880-2945-A-4-C MSD

Matrix: Solid

Analysis Batch: 4038

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	3710		1250	4931		mg/Kg		98	90 - 110	0	20

Lab Sample ID: MB 880-3969/1-A

Matrix: Solid

Analysis Batch: 4040

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			06/11/21 20:59	1

Lab Sample ID: LCS 880-3969/2-A

Matrix: Solid

Analysis Batch: 4040

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	245.7		mg/Kg		98	90 - 110

Lab Sample ID: LCSD 880-3969/3-A

Matrix: Solid

Analysis Batch: 4040

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	246.4		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-2932-A-33-C MS

Matrix: Solid

Analysis Batch: 4040

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	106		249	347.3		mg/Kg		97	90 - 110

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-2932-A-33-D MSD					Client Sample ID: Matrix Spike Duplicate							
Matrix: Solid					Prep Type: Soluble							
Analysis Batch: 4040												
Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit	
Chloride	106		249	349.2		mg/Kg		98	90 - 110	1	20	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

GC VOA

Prep Batch: 3956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-1	C-135	Total/NA	Solid	5035	
880-2934-2	C-83	Total/NA	Solid	5035	
880-2934-3	C-82	Total/NA	Solid	5035	
MB 880-3956/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3956/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3956/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2932-A-21-A MS	Matrix Spike	Total/NA	Solid	5035	
880-2932-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Analysis Batch: 3958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-1	C-135	Total/NA	Solid	8021B	3956
880-2934-2	C-83	Total/NA	Solid	8021B	3956
880-2934-3	C-82	Total/NA	Solid	8021B	3956
MB 880-3956/5-A	Method Blank	Total/NA	Solid	8021B	3956
LCS 880-3956/1-A	Lab Control Sample	Total/NA	Solid	8021B	3956
LCSD 880-3956/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3956
880-2932-A-21-A MS	Matrix Spike	Total/NA	Solid	8021B	3956
880-2932-A-21-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	3956

Prep Batch: 3959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-3959/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3959/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3959/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2941-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 3976

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-4	C-135 Discrete	Total/NA	Solid	5035	
880-2934-5	C-82 Discrete	Total/NA	Solid	5035	
880-2934-6	C-10	Total/NA	Solid	5035	
880-2934-7	C-81	Total/NA	Solid	5035	
MB 880-3976/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-3976/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-3976/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-2942-A-1-B MS	Matrix Spike	Total/NA	Solid	5035	

Analysis Batch: 3978

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-4	C-135 Discrete	Total/NA	Solid	8021B	3976
880-2934-5	C-82 Discrete	Total/NA	Solid	8021B	3976
880-2934-6	C-10	Total/NA	Solid	8021B	3976
880-2934-7	C-81	Total/NA	Solid	8021B	3976
MB 880-3959/5-A	Method Blank	Total/NA	Solid	8021B	3959
MB 880-3976/5-A	Method Blank	Total/NA	Solid	8021B	3976
LCS 880-3959/1-A	Lab Control Sample	Total/NA	Solid	8021B	3959
LCS 880-3976/1-A	Lab Control Sample	Total/NA	Solid	8021B	3976
LCSD 880-3959/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3959
LCSD 880-3976/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	3976
880-2941-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	3959

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

GC VOA (Continued)

Analysis Batch: 3978 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2942-A-1-B MS	Matrix Spike	Total/NA	Solid	8021B	3976

GC Semi VOA

Prep Batch: 3950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-1	C-135	Total/NA	Solid	8015NM Prep	
880-2934-2	C-83	Total/NA	Solid	8015NM Prep	
880-2934-3	C-82	Total/NA	Solid	8015NM Prep	
880-2934-4	C-135 Discrete	Total/NA	Solid	8015NM Prep	
880-2934-5	C-82 Discrete	Total/NA	Solid	8015NM Prep	
880-2934-6	C-10	Total/NA	Solid	8015NM Prep	
880-2934-7	C-81	Total/NA	Solid	8015NM Prep	
MB 880-3950/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-3950/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-3950/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-2913-A-1-G MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-2913-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 3963

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-1	C-135	Total/NA	Solid	8015B NM	3950
880-2934-2	C-83	Total/NA	Solid	8015B NM	3950
880-2934-3	C-82	Total/NA	Solid	8015B NM	3950
880-2934-4	C-135 Discrete	Total/NA	Solid	8015B NM	3950
880-2934-5	C-82 Discrete	Total/NA	Solid	8015B NM	3950
880-2934-6	C-10	Total/NA	Solid	8015B NM	3950
880-2934-7	C-81	Total/NA	Solid	8015B NM	3950
MB 880-3950/1-A	Method Blank	Total/NA	Solid	8015B NM	3950
LCS 880-3950/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	3950
LCSD 880-3950/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	3950
880-2913-A-1-G MS	Matrix Spike	Total/NA	Solid	8015B NM	3950
880-2913-A-1-H MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	3950

HPLC/IC

Leach Batch: 3969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-1	C-135	Soluble	Solid	DI Leach	
880-2934-2	C-83	Soluble	Solid	DI Leach	
880-2934-3	C-82	Soluble	Solid	DI Leach	
880-2934-4	C-135 Discrete	Soluble	Solid	DI Leach	
880-2934-5	C-82 Discrete	Soluble	Solid	DI Leach	
MB 880-3969/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3969/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3969/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2932-A-33-C MS	Matrix Spike	Soluble	Solid	DI Leach	
880-2932-A-33-D MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 3980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-6	C-10	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

HPLC/IC (Continued)

Leach Batch: 3980 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-7	C-81	Soluble	Solid	DI Leach	
MB 880-3980/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-3980/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-3980/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-2828-A-1-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-2828-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	
880-2945-A-4-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-2945-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 4038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-6	C-10	Soluble	Solid	300.0	3980
880-2934-7	C-81	Soluble	Solid	300.0	3980
MB 880-3980/1-A	Method Blank	Soluble	Solid	300.0	3980
LCS 880-3980/2-A	Lab Control Sample	Soluble	Solid	300.0	3980
LCSD 880-3980/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3980
880-2828-A-1-D MS	Matrix Spike	Soluble	Solid	300.0	3980
880-2828-A-1-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	3980
880-2945-A-4-B MS	Matrix Spike	Soluble	Solid	300.0	3980
880-2945-A-4-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	3980

Analysis Batch: 4040

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-2934-1	C-135	Soluble	Solid	300.0	3969
880-2934-2	C-83	Soluble	Solid	300.0	3969
880-2934-3	C-82	Soluble	Solid	300.0	3969
880-2934-4	C-135 Discrete	Soluble	Solid	300.0	3969
880-2934-5	C-82 Discrete	Soluble	Solid	300.0	3969
MB 880-3969/1-A	Method Blank	Soluble	Solid	300.0	3969
LCS 880-3969/2-A	Lab Control Sample	Soluble	Solid	300.0	3969
LCSD 880-3969/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	3969
880-2932-A-33-C MS	Matrix Spike	Soluble	Solid	300.0	3969
880-2932-A-33-D MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	3969

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Client Sample ID: C-135

Date Collected: 06/08/21 11:00

Date Received: 06/10/21 08:41

Lab Sample ID: 880-2934-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3956	06/10/21 09:11	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3958	06/10/21 20:45	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	3950	06/10/21 10:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3963	06/10/21 15:38	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	3969	06/10/21 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			4040	06/11/21 23:06	CH	XEN MID

Client Sample ID: C-83

Date Collected: 06/08/21 11:16

Date Received: 06/10/21 08:41

Lab Sample ID: 880-2934-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	3956	06/10/21 09:11	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3958	06/10/21 21:05	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3950	06/10/21 10:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3963	06/10/21 15:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3969	06/10/21 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			4040	06/11/21 23:11	CH	XEN MID

Client Sample ID: C-82

Date Collected: 06/08/21 11:20

Date Received: 06/10/21 08:41

Lab Sample ID: 880-2934-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	3956	06/10/21 09:11	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	3958	06/10/21 21:26	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	3950	06/10/21 10:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3963	06/10/21 16:20	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3969	06/10/21 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			4040	06/11/21 23:16	CH	XEN MID

Client Sample ID: C-135 Discrete

Date Collected: 06/08/21 10:45

Date Received: 06/10/21 08:41

Lab Sample ID: 880-2934-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3976	06/10/21 13:13	KL	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	3978	06/11/21 09:11	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	3950	06/10/21 10:00	DM	XEN MID
Total/NA	Analysis	8015B NM		5			3963	06/10/21 18:09	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	3969	06/10/21 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			4040	06/11/21 23:21	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Client Sample ID: C-82 Discrete

Lab Sample ID: 880-2934-5

Date Collected: 06/08/21 10:50

Matrix: Solid

Date Received: 06/10/21 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3976	06/10/21 13:13	KL	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	3978	06/11/21 09:31	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	3950	06/10/21 10:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3963	06/10/21 18:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	3969	06/10/21 10:49	CH	XEN MID
Soluble	Analysis	300.0		1			4040	06/11/21 23:26	CH	XEN MID

Client Sample ID: C-10

Lab Sample ID: 880-2934-6

Date Collected: 06/09/21 08:50

Matrix: Solid

Date Received: 06/10/21 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	3976	06/10/21 13:13	KL	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	3978	06/11/21 09:52	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	3950	06/10/21 10:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3963	06/10/21 19:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	3980	06/10/21 13:34	SC	XEN MID
Soluble	Analysis	300.0		5			4038	06/11/21 18:42	CH	XEN MID

Client Sample ID: C-81

Lab Sample ID: 880-2934-7

Date Collected: 06/09/21 10:00

Matrix: Solid

Date Received: 06/10/21 08:41

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	3976	06/10/21 13:13	KL	XEN MID
Total/NA	Analysis	8021B		20	5 mL	5 mL	3978	06/11/21 10:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.06 g	10 mL	3950	06/10/21 10:00	DM	XEN MID
Total/NA	Analysis	8015B NM		1			3963	06/10/21 19:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	3980	06/10/21 13:34	SC	XEN MID
Soluble	Analysis	300.0		1			4038	06/11/21 18:47	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-21
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry

Job ID: 880-2934-1
SDG: 19-0180-08

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
880-2934-1	C-135	Solid	06/08/21 11:00	06/10/21 08:41	
880-2934-2	C-83	Solid	06/08/21 11:16	06/10/21 08:41	
880-2934-3	C-82	Solid	06/08/21 11:20	06/10/21 08:41	
880-2934-4	C-135 Discrete	Solid	06/08/21 10:45	06/10/21 08:41	
880-2934-5	C-82 Discrete	Solid	06/08/21 10:50	06/10/21 08:41	
880-2934-6	C-10	Solid	06/09/21 08:50	06/10/21 08:41	
880-2934-7	C-81	Solid	06/09/21 10:00	06/10/21 08:41	

Eurofins Xenco, Midland

~~6/15/2021~~

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-2934-1

SDG Number: 19-0180-08

Login Number: 2934

List Number: 1

Creator: Phillips, Kerianna

List Source: Eurofins Xenco, Midland

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-5071-1
Client Project/Site: Blinebry Sat #1

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:
8/18/2021 3:42:56 PM

Holly Taylor, Project Manager
(806)794-1296
holly.taylor@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Laboratory Job ID: 880-5071-1

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
F2	MS/MSD RPD exceeds control limits
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Eurofins Xenco, Midland

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Job ID: 880-5071-1**Laboratory: Eurofins Xenco, Midland****Narrative****Job Narrative
880-5071-1****Receipt**

The samples were received on 8/12/2021 3:36 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.0°C

GC VOA

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

GC Semi VOA

Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-6519 and analytical batch 880-6565 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10

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

HPLC/IC

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: C-69,10'

Lab Sample ID: 880-5071-1

Date Collected: 08/10/21 11:45

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 08:34	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 08:34	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 08:34	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		08/14/21 10:30	08/15/21 08:34	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 08:34	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		08/14/21 10:30	08/15/21 08:34	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		08/14/21 10:30	08/15/21 08:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	08/14/21 10:30	08/15/21 08:34	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/14/21 10:30	08/15/21 08:34	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 *1	50.0	mg/Kg		08/13/21 11:41	08/14/21 21:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/13/21 11:41	08/14/21 21:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/13/21 11:41	08/14/21 21:49	1
Total TPH	<50.0	U	50.0	mg/Kg		08/13/21 11:41	08/14/21 21:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	08/13/21 11:41	08/14/21 21:49	1
o-Terphenyl (Surr)	99		70 - 130	08/13/21 11:41	08/14/21 21:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	187		5.00	mg/Kg			08/16/21 17:26	1

Client Sample ID: C-69,15'

Lab Sample ID: 880-5071-2

Date Collected: 08/10/21 11:47

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 08:54	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 08:54	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 08:54	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 08:54	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 08:54	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 08:54	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 08:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/14/21 10:30	08/15/21 08:54	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/14/21 10:30	08/15/21 08:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		08/13/21 11:41	08/14/21 22:49	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: C-69,15'

Lab Sample ID: 880-5071-2

Date Collected: 08/10/21 11:47

Matrix: Solid

Date Received: 08/12/21 15:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/14/21 22:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/14/21 22:49	1
Total TPH	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/14/21 22:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130			08/13/21 11:41	08/14/21 22:49	1
o-Terphenyl (Surr)	96		70 - 130			08/13/21 11:41	08/14/21 22:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	111		4.96	mg/Kg			08/16/21 17:32	1

Client Sample ID: C-69,20'

Lab Sample ID: 880-5071-3

Date Collected: 08/10/21 11:49

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 09:15	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 09:15	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 09:15	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 09:15	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 09:15	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 09:15	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 09:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130			08/14/21 10:30	08/15/21 09:15	1
1,4-Difluorobenzene (Surr)	96		70 - 130			08/14/21 10:30	08/15/21 09:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8	mg/Kg		08/13/21 11:41	08/14/21 23:09	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/14/21 23:09	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/14/21 23:09	1
Total TPH	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/14/21 23:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130			08/13/21 11:41	08/14/21 23:09	1
o-Terphenyl (Surr)	99		70 - 130			08/13/21 11:41	08/14/21 23:09	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.2		4.97	mg/Kg			08/16/21 17:37	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: C-69,25'

Lab Sample ID: 880-5071-4

Date Collected: 08/10/21 11:51

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		08/14/21 10:30	08/15/21 09:35	1
Toluene	<0.00198	U	0.00198	mg/Kg		08/14/21 10:30	08/15/21 09:35	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		08/14/21 10:30	08/15/21 09:35	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		08/14/21 10:30	08/15/21 09:35	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		08/14/21 10:30	08/15/21 09:35	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		08/14/21 10:30	08/15/21 09:35	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		08/14/21 10:30	08/15/21 09:35	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	08/14/21 10:30	08/15/21 09:35	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/14/21 10:30	08/15/21 09:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		08/13/21 11:41	08/14/21 23:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/14/21 23:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/14/21 23:29	1
Total TPH	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/14/21 23:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	08/13/21 11:41	08/14/21 23:29	1
o-Terphenyl (Surr)	103		70 - 130	08/13/21 11:41	08/14/21 23:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	86.5		5.00	mg/Kg			08/16/21 17:43	1

Client Sample ID: C-69,30'

Lab Sample ID: 880-5071-5

Date Collected: 08/10/21 11:53

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		08/14/21 10:30	08/15/21 09:55	1
Toluene	<0.00202	U	0.00202	mg/Kg		08/14/21 10:30	08/15/21 09:55	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		08/14/21 10:30	08/15/21 09:55	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		08/14/21 10:30	08/15/21 09:55	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		08/14/21 10:30	08/15/21 09:55	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		08/14/21 10:30	08/15/21 09:55	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		08/14/21 10:30	08/15/21 09:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130	08/14/21 10:30	08/15/21 09:55	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/14/21 10:30	08/15/21 09:55	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8	mg/Kg		08/13/21 11:41	08/14/21 23:49	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: C-69,30'

Lab Sample ID: 880-5071-5

Date Collected: 08/10/21 11:53

Matrix: Solid

Date Received: 08/12/21 15:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/14/21 23:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/14/21 23:49	1
Total TPH	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/14/21 23:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130			08/13/21 11:41	08/14/21 23:49	1
o-Terphenyl (Surr)	98		70 - 130			08/13/21 11:41	08/14/21 23:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.8		5.05	mg/Kg			08/17/21 18:30	1

Client Sample ID: S Exp-2 5'

Lab Sample ID: 880-5071-6

Date Collected: 08/10/21 12:46

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 10:16	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 10:16	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 10:16	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 10:16	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 10:16	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 10:16	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 10:16	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	116		70 - 130			08/14/21 10:30	08/15/21 10:16	1
1,4-Difluorobenzene (Surr)	94		70 - 130			08/14/21 10:30	08/15/21 10:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		08/13/21 11:41	08/15/21 00:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 00:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 00:08	1
Total TPH	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 00:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130			08/13/21 11:41	08/15/21 00:08	1
o-Terphenyl (Surr)	103		70 - 130			08/13/21 11:41	08/15/21 00:08	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.47		4.98	mg/Kg			08/17/21 18:46	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: S Exp-2 10'

Lab Sample ID: 880-5071-7

Date Collected: 08/10/21 12:47

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 10:36	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 10:36	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 10:36	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 10:36	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 10:36	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 10:36	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 10:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130	08/14/21 10:30	08/15/21 10:36	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/14/21 10:30	08/15/21 10:36	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8	mg/Kg		08/13/21 11:41	08/15/21 00:28	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/15/21 00:28	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/15/21 00:28	1
Total TPH	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/15/21 00:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	08/13/21 11:41	08/15/21 00:28	1
o-Terphenyl (Surr)	102		70 - 130	08/13/21 11:41	08/15/21 00:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	302		4.95	mg/Kg			08/17/21 18:51	1

Client Sample ID: S Exp-2 15'

Lab Sample ID: 880-5071-8

Date Collected: 08/10/21 12:48

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 10:57	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 10:57	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 10:57	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/14/21 10:30	08/15/21 10:57	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 10:57	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/14/21 10:30	08/15/21 10:57	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/14/21 10:30	08/15/21 10:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	123		70 - 130	08/14/21 10:30	08/15/21 10:57	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/14/21 10:30	08/15/21 10:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		08/13/21 11:41	08/15/21 00:48	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: S Exp-2 15'

Lab Sample ID: 880-5071-8

Date Collected: 08/10/21 12:48

Matrix: Solid

Date Received: 08/12/21 15:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 00:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 00:48	1
Total TPH	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 00:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130			08/13/21 11:41	08/15/21 00:48	1
o-Terphenyl (Surr)	99		70 - 130			08/13/21 11:41	08/15/21 00:48	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2110		25.2	mg/Kg			08/17/21 18:56	5

Client Sample ID: S Exp-2 20'

Lab Sample ID: 880-5071-9

Date Collected: 08/10/21 12:49

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 11:17	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 11:17	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 11:17	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 11:17	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 11:17	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 11:17	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/14/21 10:30	08/15/21 11:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	120		70 - 130			08/14/21 10:30	08/15/21 11:17	1
1,4-Difluorobenzene (Surr)	93		70 - 130			08/14/21 10:30	08/15/21 11:17	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		08/13/21 11:41	08/15/21 01:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 01:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 01:07	1
Total TPH	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 01:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130			08/13/21 11:41	08/15/21 01:07	1
o-Terphenyl (Surr)	103		70 - 130			08/13/21 11:41	08/15/21 01:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	551		4.97	mg/Kg			08/17/21 19:01	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: S Exp-2 25'

Lab Sample ID: 880-5071-10

Date Collected: 08/10/21 12:50

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		08/14/21 10:30	08/15/21 11:37	1
Toluene	<0.00198	U	0.00198	mg/Kg		08/14/21 10:30	08/15/21 11:37	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		08/14/21 10:30	08/15/21 11:37	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		08/14/21 10:30	08/15/21 11:37	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		08/14/21 10:30	08/15/21 11:37	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		08/14/21 10:30	08/15/21 11:37	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		08/14/21 10:30	08/15/21 11:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130	08/14/21 10:30	08/15/21 11:37	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/14/21 10:30	08/15/21 11:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8	mg/Kg		08/13/21 11:41	08/15/21 01:27	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/15/21 01:27	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/15/21 01:27	1
Total TPH	<49.8	U	49.8	mg/Kg		08/13/21 11:41	08/15/21 01:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130	08/13/21 11:41	08/15/21 01:27	1
o-Terphenyl (Surr)	103		70 - 130	08/13/21 11:41	08/15/21 01:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	574		4.99	mg/Kg			08/17/21 19:17	1

Client Sample ID: S Exp-2 30'

Lab Sample ID: 880-5071-11

Date Collected: 08/10/21 12:51

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 16:25	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 16:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 16:25	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/14/21 10:30	08/15/21 16:25	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 16:25	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/14/21 10:30	08/15/21 16:25	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/14/21 10:30	08/15/21 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130	08/14/21 10:30	08/15/21 16:25	1
1,4-Difluorobenzene (Surr)	93		70 - 130	08/14/21 10:30	08/15/21 16:25	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		08/13/21 11:41	08/15/21 02:07	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: S Exp-2 30'

Lab Sample ID: 880-5071-11

Date Collected: 08/10/21 12:51

Matrix: Solid

Date Received: 08/12/21 15:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/13/21 11:41	08/15/21 02:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/13/21 11:41	08/15/21 02:07	1
Total TPH	<50.0	U	50.0	mg/Kg		08/13/21 11:41	08/15/21 02:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130			08/13/21 11:41	08/15/21 02:07	1
o-Terphenyl (Surr)	105		70 - 130			08/13/21 11:41	08/15/21 02:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	222		5.00	mg/Kg			08/17/21 19:22	1

Client Sample ID: C-72,20'

Lab Sample ID: 880-5071-12

Date Collected: 08/10/21 13:33

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/14/21 10:30	08/15/21 16:46	1
Toluene	0.0506		0.00199	mg/Kg		08/14/21 10:30	08/15/21 16:46	1
Ethylbenzene	0.213		0.00199	mg/Kg		08/14/21 10:30	08/15/21 16:46	1
m,p-Xylenes	0.312		0.00398	mg/Kg		08/14/21 10:30	08/15/21 16:46	1
o-Xylene	0.189		0.00199	mg/Kg		08/14/21 10:30	08/15/21 16:46	1
Xylenes, Total	0.501		0.00398	mg/Kg		08/14/21 10:30	08/15/21 16:46	1
Total BTEX	0.765		0.00398	mg/Kg		08/14/21 10:30	08/15/21 16:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	213	S1+	70 - 130			08/14/21 10:30	08/15/21 16:46	1
1,4-Difluorobenzene (Surr)	100		70 - 130			08/14/21 10:30	08/15/21 16:46	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		08/13/21 11:41	08/15/21 02:27	1
Diesel Range Organics (Over C10-C28)	1530		50.0	mg/Kg		08/13/21 11:41	08/15/21 02:27	1
Oil Range Organics (Over C28-C36)	329		50.0	mg/Kg		08/13/21 11:41	08/15/21 02:27	1
Total TPH	1860		50.0	mg/Kg		08/13/21 11:41	08/15/21 02:27	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130			08/13/21 11:41	08/15/21 02:27	1
o-Terphenyl (Surr)	96		70 - 130			08/13/21 11:41	08/15/21 02:27	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.90		5.00	mg/Kg			08/17/21 19:28	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: C-72,25'

Lab Sample ID: 880-5071-13

Date Collected: 08/10/21 13:35

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 17:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 17:06	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 17:06	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		08/14/21 10:30	08/15/21 17:06	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 17:06	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		08/14/21 10:30	08/15/21 17:06	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		08/14/21 10:30	08/15/21 17:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	08/14/21 10:30	08/15/21 17:06	1
1,4-Difluorobenzene (Surr)	110		70 - 130	08/14/21 10:30	08/15/21 17:06	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		08/13/21 11:41	08/15/21 02:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 02:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 02:47	1
Total TPH	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	08/13/21 11:41	08/15/21 02:47	1
o-Terphenyl (Surr)	102		70 - 130	08/13/21 11:41	08/15/21 02:47	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.04	U	5.04	mg/Kg			08/17/21 19:33	1

Client Sample ID: C-72,30'

Lab Sample ID: 880-5071-14

Date Collected: 08/10/21 13:37

Matrix: Solid

Date Received: 08/12/21 15:36

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		08/14/21 10:30	08/15/21 17:27	1
Toluene	<0.00202	U	0.00202	mg/Kg		08/14/21 10:30	08/15/21 17:27	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		08/14/21 10:30	08/15/21 17:27	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		08/14/21 10:30	08/15/21 17:27	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		08/14/21 10:30	08/15/21 17:27	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		08/14/21 10:30	08/15/21 17:27	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		08/14/21 10:30	08/15/21 17:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/14/21 10:30	08/15/21 17:27	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/14/21 10:30	08/15/21 17:27	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		08/13/21 11:41	08/15/21 03:06	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Client Sample ID: C-72,30'

Lab Sample ID: 880-5071-14

Date Collected: 08/10/21 13:37

Matrix: Solid

Date Received: 08/12/21 15:36

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 03:06	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 03:06	1
Total TPH	<49.9	U	49.9	mg/Kg		08/13/21 11:41	08/15/21 03:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	08/13/21 11:41	08/15/21 03:06	1
o-Terphenyl (Surr)	99		70 - 130	08/13/21 11:41	08/15/21 03:06	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.3		5.01	mg/Kg			08/17/21 19:38	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-5071-1	C-69,10'	126	96
880-5071-1 MS	C-69,10'	120	103
880-5071-1 MSD	C-69,10'	112	104
880-5071-2	C-69,15'	111	95
880-5071-3	C-69,20'	123	96
880-5071-4	C-69,25'	121	98
880-5071-5	C-69,30'	127	100
880-5071-6	S Exp-2 5'	116	94
880-5071-7	S Exp-2 10'	120	95
880-5071-8	S Exp-2 15'	123	103
880-5071-9	S Exp-2 20'	120	93
880-5071-10	S Exp-2 25'	115	95
880-5071-11	S Exp-2 30'	114	93
880-5071-12	C-72,20'	213 S1+	100
880-5071-13	C-72,25'	109	110
880-5071-14	C-72,30'	113	107
LCS 880-6540/1-A	Lab Control Sample	114	99
LCSD 880-6540/2-A	Lab Control Sample Dup	110	103
MB 880-6514/5-A	Method Blank	105	94
MB 880-6540/5-A	Method Blank	144 S1+	94
Surrogate Legend			
BFB = 4-Bromofluorobenzene (Surr)			
DFBZ = 1,4-Difluorobenzene (Surr)			

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-5071-1	C-69,10'	93	99
880-5071-1 MS	C-69,10'	104	99
880-5071-1 MSD	C-69,10'	93	89
880-5071-2	C-69,15'	91	96
880-5071-3	C-69,20'	94	99
880-5071-4	C-69,25'	98	103
880-5071-5	C-69,30'	92	98
880-5071-6	S Exp-2 5'	96	103
880-5071-7	S Exp-2 10'	94	102
880-5071-8	S Exp-2 15'	92	99
880-5071-9	S Exp-2 20'	95	103
880-5071-10	S Exp-2 25'	95	103
880-5071-11	S Exp-2 30'	99	105
880-5071-12	C-72,20'	102	96
880-5071-13	C-72,25'	96	102
880-5071-14	C-72,30'	93	99
LCS 880-6519/2-A	Lab Control Sample	92	92
LCSD 880-6519/3-A	Lab Control Sample Dup	104	105
MB 880-6519/1-A	Method Blank	111	120

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6514/5-A

Matrix: Solid

Analysis Batch: 6493

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6514

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:00	08/14/21 21:22	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:00	08/14/21 21:22	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:00	08/14/21 21:22	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/14/21 10:00	08/14/21 21:22	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:00	08/14/21 21:22	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/14/21 10:00	08/14/21 21:22	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/14/21 10:00	08/14/21 21:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/14/21 10:00	08/14/21 21:22	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/14/21 10:00	08/14/21 21:22	1

Lab Sample ID: MB 880-6540/5-A

Matrix: Solid

Analysis Batch: 6493

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6540

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 08:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 08:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 08:12	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/14/21 10:30	08/15/21 08:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/14/21 10:30	08/15/21 08:12	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/14/21 10:30	08/15/21 08:12	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/14/21 10:30	08/15/21 08:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	08/14/21 10:30	08/15/21 08:12	1
1,4-Difluorobenzene (Surr)	94		70 - 130	08/14/21 10:30	08/15/21 08:12	1

Lab Sample ID: LCS 880-6540/1-A

Matrix: Solid

Analysis Batch: 6493

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6540

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09095		mg/Kg		91	70 - 130
Toluene	0.100	0.08876		mg/Kg		89	70 - 130
Ethylbenzene	0.100	0.09037		mg/Kg		90	70 - 130
m,p-Xylenes	0.200	0.1852		mg/Kg		93	70 - 130
o-Xylene	0.100	0.09364		mg/Kg		94	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

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

Lab Sample ID: LCSD 880-6540/2-A

Matrix: Solid

Analysis Batch: 6493

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6540

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09520		mg/Kg		95	70 - 130	5	35
Toluene	0.100	0.09209		mg/Kg		92	70 - 130	4	35
Ethylbenzene	0.100	0.09133		mg/Kg		91	70 - 130	1	35
m,p-Xylenes	0.200	0.1858		mg/Kg		93	70 - 130	0	35
o-Xylene	0.100	0.09366		mg/Kg		94	70 - 130	0	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-5071-1 MS

Matrix: Solid

Analysis Batch: 6493

Client Sample ID: C-69,10'

Prep Type: Total/NA

Prep Batch: 6540

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.08921		mg/Kg		89	70 - 130		
Toluene	<0.00200	U	0.100	0.08706		mg/Kg		87	70 - 130		
Ethylbenzene	<0.00200	U	0.100	0.08364		mg/Kg		84	70 - 130		
m,p-Xylenes	<0.00399	U	0.200	0.1726		mg/Kg		86	70 - 130		
o-Xylene	<0.00200	U	0.100	0.08778		mg/Kg		87	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	120		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: 880-5071-1 MSD

Matrix: Solid

Analysis Batch: 6493

Client Sample ID: C-69,10'

Prep Type: Total/NA

Prep Batch: 6540

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0996	0.08399		mg/Kg		84	70 - 130	6	35
Toluene	<0.00200	U	0.0996	0.07969		mg/Kg		80	70 - 130	9	35
Ethylbenzene	<0.00200	U	0.0996	0.07637		mg/Kg		77	70 - 130	9	35
m,p-Xylenes	<0.00399	U	0.199	0.1571		mg/Kg		79	70 - 130	9	35
o-Xylene	<0.00200	U	0.0996	0.07950		mg/Kg		79	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

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

Lab Sample ID: MB 880-6519/1-A

Matrix: Solid

Analysis Batch: 6565

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6519

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/13/21 11:41	08/14/21 20:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/13/21 11:41	08/14/21 20:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/13/21 11:41	08/14/21 20:46	1
Total TPH	<50.0	U	50.0	mg/Kg		08/13/21 11:41	08/14/21 20:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	08/13/21 11:41	08/14/21 20:46	1
o-Terphenyl (Surr)	120		70 - 130	08/13/21 11:41	08/14/21 20:46	1

Lab Sample ID: LCS 880-6519/2-A

Matrix: Solid

Analysis Batch: 6565

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6519

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	811.9		mg/Kg		81	70 - 130
Diesel Range Organics (Over C10-C28)	1000	787.7		mg/Kg		79	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-6519/3-A

Matrix: Solid

Analysis Batch: 6565

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6519

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1071	*1	mg/Kg		107	70 - 130	28	20
Diesel Range Organics (Over C10-C28)	1000	883.8		mg/Kg		88	70 - 130	11	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Lab Sample ID: 880-5071-1 MS

Matrix: Solid

Analysis Batch: 6565

Client Sample ID: C-69,10'

Prep Type: Total/NA

Prep Batch: 6519

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 *1	995	1165		mg/Kg		117	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	950.1		mg/Kg		95	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

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

Lab Sample ID: 880-5071-1 MS

Matrix: Solid

Analysis Batch: 6565

Client Sample ID: C-69,10'

Prep Type: Total/NA

Prep Batch: 6519

	MS	MS	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: 880-5071-1 MSD

Matrix: Solid

Analysis Batch: 6565

Client Sample ID: C-69,10'

Prep Type: Total/NA

Prep Batch: 6519

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2 *1	998	1022		mg/Kg		102	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	873.2		mg/Kg		87	70 - 130	8	20

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	89		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6534/1-A

Matrix: Solid

Analysis Batch: 6619

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			08/16/21 16:13	1

Lab Sample ID: LCS 880-6534/2-A

Matrix: Solid

Analysis Batch: 6619

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	252.9		mg/Kg		101	90 - 110

Lab Sample ID: LCSD 880-6534/3-A

Matrix: Solid

Analysis Batch: 6619

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	252.9		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-4417-A-5-B MS

Matrix: Solid

Analysis Batch: 6619

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	7250		2490	9828		mg/Kg		104	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-4417-A-5-C MSD

Matrix: Solid

Analysis Batch: 6619

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	7250		2490	9829		mg/Kg		104	90 - 110	0	20

Lab Sample ID: MB 880-6535/1-A

Matrix: Solid

Analysis Batch: 6667

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			08/17/21 18:14	1

Lab Sample ID: LCS 880-6535/2-A

Matrix: Solid

Analysis Batch: 6667

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	255.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-6535/3-A

Matrix: Solid

Analysis Batch: 6667

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	254.6		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-5071-5 MS

Matrix: Solid

Analysis Batch: 6667

Client Sample ID: C-69,30'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	52.8		253	314.1		mg/Kg		103	90 - 110

Lab Sample ID: 880-5071-5 MSD

Matrix: Solid

Analysis Batch: 6667

Client Sample ID: C-69,30'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	52.8		253	310.2		mg/Kg		102	90 - 110	1	20

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

GC VOA

Analysis Batch: 6493

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5071-1	C-69,10'	Total/NA	Solid	8021B	6540
880-5071-2	C-69,15'	Total/NA	Solid	8021B	6540
880-5071-3	C-69,20'	Total/NA	Solid	8021B	6540
880-5071-4	C-69,25'	Total/NA	Solid	8021B	6540
880-5071-5	C-69,30'	Total/NA	Solid	8021B	6540
880-5071-6	S Exp-2 5'	Total/NA	Solid	8021B	6540
880-5071-7	S Exp-2 10'	Total/NA	Solid	8021B	6540
880-5071-8	S Exp-2 15'	Total/NA	Solid	8021B	6540
880-5071-9	S Exp-2 20'	Total/NA	Solid	8021B	6540
880-5071-10	S Exp-2 25'	Total/NA	Solid	8021B	6540
880-5071-11	S Exp-2 30'	Total/NA	Solid	8021B	6540
880-5071-12	C-72,20'	Total/NA	Solid	8021B	6540
880-5071-13	C-72,25'	Total/NA	Solid	8021B	6540
880-5071-14	C-72,30'	Total/NA	Solid	8021B	6540
MB 880-6514/5-A	Method Blank	Total/NA	Solid	8021B	6514
MB 880-6540/5-A	Method Blank	Total/NA	Solid	8021B	6540
LCS 880-6540/1-A	Lab Control Sample	Total/NA	Solid	8021B	6540
LCSD 880-6540/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6540
880-5071-1 MS	C-69,10'	Total/NA	Solid	8021B	6540
880-5071-1 MSD	C-69,10'	Total/NA	Solid	8021B	6540

Prep Batch: 6514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-6514/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 6540

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5071-1	C-69,10'	Total/NA	Solid	5035	
880-5071-2	C-69,15'	Total/NA	Solid	5035	
880-5071-3	C-69,20'	Total/NA	Solid	5035	
880-5071-4	C-69,25'	Total/NA	Solid	5035	
880-5071-5	C-69,30'	Total/NA	Solid	5035	
880-5071-6	S Exp-2 5'	Total/NA	Solid	5035	
880-5071-7	S Exp-2 10'	Total/NA	Solid	5035	
880-5071-8	S Exp-2 15'	Total/NA	Solid	5035	
880-5071-9	S Exp-2 20'	Total/NA	Solid	5035	
880-5071-10	S Exp-2 25'	Total/NA	Solid	5035	
880-5071-11	S Exp-2 30'	Total/NA	Solid	5035	
880-5071-12	C-72,20'	Total/NA	Solid	5035	
880-5071-13	C-72,25'	Total/NA	Solid	5035	
880-5071-14	C-72,30'	Total/NA	Solid	5035	
MB 880-6540/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6540/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6540/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5071-1 MS	C-69,10'	Total/NA	Solid	5035	
880-5071-1 MSD	C-69,10'	Total/NA	Solid	5035	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

GC Semi VOA

Prep Batch: 6519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5071-1	C-69,10'	Total/NA	Solid	8015NM Prep	
880-5071-2	C-69,15'	Total/NA	Solid	8015NM Prep	
880-5071-3	C-69,20'	Total/NA	Solid	8015NM Prep	
880-5071-4	C-69,25'	Total/NA	Solid	8015NM Prep	
880-5071-5	C-69,30'	Total/NA	Solid	8015NM Prep	
880-5071-6	S Exp-2 5'	Total/NA	Solid	8015NM Prep	
880-5071-7	S Exp-2 10'	Total/NA	Solid	8015NM Prep	
880-5071-8	S Exp-2 15'	Total/NA	Solid	8015NM Prep	
880-5071-9	S Exp-2 20'	Total/NA	Solid	8015NM Prep	
880-5071-10	S Exp-2 25'	Total/NA	Solid	8015NM Prep	
880-5071-11	S Exp-2 30'	Total/NA	Solid	8015NM Prep	
880-5071-12	C-72,20'	Total/NA	Solid	8015NM Prep	
880-5071-13	C-72,25'	Total/NA	Solid	8015NM Prep	
880-5071-14	C-72,30'	Total/NA	Solid	8015NM Prep	
MB 880-6519/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6519/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6519/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5071-1 MS	C-69,10'	Total/NA	Solid	8015NM Prep	
880-5071-1 MSD	C-69,10'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 6565

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5071-1	C-69,10'	Total/NA	Solid	8015B NM	6519
880-5071-2	C-69,15'	Total/NA	Solid	8015B NM	6519
880-5071-3	C-69,20'	Total/NA	Solid	8015B NM	6519
880-5071-4	C-69,25'	Total/NA	Solid	8015B NM	6519
880-5071-5	C-69,30'	Total/NA	Solid	8015B NM	6519
880-5071-6	S Exp-2 5'	Total/NA	Solid	8015B NM	6519
880-5071-7	S Exp-2 10'	Total/NA	Solid	8015B NM	6519
880-5071-8	S Exp-2 15'	Total/NA	Solid	8015B NM	6519
880-5071-9	S Exp-2 20'	Total/NA	Solid	8015B NM	6519
880-5071-10	S Exp-2 25'	Total/NA	Solid	8015B NM	6519
880-5071-11	S Exp-2 30'	Total/NA	Solid	8015B NM	6519
880-5071-12	C-72,20'	Total/NA	Solid	8015B NM	6519
880-5071-13	C-72,25'	Total/NA	Solid	8015B NM	6519
880-5071-14	C-72,30'	Total/NA	Solid	8015B NM	6519
MB 880-6519/1-A	Method Blank	Total/NA	Solid	8015B NM	6519
LCS 880-6519/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6519
LCSD 880-6519/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6519
880-5071-1 MS	C-69,10'	Total/NA	Solid	8015B NM	6519
880-5071-1 MSD	C-69,10'	Total/NA	Solid	8015B NM	6519

HPLC/IC

Leach Batch: 6534

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5071-1	C-69,10'	Soluble	Solid	DI Leach	
880-5071-2	C-69,15'	Soluble	Solid	DI Leach	
880-5071-3	C-69,20'	Soluble	Solid	DI Leach	
880-5071-4	C-69,25'	Soluble	Solid	DI Leach	
MB 880-6534/1-A	Method Blank	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

HPLC/IC (Continued)

Leach Batch: 6534 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-6534/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6534/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-4417-A-5-B MS	Matrix Spike	Soluble	Solid	DI Leach	
880-4417-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 6535

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5071-5	C-69,30'	Soluble	Solid	DI Leach	
880-5071-6	S Exp-2 5'	Soluble	Solid	DI Leach	
880-5071-7	S Exp-2 10'	Soluble	Solid	DI Leach	
880-5071-8	S Exp-2 15'	Soluble	Solid	DI Leach	
880-5071-9	S Exp-2 20'	Soluble	Solid	DI Leach	
880-5071-10	S Exp-2 25'	Soluble	Solid	DI Leach	
880-5071-11	S Exp-2 30'	Soluble	Solid	DI Leach	
880-5071-12	C-72,20'	Soluble	Solid	DI Leach	
880-5071-13	C-72,25'	Soluble	Solid	DI Leach	
880-5071-14	C-72,30'	Soluble	Solid	DI Leach	
MB 880-6535/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6535/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6535/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5071-5 MS	C-69,30'	Soluble	Solid	DI Leach	
880-5071-5 MSD	C-69,30'	Soluble	Solid	DI Leach	

Analysis Batch: 6619

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5071-1	C-69,10'	Soluble	Solid	300.0	6534
880-5071-2	C-69,15'	Soluble	Solid	300.0	6534
880-5071-3	C-69,20'	Soluble	Solid	300.0	6534
880-5071-4	C-69,25'	Soluble	Solid	300.0	6534
MB 880-6534/1-A	Method Blank	Soluble	Solid	300.0	6534
LCS 880-6534/2-A	Lab Control Sample	Soluble	Solid	300.0	6534
LCSD 880-6534/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6534
880-4417-A-5-B MS	Matrix Spike	Soluble	Solid	300.0	6534
880-4417-A-5-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	6534

Analysis Batch: 6667

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5071-5	C-69,30'	Soluble	Solid	300.0	6535
880-5071-6	S Exp-2 5'	Soluble	Solid	300.0	6535
880-5071-7	S Exp-2 10'	Soluble	Solid	300.0	6535
880-5071-8	S Exp-2 15'	Soluble	Solid	300.0	6535
880-5071-9	S Exp-2 20'	Soluble	Solid	300.0	6535
880-5071-10	S Exp-2 25'	Soluble	Solid	300.0	6535
880-5071-11	S Exp-2 30'	Soluble	Solid	300.0	6535
880-5071-12	C-72,20'	Soluble	Solid	300.0	6535
880-5071-13	C-72,25'	Soluble	Solid	300.0	6535
880-5071-14	C-72,30'	Soluble	Solid	300.0	6535
MB 880-6535/1-A	Method Blank	Soluble	Solid	300.0	6535
LCS 880-6535/2-A	Lab Control Sample	Soluble	Solid	300.0	6535
LCSD 880-6535/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6535
880-5071-5 MS	C-69,30'	Soluble	Solid	300.0	6535

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

HPLC/IC (Continued)

Analysis Batch: 6667 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5071-5 MSD	C-69,30'	Soluble	Solid	300.0	6535

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

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: C-69,10'

Lab Sample ID: 880-5071-1

Date Collected: 08/10/21 11:45

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 08:34	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/14/21 21:49	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6534	08/13/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			6619	08/16/21 17:26	CH	XEN MID

Client Sample ID: C-69,15'

Lab Sample ID: 880-5071-2

Date Collected: 08/10/21 11:47

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 08:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/14/21 22:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6534	08/13/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			6619	08/16/21 17:32	CH	XEN MID

Client Sample ID: C-69,20'

Lab Sample ID: 880-5071-3

Date Collected: 08/10/21 11:49

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 09:15	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/14/21 23:09	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6534	08/13/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			6619	08/16/21 17:37	CH	XEN MID

Client Sample ID: C-69,25'

Lab Sample ID: 880-5071-4

Date Collected: 08/10/21 11:51

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 09:35	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/14/21 23:29	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6534	08/13/21 14:57	CH	XEN MID
Soluble	Analysis	300.0		1			6619	08/16/21 17:43	CH	XEN MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Client Sample ID: C-69,30'

Lab Sample ID: 880-5071-5

Date Collected: 08/10/21 11:53

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 09:55	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/14/21 23:49	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6535	08/13/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			6667	08/17/21 18:30	CH	XEN MID

Client Sample ID: S Exp-2 5'

Lab Sample ID: 880-5071-6

Date Collected: 08/10/21 12:46

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 10:16	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/15/21 00:08	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6535	08/13/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			6667	08/17/21 18:46	CH	XEN MID

Client Sample ID: S Exp-2 10'

Lab Sample ID: 880-5071-7

Date Collected: 08/10/21 12:47

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 10:36	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/15/21 00:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6535	08/13/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			6667	08/17/21 18:51	CH	XEN MID

Client Sample ID: S Exp-2 15'

Lab Sample ID: 880-5071-8

Date Collected: 08/10/21 12:48

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 10:57	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/15/21 00:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6535	08/13/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		5			6667	08/17/21 18:56	CH	XEN MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinbry Sat #1

Job ID: 880-5071-1

Client Sample ID: S Exp-2 20'

Lab Sample ID: 880-5071-9

Date Collected: 08/10/21 12:49

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 11:17	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/15/21 01:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6535	08/13/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			6667	08/17/21 19:01	CH	XEN MID

Client Sample ID: S Exp-2 25'

Lab Sample ID: 880-5071-10

Date Collected: 08/10/21 12:50

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 11:37	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/15/21 01:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6535	08/13/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			6667	08/17/21 19:17	CH	XEN MID

Client Sample ID: S Exp-2 30'

Lab Sample ID: 880-5071-11

Date Collected: 08/10/21 12:51

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 16:25	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/15/21 02:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6535	08/13/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			6667	08/17/21 19:22	CH	XEN MID

Client Sample ID: C-72,20'

Lab Sample ID: 880-5071-12

Date Collected: 08/10/21 13:33

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 16:46	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/15/21 02:27	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6535	08/13/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			6667	08/17/21 19:28	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Client Sample ID: C-72,25'

Lab Sample ID: 880-5071-13

Date Collected: 08/10/21 13:35

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 17:06	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/15/21 02:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6535	08/13/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			6667	08/17/21 19:33	CH	XEN MID

Client Sample ID: C-72,30'

Lab Sample ID: 880-5071-14

Date Collected: 08/10/21 13:37

Matrix: Solid

Date Received: 08/12/21 15:36

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	6540	08/14/21 10:30	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6493	08/15/21 17:27	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6519	08/13/21 11:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6565	08/15/21 03:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6535	08/13/21 14:59	CH	XEN MID
Soluble	Analysis	300.0		1			6667	08/17/21 19:38	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Blinebry Sat #1

Job ID: 880-5071-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5071-1	C-69,10'	Solid	08/10/21 11:45	08/12/21 15:36
880-5071-2	C-69,15'	Solid	08/10/21 11:47	08/12/21 15:36
880-5071-3	C-69,20'	Solid	08/10/21 11:49	08/12/21 15:36
880-5071-4	C-69,25'	Solid	08/10/21 11:51	08/12/21 15:36
880-5071-5	C-69,30'	Solid	08/10/21 11:53	08/12/21 15:36
880-5071-6	S Exp-2 5'	Solid	08/10/21 12:46	08/12/21 15:36
880-5071-7	S Exp-2 10'	Solid	08/10/21 12:47	08/12/21 15:36
880-5071-8	S Exp-2 15'	Solid	08/10/21 12:48	08/12/21 15:36
880-5071-9	S Exp-2 20'	Solid	08/10/21 12:49	08/12/21 15:36
880-5071-10	S Exp-2 25'	Solid	08/10/21 12:50	08/12/21 15:36
880-5071-11	S Exp-2 30'	Solid	08/10/21 12:51	08/12/21 15:36
880-5071-12	C-72,20'	Solid	08/10/21 13:33	08/12/21 15:36
880-5071-13	C-72,25'	Solid	08/10/21 13:35	08/12/21 15:36
880-5071-14	C-72,30'	Solid	08/10/21 13:37	08/12/21 15:36

[illegible]

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-5071-1

Login Number: 5071

List Source: Eurofins Xenco, Midland

List Number: 1

Creator: Teel, Brianna

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-5187-1

Laboratory Sample Delivery Group: 19-0180-08

Client Project/Site: Blinberry SAT #1

Revision: 1

For:

Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

A handwritten signature in black ink that reads "Holly Taylor".

Authorized for release by:

8/27/2021 10:48:04 AM

Holly Taylor, Project Manager
(806)794-1296

holly.taylor@eurofinset.com

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Laboratory Job ID: 880-5187-1
SDG: 19-0180-08

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
*1	LCS/LCSD RPD exceeds control limits.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Eurofins Xenco, Midland

Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Blineberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TNTC	Too Numerous To Count

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

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Blineberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Job ID: 880-5187-1

Laboratory: Eurofins Xenco, Midland

Narrative

Job Narrative 880-5187-1

Comments

No additional comments.

Receipt

The samples were received on 8/17/2021 2:17 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.0° C.

Receipt Exceptions

Revision 1: The report was revised to change samples S-1 through S-8 to B-1 through B-8 per Robert Nelson (email).

GC VOA

Method 8021B: Surrogate recovery for the following sample was outside control limits: B-1 1' (880-5187-1). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-5187-A-1-A MS). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following sample was outside control limits: B-5 10' (880-5187-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (880-5187-A-5-F MSD). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-6805 and analytical batch 880-6837 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-6837/19). Evidence of matrix interferences is not obvious.

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

General Chemistry

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

Organic Prep

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

VOA Prep

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-1 1'

Lab Sample ID: 880-5187-1

Date Collected: 08/16/21 10:50

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 18:28	1
Toluene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 18:28	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 18:28	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		08/17/21 15:15	08/17/21 18:28	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 18:28	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		08/17/21 15:15	08/17/21 18:28	1
Total BTEX	<0.00403	U F2	0.00403	mg/Kg		08/17/21 15:15	08/17/21 18:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		70 - 130	08/17/21 15:15	08/17/21 18:28	1
1,4-Difluorobenzene (Surr)	15	S1-	70 - 130	08/17/21 15:15	08/17/21 18:28	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0	mg/Kg		08/19/21 13:10	08/20/21 12:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 12:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 12:26	1
Total TPH	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 12:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	08/19/21 13:10	08/20/21 12:26	1
o-Terphenyl (Surr)	97		70 - 130	08/19/21 13:10	08/20/21 12:26	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.2		4.95	mg/Kg			08/18/21 22:07	1

Client Sample ID: B-1 3'

Lab Sample ID: 880-5187-2

Date Collected: 08/16/21 10:51

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 18:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 18:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 18:49	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/17/21 15:15	08/17/21 18:49	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 18:49	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/17/21 15:15	08/17/21 18:49	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/17/21 15:15	08/17/21 18:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	08/17/21 15:15	08/17/21 18:49	1
1,4-Difluorobenzene (Surr)	121		70 - 130	08/17/21 15:15	08/17/21 18:49	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 13:31	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-1 3'

Lab Sample ID: 880-5187-2

Date Collected: 08/16/21 10:51

Matrix: Solid

Date Received: 08/17/21 14:17

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 13:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 13:31	1
Total TPH	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 13:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	80		70 - 130	08/19/21 13:10	08/20/21 13:31	1
o-Terphenyl (Surr)	90		70 - 130	08/19/21 13:10	08/20/21 13:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	68.5		5.04	mg/Kg			08/18/21 22:23	1

Client Sample ID: B-1 5'

Lab Sample ID: 880-5187-3

Date Collected: 08/16/21 10:52

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 19:10	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 19:10	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 19:10	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		08/17/21 15:15	08/17/21 19:10	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 19:10	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		08/17/21 15:15	08/17/21 19:10	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		08/17/21 15:15	08/17/21 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/17/21 15:15	08/17/21 19:10	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/17/21 15:15	08/17/21 19:10	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/20/21 08:23	08/20/21 20:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/20/21 08:23	08/20/21 20:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/20/21 08:23	08/20/21 20:18	1
Total TPH	<50.0	U	50.0	mg/Kg		08/20/21 08:23	08/20/21 20:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	08/20/21 08:23	08/20/21 20:18	1
o-Terphenyl (Surr)	119		70 - 130	08/20/21 08:23	08/20/21 20:18	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	84.8		4.97	mg/Kg			08/18/21 22:28	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-1 10'

Lab Sample ID: 880-5187-4

Date Collected: 08/16/21 10:53

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/17/21 19:30	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/17/21 19:30	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/17/21 19:30	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/17/21 19:30	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/17/21 19:30	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/17/21 19:30	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/17/21 19:30	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/17/21 15:15	08/17/21 19:30	1
1,4-Difluorobenzene (Surr)	104		70 - 130	08/17/21 15:15	08/17/21 19:30	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/20/21 08:23	08/20/21 20:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/20/21 08:23	08/20/21 20:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/20/21 08:23	08/20/21 20:39	1
Total TPH	<49.9	U	49.9	mg/Kg		08/20/21 08:23	08/20/21 20:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130	08/20/21 08:23	08/20/21 20:39	1
o-Terphenyl (Surr)	123		70 - 130	08/20/21 08:23	08/20/21 20:39	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	107		4.99	mg/Kg			08/18/21 22:34	1

Client Sample ID: B-2 1'

Lab Sample ID: 880-5187-5

Date Collected: 08/16/21 11:01

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/17/21 19:51	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/17/21 19:51	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/17/21 19:51	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/17/21 19:51	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/17/21 19:51	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/17/21 19:51	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/17/21 19:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/17/21 15:15	08/17/21 19:51	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/17/21 15:15	08/17/21 19:51	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/20/21 08:26	08/20/21 11:49	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-2 1'

Lab Sample ID: 880-5187-5

Date Collected: 08/16/21 11:01

Matrix: Solid

Date Received: 08/17/21 14:17

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/20/21 08:26	08/20/21 11:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/20/21 08:26	08/20/21 11:49	1
Total TPH	<50.0	U	50.0	mg/Kg		08/20/21 08:26	08/20/21 11:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130			08/20/21 08:26	08/20/21 11:49	1
o-Terphenyl (Surr)	115		70 - 130			08/20/21 08:26	08/20/21 11:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	339		4.95	mg/Kg			08/18/21 22:39	1

Client Sample ID: B-2 3'

Lab Sample ID: 880-5187-6

Date Collected: 08/16/21 11:02

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 20:12	1
Toluene	0.00453		0.00200	mg/Kg		08/17/21 15:15	08/17/21 20:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 20:12	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		08/17/21 15:15	08/17/21 20:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 20:12	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		08/17/21 15:15	08/17/21 20:12	1
Total BTEX	0.00453		0.00401	mg/Kg		08/17/21 15:15	08/17/21 20:12	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			08/17/21 15:15	08/17/21 20:12	1
1,4-Difluorobenzene (Surr)	121		70 - 130			08/17/21 15:15	08/17/21 20:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/20/21 08:26	08/20/21 14:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/20/21 08:26	08/20/21 14:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/20/21 08:26	08/20/21 14:35	1
Total TPH	<49.9	U	49.9	mg/Kg		08/20/21 08:26	08/20/21 14:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130			08/20/21 08:26	08/20/21 14:35	1
o-Terphenyl (Surr)	95		70 - 130			08/20/21 08:26	08/20/21 14:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	360		4.95	mg/Kg			08/18/21 22:55	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-2 5'

Lab Sample ID: 880-5187-7

Date Collected: 08/16/21 11:03

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 20:33	1
Toluene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 20:33	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 20:33	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		08/17/21 15:15	08/17/21 20:33	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 20:33	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		08/17/21 15:15	08/17/21 20:33	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		08/17/21 15:15	08/17/21 20:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/17/21 15:15	08/17/21 20:33	1
1,4-Difluorobenzene (Surr)	122		70 - 130	08/17/21 15:15	08/17/21 20:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/20/21 08:28	08/20/21 12:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/20/21 08:28	08/20/21 12:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/20/21 08:28	08/20/21 12:32	1
Total TPH	<50.0	U	50.0	mg/Kg		08/20/21 08:28	08/20/21 12:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130	08/20/21 08:28	08/20/21 12:32	1
o-Terphenyl (Surr)	110		70 - 130	08/20/21 08:28	08/20/21 12:32	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	178		5.02	mg/Kg			08/18/21 23:00	1

Client Sample ID: B-2 10'

Lab Sample ID: 880-5187-8

Date Collected: 08/16/21 11:04

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 22:58	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 22:58	1
Ethylbenzene	0.00207		0.00200	mg/Kg		08/17/21 15:15	08/17/21 22:58	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/17/21 15:15	08/17/21 22:58	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 22:58	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/17/21 15:15	08/17/21 22:58	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/17/21 15:15	08/17/21 22:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	85		70 - 130	08/17/21 15:15	08/17/21 22:58	1
1,4-Difluorobenzene (Surr)	103		70 - 130	08/17/21 15:15	08/17/21 22:58	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/20/21 08:28	08/20/21 14:35	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-2 10'

Lab Sample ID: 880-5187-8

Date Collected: 08/16/21 11:04

Matrix: Solid

Date Received: 08/17/21 14:17

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/20/21 08:28	08/20/21 14:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/20/21 08:28	08/20/21 14:35	1
Total TPH	<49.9	U	49.9	mg/Kg		08/20/21 08:28	08/20/21 14:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130			08/20/21 08:28	08/20/21 14:35	1
o-Terphenyl (Surr)	112		70 - 130			08/20/21 08:28	08/20/21 14:35	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.5		4.99	mg/Kg			08/18/21 23:05	1

Client Sample ID: B-3 1'

Lab Sample ID: 880-5187-9

Date Collected: 08/16/21 11:10

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 23:18	1
Toluene	0.00224		0.00202	mg/Kg		08/17/21 15:15	08/17/21 23:18	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 23:18	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		08/17/21 15:15	08/17/21 23:18	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/17/21 23:18	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		08/17/21 15:15	08/17/21 23:18	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		08/17/21 15:15	08/17/21 23:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			08/17/21 15:15	08/17/21 23:18	1
1,4-Difluorobenzene (Surr)	115		70 - 130			08/17/21 15:15	08/17/21 23:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 16:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 16:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 16:57	1
Total TPH	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 16:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130			08/19/21 13:10	08/20/21 16:57	1
o-Terphenyl (Surr)	95		70 - 130			08/19/21 13:10	08/20/21 16:57	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	43.2		4.96	mg/Kg			08/21/21 05:00	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-3 3'

Lab Sample ID: 880-5187-10

Date Collected: 08/16/21 11:11

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00254		0.00200	mg/Kg		08/17/21 15:15	08/17/21 23:39	1
Toluene	0.00345		0.00200	mg/Kg		08/17/21 15:15	08/17/21 23:39	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 23:39	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		08/17/21 15:15	08/17/21 23:39	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 23:39	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		08/17/21 15:15	08/17/21 23:39	1
Total BTEX	0.00599		0.00399	mg/Kg		08/17/21 15:15	08/17/21 23:39	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	08/17/21 15:15	08/17/21 23:39	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/17/21 15:15	08/17/21 23:39	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 17:19	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 17:19	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 17:19	1
Total TPH	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 17:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	81		70 - 130	08/19/21 13:10	08/20/21 17:19	1
o-Terphenyl (Surr)	92		70 - 130	08/19/21 13:10	08/20/21 17:19	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	83.1		4.98	mg/Kg			08/21/21 05:17	1

Client Sample ID: B-3 5'

Lab Sample ID: 880-5187-11

Date Collected: 08/16/21 11:12

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		08/17/21 15:15	08/18/21 00:00	1
Toluene	<0.00198	U	0.00198	mg/Kg		08/17/21 15:15	08/18/21 00:00	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		08/17/21 15:15	08/18/21 00:00	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		08/17/21 15:15	08/18/21 00:00	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		08/17/21 15:15	08/18/21 00:00	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		08/17/21 15:15	08/18/21 00:00	1
Total BTEX	<0.00396	U	0.00396	mg/Kg		08/17/21 15:15	08/18/21 00:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	08/17/21 15:15	08/18/21 00:00	1
1,4-Difluorobenzene (Surr)	119		70 - 130	08/17/21 15:15	08/18/21 00:00	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 18:03	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-3 5'

Lab Sample ID: 880-5187-11

Date Collected: 08/16/21 11:12

Matrix: Solid

Date Received: 08/17/21 14:17

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 18:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 18:03	1
Total TPH	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 18:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130			08/19/21 13:10	08/20/21 18:03	1
o-Terphenyl (Surr)	111		70 - 130			08/19/21 13:10	08/20/21 18:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	108		5.00	mg/Kg			08/21/21 05:23	1

Client Sample ID: B-3 10'

Lab Sample ID: 880-5187-12

Date Collected: 08/16/21 11:13

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		08/17/21 15:15	08/18/21 00:21	1
Toluene	<0.00201	U	0.00201	mg/Kg		08/17/21 15:15	08/18/21 00:21	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		08/17/21 15:15	08/18/21 00:21	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		08/17/21 15:15	08/18/21 00:21	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		08/17/21 15:15	08/18/21 00:21	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		08/17/21 15:15	08/18/21 00:21	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		08/17/21 15:15	08/18/21 00:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	96		70 - 130			08/17/21 15:15	08/18/21 00:21	1
1,4-Difluorobenzene (Surr)	94		70 - 130			08/17/21 15:15	08/18/21 00:21	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 18:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 18:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 18:25	1
Total TPH	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 18:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	85		70 - 130			08/19/21 13:10	08/20/21 18:25	1
o-Terphenyl (Surr)	96		70 - 130			08/19/21 13:10	08/20/21 18:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		4.97	mg/Kg			08/21/21 05:28	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-4 1'

Lab Sample ID: 880-5187-13

Date Collected: 08/16/21 12:12

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/18/21 00:41	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/18/21 00:41	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/18/21 00:41	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		08/17/21 15:15	08/18/21 00:41	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/18/21 00:41	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		08/17/21 15:15	08/18/21 00:41	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		08/17/21 15:15	08/18/21 00:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/17/21 15:15	08/18/21 00:41	1
1,4-Difluorobenzene (Surr)	120		70 - 130	08/17/21 15:15	08/18/21 00:41	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 18:46	1
Diesel Range Organics (Over C10-C28)	364		49.9	mg/Kg		08/19/21 13:10	08/20/21 18:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 18:46	1
Total TPH	364		49.9	mg/Kg		08/19/21 13:10	08/20/21 18:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130	08/19/21 13:10	08/20/21 18:46	1
o-Terphenyl (Surr)	105		70 - 130	08/19/21 13:10	08/20/21 18:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	249		4.99	mg/Kg			08/21/21 05:34	1

Client Sample ID: B-4 3'

Lab Sample ID: 880-5187-14

Date Collected: 08/16/21 12:13

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/18/21 01:02	1
Toluene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/18/21 01:02	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/18/21 01:02	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		08/17/21 15:15	08/18/21 01:02	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:15	08/18/21 01:02	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		08/17/21 15:15	08/18/21 01:02	1
Total BTEX	<0.00404	U	0.00404	mg/Kg		08/17/21 15:15	08/18/21 01:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	91		70 - 130	08/17/21 15:15	08/18/21 01:02	1
1,4-Difluorobenzene (Surr)	113		70 - 130	08/17/21 15:15	08/18/21 01:02	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 19:07	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-4 3'

Lab Sample ID: 880-5187-14

Date Collected: 08/16/21 12:13

Matrix: Solid

Date Received: 08/17/21 14:17

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 19:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 19:07	1
Total TPH	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 19:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130			08/19/21 13:10	08/20/21 19:07	1
o-Terphenyl (Surr)	100		70 - 130			08/19/21 13:10	08/20/21 19:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	575		4.98	mg/Kg			08/21/21 05:51	1

Client Sample ID: B-4 5'

Lab Sample ID: 880-5187-15

Date Collected: 08/16/21 12:14

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 01:23	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 01:23	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 01:23	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/18/21 01:23	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 01:23	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/18/21 01:23	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/18/21 01:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130			08/17/21 15:15	08/18/21 01:23	1
1,4-Difluorobenzene (Surr)	102		70 - 130			08/17/21 15:15	08/18/21 01:23	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 19:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 19:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 19:29	1
Total TPH	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 19:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130			08/19/21 13:10	08/20/21 19:29	1
o-Terphenyl (Surr)	101		70 - 130			08/19/21 13:10	08/20/21 19:29	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	320		5.00	mg/Kg			08/21/21 05:56	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-4 10'

Lab Sample ID: 880-5187-16

Date Collected: 08/16/21 12:15

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 01:44	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 01:44	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 01:44	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/18/21 01:44	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 01:44	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/18/21 01:44	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/18/21 01:44	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	08/17/21 15:15	08/18/21 01:44	1
1,4-Difluorobenzene (Surr)	100		70 - 130	08/17/21 15:15	08/18/21 01:44	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 19:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 19:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 19:50	1
Total TPH	<49.9	U	49.9	mg/Kg		08/19/21 13:10	08/20/21 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	08/19/21 13:10	08/20/21 19:50	1
o-Terphenyl (Surr)	98		70 - 130	08/19/21 13:10	08/20/21 19:50	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		5.00	mg/Kg			08/21/21 06:02	1

Client Sample ID: B-5 1'

Lab Sample ID: 880-5187-17

Date Collected: 08/16/21 12:41

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 02:05	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 02:05	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 02:05	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/18/21 02:05	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:15	08/18/21 02:05	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/18/21 02:05	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/17/21 15:15	08/18/21 02:05	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	72		70 - 130	08/17/21 15:15	08/18/21 02:05	1
1,4-Difluorobenzene (Surr)	80		70 - 130	08/17/21 15:15	08/18/21 02:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 20:11	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-5 1'

Lab Sample ID: 880-5187-17

Date Collected: 08/16/21 12:41

Matrix: Solid

Date Received: 08/17/21 14:17

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 20:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 20:11	1
Total TPH	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 20:11	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130			08/19/21 13:10	08/20/21 20:11	1
o-Terphenyl (Surr)	100		70 - 130			08/19/21 13:10	08/20/21 20:11	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.4		5.04	mg/Kg			08/21/21 06:07	1

Client Sample ID: B-5 3'

Lab Sample ID: 880-5187-18

Date Collected: 08/16/21 12:42

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/18/21 11:30	08/19/21 10:32	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/18/21 11:30	08/19/21 10:32	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/18/21 11:30	08/19/21 10:32	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/18/21 11:30	08/19/21 10:32	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/18/21 11:30	08/19/21 10:32	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/18/21 11:30	08/19/21 10:32	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/18/21 11:30	08/19/21 10:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			08/18/21 11:30	08/19/21 10:32	1
1,4-Difluorobenzene (Surr)	106		70 - 130			08/18/21 11:30	08/19/21 10:32	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 20:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 20:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 20:33	1
Total TPH	<49.8	U	49.8	mg/Kg		08/19/21 13:10	08/20/21 20:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130			08/19/21 13:10	08/20/21 20:33	1
o-Terphenyl (Surr)	97		70 - 130			08/19/21 13:10	08/20/21 20:33	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.3		4.98	mg/Kg			08/21/21 06:13	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-5 5'

Lab Sample ID: 880-5187-19

Date Collected: 08/16/21 12:43

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		08/18/21 11:30	08/19/21 10:52	1
Toluene	<0.00198	U	0.00198	mg/Kg		08/18/21 11:30	08/19/21 10:52	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		08/18/21 11:30	08/19/21 10:52	1
m,p-Xylenes	<0.00397	U	0.00397	mg/Kg		08/18/21 11:30	08/19/21 10:52	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		08/18/21 11:30	08/19/21 10:52	1
Xylenes, Total	<0.00397	U	0.00397	mg/Kg		08/18/21 11:30	08/19/21 10:52	1
Total BTEX	<0.00397	U	0.00397	mg/Kg		08/18/21 11:30	08/19/21 10:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	08/18/21 11:30	08/19/21 10:52	1
1,4-Difluorobenzene (Surr)	107		70 - 130	08/18/21 11:30	08/19/21 10:52	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 20:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 20:54	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 20:54	1
Total TPH	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 20:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130	08/19/21 13:10	08/20/21 20:54	1
o-Terphenyl (Surr)	94		70 - 130	08/19/21 13:10	08/20/21 20:54	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	99.6		4.99	mg/Kg			08/21/21 06:19	1

Client Sample ID: B-5 10'

Lab Sample ID: 880-5187-20

Date Collected: 08/16/21 12:44

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		08/18/21 11:30	08/19/21 11:12	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/18/21 11:30	08/19/21 11:12	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/18/21 11:30	08/19/21 11:12	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/18/21 11:30	08/19/21 11:12	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/18/21 11:30	08/19/21 11:12	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/18/21 11:30	08/19/21 11:12	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/18/21 11:30	08/19/21 11:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	08/18/21 11:30	08/19/21 11:12	1
1,4-Difluorobenzene (Surr)	96		70 - 130	08/18/21 11:30	08/19/21 11:12	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 21:15	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-5 10'

Lab Sample ID: 880-5187-20

Date Collected: 08/16/21 12:44

Matrix: Solid

Date Received: 08/17/21 14:17

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 21:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 21:15	1
Total TPH	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 21:15	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	88		70 - 130			08/19/21 13:10	08/20/21 21:15	1
o-Terphenyl (Surr)	97		70 - 130			08/19/21 13:10	08/20/21 21:15	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	98.8		5.01	mg/Kg			08/21/21 06:35	1

Client Sample ID: B-6 1'

Lab Sample ID: 880-5187-21

Date Collected: 08/16/21 12:27

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 *- *1	0.00200	mg/Kg		08/17/21 15:45	08/19/21 05:33	1
Toluene	<0.00200	U F1	0.00200	mg/Kg		08/17/21 15:45	08/19/21 05:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 05:33	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/17/21 15:45	08/19/21 05:33	1
o-Xylene	<0.00200	U F1	0.00200	mg/Kg		08/17/21 15:45	08/19/21 05:33	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/17/21 15:45	08/19/21 05:33	1
Total BTEX	<0.00400	U F2 F1	0.00400	mg/Kg		08/17/21 15:45	08/19/21 05:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130			08/17/21 15:45	08/19/21 05:33	1
1,4-Difluorobenzene (Surr)	101		70 - 130			08/17/21 15:45	08/19/21 05:33	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/20/21 00:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/20/21 00:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/20/21 00:59	1
Total TPH	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/20/21 00:59	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130			08/19/21 13:30	08/20/21 00:59	1
o-Terphenyl (Surr)	107		70 - 130			08/19/21 13:30	08/20/21 00:59	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	278		4.98	mg/Kg			08/21/21 06:41	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-6 3'

Lab Sample ID: 880-5187-22

Date Collected: 08/16/21 12:28

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199	mg/Kg		08/17/21 15:45	08/19/21 05:54	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:45	08/19/21 05:54	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:45	08/19/21 05:54	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/17/21 15:45	08/19/21 05:54	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:45	08/19/21 05:54	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/17/21 15:45	08/19/21 05:54	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/17/21 15:45	08/19/21 05:54	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	08/17/21 15:45	08/19/21 05:54	1
1,4-Difluorobenzene (Surr)	92		70 - 130	08/17/21 15:45	08/19/21 05:54	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 02:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 02:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 02:02	1
Total TPH	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 02:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	08/19/21 13:30	08/20/21 02:02	1
o-Terphenyl (Surr)	112		70 - 130	08/19/21 13:30	08/20/21 02:02	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	582		4.95	mg/Kg			08/21/21 06:58	1

Client Sample ID: B-6 5'

Lab Sample ID: 880-5187-23

Date Collected: 08/16/21 12:29

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201	mg/Kg		08/17/21 15:45	08/19/21 06:14	1
Toluene	<0.00201	U	0.00201	mg/Kg		08/17/21 15:45	08/19/21 06:14	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		08/17/21 15:45	08/19/21 06:14	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		08/17/21 15:45	08/19/21 06:14	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		08/17/21 15:45	08/19/21 06:14	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		08/17/21 15:45	08/19/21 06:14	1
Total BTEX	<0.00402	U	0.00402	mg/Kg		08/17/21 15:45	08/19/21 06:14	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	134	S1+	70 - 130	08/17/21 15:45	08/19/21 06:14	1
1,4-Difluorobenzene (Surr)	98		70 - 130	08/17/21 15:45	08/19/21 06:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 02:23	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-6 5'

Lab Sample ID: 880-5187-23

Date Collected: 08/16/21 12:29

Matrix: Solid

Date Received: 08/17/21 14:17

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 02:23	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 02:23	1
Total TPH	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 02:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130			08/19/21 13:30	08/20/21 02:23	1
o-Terphenyl (Surr)	107		70 - 130			08/19/21 13:30	08/20/21 02:23	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	542		4.97	mg/Kg			08/21/21 07:03	1

Client Sample ID: B-6 10'

Lab Sample ID: 880-5187-24

Date Collected: 08/16/21 12:30

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *- *1	0.00202	mg/Kg		08/17/21 15:45	08/19/21 06:35	1
Toluene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:45	08/19/21 06:35	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:45	08/19/21 06:35	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		08/17/21 15:45	08/19/21 06:35	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:45	08/19/21 06:35	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		08/17/21 15:45	08/19/21 06:35	1
Total BTEX	<0.00403	U	0.00403	mg/Kg		08/17/21 15:45	08/19/21 06:35	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			08/17/21 15:45	08/19/21 06:35	1
1,4-Difluorobenzene (Surr)	73		70 - 130			08/17/21 15:45	08/19/21 06:35	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 02:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 02:44	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 02:44	1
Total TPH	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 02:44	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130			08/19/21 13:30	08/20/21 02:44	1
o-Terphenyl (Surr)	100		70 - 130			08/19/21 13:30	08/20/21 02:44	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	448		4.96	mg/Kg			08/21/21 10:25	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-7 1'

Lab Sample ID: 880-5187-25

Date Collected: 08/16/21 13:13

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200	mg/Kg		08/17/21 15:45	08/19/21 06:56	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 06:56	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 06:56	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		08/17/21 15:45	08/19/21 06:56	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 06:56	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		08/17/21 15:45	08/19/21 06:56	1
Total BTEX	<0.00401	U	0.00401	mg/Kg		08/17/21 15:45	08/19/21 06:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	08/17/21 15:45	08/19/21 06:56	1
1,4-Difluorobenzene (Surr)	79		70 - 130	08/17/21 15:45	08/19/21 06:56	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 03:04	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 03:04	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 03:04	1
Total TPH	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 03:04	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	08/19/21 13:30	08/20/21 03:04	1
o-Terphenyl (Surr)	106		70 - 130	08/19/21 13:30	08/20/21 03:04	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.3		5.05	mg/Kg			08/21/21 10:30	1

Client Sample ID: B-7 3'

Lab Sample ID: 880-5187-26

Date Collected: 08/16/21 13:14

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.0000373	*- *1	0.0000200	mg/Kg		08/17/21 15:45	08/19/21 07:16	1
Toluene	<0.0000200	U	0.0000200	mg/Kg		08/17/21 15:45	08/19/21 07:16	1
Ethylbenzene	<0.0000200	U	0.0000200	mg/Kg		08/17/21 15:45	08/19/21 07:16	1
m,p-Xylenes	<0.0000401	U	0.0000401	mg/Kg		08/17/21 15:45	08/19/21 07:16	1
o-Xylene	<0.0000200	U	0.0000200	mg/Kg		08/17/21 15:45	08/19/21 07:16	1
Xylenes, Total	<0.0000401	U	0.0000401	mg/Kg		08/17/21 15:45	08/19/21 07:16	1
Total BTEX	<0.0000401	U	0.0000401	mg/Kg		08/17/21 15:45	08/19/21 07:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130	08/17/21 15:45	08/19/21 07:16	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/17/21 15:45	08/19/21 07:16	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 03:25	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-7 3'

Lab Sample ID: 880-5187-26

Date Collected: 08/16/21 13:14

Matrix: Solid

Date Received: 08/17/21 14:17

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 03:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 03:25	1
Total TPH	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 03:25	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130			08/19/21 13:30	08/20/21 03:25	1
o-Terphenyl (Surr)	102		70 - 130			08/19/21 13:30	08/20/21 03:25	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	38.8		5.04	mg/Kg			08/21/21 10:36	1

Client Sample ID: B-7 5'

Lab Sample ID: 880-5187-27

Date Collected: 08/16/21 13:15

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200	mg/Kg		08/17/21 15:45	08/19/21 07:37	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 07:37	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 07:37	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		08/17/21 15:45	08/19/21 07:37	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 07:37	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		08/17/21 15:45	08/19/21 07:37	1
Total BTEX	<0.00399	U	0.00399	mg/Kg		08/17/21 15:45	08/19/21 07:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130			08/17/21 15:45	08/19/21 07:37	1
1,4-Difluorobenzene (Surr)	88		70 - 130			08/17/21 15:45	08/19/21 07:37	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 03:46	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 03:46	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 03:46	1
Total TPH	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 03:46	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130			08/19/21 13:30	08/20/21 03:46	1
o-Terphenyl (Surr)	104		70 - 130			08/19/21 13:30	08/20/21 03:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	25.9		4.98	mg/Kg			08/21/21 10:41	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-8 1'

Lab Sample ID: 880-5187-28

Date Collected: 08/16/21 13:21

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200	mg/Kg		08/17/21 15:45	08/19/21 07:57	1
Toluene	0.00395		0.00200	mg/Kg		08/17/21 15:45	08/19/21 07:57	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 07:57	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/17/21 15:45	08/19/21 07:57	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 07:57	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/17/21 15:45	08/19/21 07:57	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/17/21 15:45	08/19/21 07:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130	08/17/21 15:45	08/19/21 07:57	1
1,4-Difluorobenzene (Surr)	83		70 - 130	08/17/21 15:45	08/19/21 07:57	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 04:07	1
Diesel Range Organics (Over C10-C28)	387		49.9	mg/Kg		08/19/21 13:30	08/20/21 04:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 04:07	1
Total TPH	387		49.9	mg/Kg		08/19/21 13:30	08/20/21 04:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	90		70 - 130	08/19/21 13:30	08/20/21 04:07	1
o-Terphenyl (Surr)	103		70 - 130	08/19/21 13:30	08/20/21 04:07	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	625		5.00	mg/Kg			08/21/21 10:47	1

Client Sample ID: B-8 3'

Lab Sample ID: 880-5187-29

Date Collected: 08/16/21 13:22

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199	mg/Kg		08/17/21 15:45	08/19/21 08:18	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:45	08/19/21 08:18	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:45	08/19/21 08:18	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/17/21 15:45	08/19/21 08:18	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:45	08/19/21 08:18	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/17/21 15:45	08/19/21 08:18	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/17/21 15:45	08/19/21 08:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	08/17/21 15:45	08/19/21 08:18	1
1,4-Difluorobenzene (Surr)	84		70 - 130	08/17/21 15:45	08/19/21 08:18	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 04:28	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-8 3'

Lab Sample ID: 880-5187-29

Date Collected: 08/16/21 13:22

Matrix: Solid

Date Received: 08/17/21 14:17

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 04:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 04:28	1
Total TPH	<49.9	U	49.9	mg/Kg		08/19/21 13:30	08/20/21 04:28	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130			08/19/21 13:30	08/20/21 04:28	1
o-Terphenyl (Surr)	105		70 - 130			08/19/21 13:30	08/20/21 04:28	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	998		4.98	mg/Kg			08/21/21 01:44	1

Client Sample ID: B-8 5'

Lab Sample ID: 880-5187-30

Date Collected: 08/16/21 13:23

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *- *1	0.00202	mg/Kg		08/17/21 15:45	08/19/21 09:05	1
Toluene	0.00665		0.00202	mg/Kg		08/17/21 15:45	08/19/21 09:05	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		08/17/21 15:45	08/19/21 09:05	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		08/17/21 15:45	08/19/21 09:05	1
o-Xylene	0.00345		0.00202	mg/Kg		08/17/21 15:45	08/19/21 09:05	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		08/17/21 15:45	08/19/21 09:05	1
Total BTEX	0.0101		0.00403	mg/Kg		08/17/21 15:45	08/19/21 09:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130			08/17/21 15:45	08/19/21 09:05	1
1,4-Difluorobenzene (Surr)	93		70 - 130			08/17/21 15:45	08/19/21 09:05	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 04:49	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 04:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 04:49	1
Total TPH	<49.8	U	49.8	mg/Kg		08/19/21 13:30	08/20/21 04:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	95		70 - 130			08/19/21 13:30	08/20/21 04:49	1
o-Terphenyl (Surr)	109		70 - 130			08/19/21 13:30	08/20/21 04:49	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	471		4.99	mg/Kg			08/21/21 02:01	1

Eurofins Xenco, Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-8 10'

Lab Sample ID: 880-5187-31

Date Collected: 08/16/21 13:24

Matrix: Solid

Date Received: 08/17/21 14:17

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199	mg/Kg		08/17/21 15:45	08/19/21 10:26	1
Toluene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:45	08/19/21 10:26	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:45	08/19/21 10:26	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		08/17/21 15:45	08/19/21 10:26	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		08/17/21 15:45	08/19/21 10:26	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		08/17/21 15:45	08/19/21 10:26	1
Total BTEX	<0.00398	U	0.00398	mg/Kg		08/17/21 15:45	08/19/21 10:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/17/21 15:45	08/19/21 10:26	1
1,4-Difluorobenzene (Surr)	89		70 - 130	08/17/21 15:45	08/19/21 10:26	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/20/21 05:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/20/21 05:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/20/21 05:31	1
Total TPH	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/20/21 05:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	08/19/21 13:30	08/20/21 05:31	1
o-Terphenyl (Surr)	102		70 - 130	08/19/21 13:30	08/20/21 05:31	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	312		5.01	mg/Kg			08/21/21 02:06	1

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1	DFBZ1
		(70-130)	(70-130)
880-5187-1	B-1 1'	92	15 S1-
880-5187-1 MS	B-1 1'	127	136 S1+
880-5187-1 MSD	B-1 1'	113	106
880-5187-2	B-1 3'	108	121
880-5187-3	B-1 5'	104	107
880-5187-4	B-1 10'	95	104
880-5187-5	B-2 1'	107	103
880-5187-6	B-2 3'	111	121
880-5187-7	B-2 5'	99	122
880-5187-8	B-2 10'	85	103
880-5187-9	B-3 1'	109	115
880-5187-10	B-3 3'	111	95
880-5187-11	B-3 5'	107	119
880-5187-12	B-3 10'	96	94
880-5187-13	B-4 1'	99	120
880-5187-14	B-4 3'	91	113
880-5187-15	B-4 5'	88	102
880-5187-16	B-4 10'	95	100
880-5187-17	B-5 1'	72	80
880-5187-18	B-5 3'	111	106
880-5187-19	B-5 5'	113	107
880-5187-20	B-5 10'	137 S1+	96
880-5187-21	B-6 1'	102	101
880-5187-21 MS	B-6 1'	114	89
880-5187-21 MSD	B-6 1'	138 S1+	79
880-5187-22	B-6 3'	134 S1+	92
880-5187-23	B-6 5'	134 S1+	98
880-5187-24	B-6 10'	114	73
880-5187-25	B-7 1'	105	79
880-5187-26	B-7 3'	139 S1+	102
880-5187-27	B-7 5'	117	88
880-5187-28	B-8 1'	145 S1+	83
880-5187-29	B-8 3'	104	84
880-5187-30	B-8 5'	121	93
880-5187-31	B-8 10'	97	89
890-1115-A-1-A MS	Matrix Spike	117	100
890-1115-A-1-B MSD	Matrix Spike Duplicate	101	94
LCS 880-6673/1-A	Lab Control Sample	95	100
LCS 880-6685/1-A	Lab Control Sample	103	95
LCS 880-6714/1-A	Lab Control Sample	101	102
LCSD 880-6673/2-A	Lab Control Sample Dup	108	108
LCSD 880-6685/2-A	Lab Control Sample Dup	117	91
LCSD 880-6714/2-A	Lab Control Sample Dup	95	95
MB 880-6673/5-A	Method Blank	97	106
MB 880-6685/5-A	Method Blank	121	72
MB 880-6714/5-A	Method Blank	119	95
MB 880-6723/5-A	Method Blank	93	106
MB 880-6753/5-A	Method Blank	117	102

Surrogate Legend

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
 Project/Site: Blinberry SAT #1
 BFB = 4-Bromofluorobenzene (Surr)
 DFBZ = 1,4-Difluorobenzene (Surr)

Job ID: 880-5187-1
 SDG: 19-0180-08

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-5187-1	B-1 1'	87	97
880-5187-1 MS	B-1 1'	79	83
880-5187-1 MSD	B-1 1'	78	84
880-5187-2	B-1 3'	80	90
880-5187-3	B-1 5'	106	119
880-5187-4	B-1 10'	110	123
880-5187-5	B-2 1'	106	115
880-5187-5 MS	B-2 1'	115	111
880-5187-5 MSD	B-2 1'	89	9 S1-
880-5187-6	B-2 3'	96	95
880-5187-7	B-2 5'	99	110
880-5187-7 MS	B-2 5'	94	96
880-5187-7 MSD	B-2 5'	95	98
880-5187-8	B-2 10'	100	112
880-5187-9	B-3 1'	85	95
880-5187-10	B-3 3'	81	92
880-5187-11	B-3 5'	100	111
880-5187-12	B-3 10'	85	96
880-5187-13	B-4 1'	91	105
880-5187-14	B-4 3'	88	100
880-5187-15	B-4 5'	89	101
880-5187-16	B-4 10'	87	98
880-5187-17	B-5 1'	89	100
880-5187-18	B-5 3'	87	97
880-5187-19	B-5 5'	84	94
880-5187-20	B-5 10'	88	97
880-5187-21	B-6 1'	94	107
880-5187-21 MS	B-6 1'	85	90
880-5187-21 MSD	B-6 1'	83	89
880-5187-22	B-6 3'	98	112
880-5187-23	B-6 5'	95	107
880-5187-24	B-6 10'	89	100
880-5187-25	B-7 1'	94	106
880-5187-26	B-7 3'	91	102
880-5187-27	B-7 5'	93	104
880-5187-28	B-8 1'	90	103
880-5187-29	B-8 3'	91	105
880-5187-30	B-8 5'	95	109
880-5187-31	B-8 10'	89	102
LCS 880-6805/2-A	Lab Control Sample	86	95
LCS 880-6811/2-A	Lab Control Sample	88	96
LCS 880-6833/2-A	Lab Control Sample	89	80
LCS 880-6834/2-A	Lab Control Sample	114	124
LCSD 880-6805/3-A	Lab Control Sample Dup	95	107
LCSD 880-6811/3-A	Lab Control Sample Dup	94	104
LCSD 880-6833/3-A	Lab Control Sample Dup	104	103
LCSD 880-6834/3-A	Lab Control Sample Dup	113	120

Eurofins Xenco, Midland

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Blineberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1	OTPH1
		(70-130)	(70-130)
MB 880-6805/1-A	Method Blank	89	104
MB 880-6811/1-A	Method Blank	92	107
MB 880-6833/1-A	Method Blank	106	111
MB 880-6834/1-A	Method Blank	105	120
Surrogate Legend			
1CO = 1-Chlorooctane (Surr)			
OTPH = o-Terphenyl (Surr)			

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-6673/5-A

Matrix: Solid

Analysis Batch: 6616

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6673

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 18:06	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 18:06	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 18:06	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/17/21 15:15	08/17/21 18:06	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:15	08/17/21 18:06	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/17/21 15:15	08/17/21 18:06	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/17/21 15:15	08/17/21 18:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		70 - 130	08/17/21 15:15	08/17/21 18:06	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/17/21 15:15	08/17/21 18:06	1

Lab Sample ID: LCS 880-6673/1-A

Matrix: Solid

Analysis Batch: 6616

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6673

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.09037		mg/Kg		90	70 - 130
Toluene	0.100	0.1002		mg/Kg		100	70 - 130
Ethylbenzene	0.100	0.09688		mg/Kg		97	70 - 130
m,p-Xylenes	0.200	0.1732		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08430		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-6673/2-A

Matrix: Solid

Analysis Batch: 6616

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6673

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.09869		mg/Kg		99	70 - 130	9	35
Toluene	0.100	0.1116		mg/Kg		112	70 - 130	11	35
Ethylbenzene	0.100	0.1017		mg/Kg		102	70 - 130	5	35
m,p-Xylenes	0.200	0.1928		mg/Kg		96	70 - 130	11	35
o-Xylene	0.100	0.09761		mg/Kg		98	70 - 130	15	35

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

Lab Sample ID: 880-5187-1 MS

Matrix: Solid

Analysis Batch: 6616

Client Sample ID: B-1 1'

Prep Type: Total/NA

Prep Batch: 6673

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00202	U	0.101	0.1073		mg/Kg		105	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Lab Sample ID: 880-5187-1 MS

Matrix: Solid

Analysis Batch: 6616

Client Sample ID: B-1 1'

Prep Type: Total/NA

Prep Batch: 6673

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	<0.00202	U	0.101	0.1191		mg/Kg		118	70 - 130
Ethylbenzene	<0.00202	U	0.101	0.1178		mg/Kg		117	70 - 130
m,p-Xylenes	<0.00403	U	0.202	0.2154		mg/Kg		107	70 - 130
o-Xylene	<0.00202	U	0.101	0.1010		mg/Kg		100	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	127		70 - 130
1,4-Difluorobenzene (Surr)	136	S1+	70 - 130

Lab Sample ID: 880-5187-1 MSD

Matrix: Solid

Analysis Batch: 6616

Client Sample ID: B-1 1'

Prep Type: Total/NA

Prep Batch: 6673

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0994	0.07874		mg/Kg		78	70 - 130	31	35
Toluene	<0.00202	U	0.0994	0.09288		mg/Kg		93	70 - 130	25	35
Ethylbenzene	<0.00202	U	0.0994	0.09191		mg/Kg		92	70 - 130	25	35
m,p-Xylenes	<0.00403	U	0.199	0.1542		mg/Kg		78	70 - 130	33	35
o-Xylene	<0.00202	U	0.0994	0.07655		mg/Kg		77	70 - 130	28	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	113		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: MB 880-6685/5-A

Matrix: Solid

Analysis Batch: 6749

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6685

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 05:12	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 05:12	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 05:12	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/17/21 15:45	08/19/21 05:12	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/17/21 15:45	08/19/21 05:12	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/17/21 15:45	08/19/21 05:12	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/17/21 15:45	08/19/21 05:12	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	08/17/21 15:45	08/19/21 05:12	1
1,4-Difluorobenzene (Surr)	72		70 - 130	08/17/21 15:45	08/19/21 05:12	1

Lab Sample ID: LCS 880-6685/1-A

Matrix: Solid

Analysis Batch: 6749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6685

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.05597	*	mg/Kg		56	70 - 130
Toluene	0.100	0.09595		mg/Kg		96	70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Lab Sample ID: LCS 880-6685/1-A

Matrix: Solid

Analysis Batch: 6749

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6685

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Ethylbenzene	0.100	0.1005		mg/Kg		100	70 - 130
m,p-Xylenes	0.200	0.1748		mg/Kg		87	70 - 130
o-Xylene	0.100	0.08780		mg/Kg		88	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-6685/2-A

Matrix: Solid

Analysis Batch: 6749

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6685

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	0.100	0.08161	*1	mg/Kg		82	70 - 130	37	35
Toluene	0.100	0.09143		mg/Kg		91	70 - 130	5	35
Ethylbenzene	0.100	0.1038		mg/Kg		104	70 - 130	3	35
m,p-Xylenes	0.200	0.1934		mg/Kg		97	70 - 130	10	35
o-Xylene	0.100	0.1013		mg/Kg		101	70 - 130	14	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

Lab Sample ID: 880-5187-21 MS

Matrix: Solid

Analysis Batch: 6749

Client Sample ID: B-6 1'

Prep Type: Total/NA

Prep Batch: 6685

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1 *- *1	0.100	0.04436	F1	mg/Kg		43	70 - 130
Toluene	<0.00200	U F1	0.100	0.06508	F1	mg/Kg		63	70 - 130
Ethylbenzene	<0.00200	U	0.100	0.07879		mg/Kg		79	70 - 130
m,p-Xylenes	<0.00400	U	0.200	0.1460		mg/Kg		72	70 - 130
o-Xylene	<0.00200	U F1	0.100	0.06844	F1	mg/Kg		68	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	89		70 - 130

Lab Sample ID: 880-5187-21 MSD

Matrix: Solid

Analysis Batch: 6749

Client Sample ID: B-6 1'

Prep Type: Total/NA

Prep Batch: 6685

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	Limit
Benzene	<0.00200	U F1 *- *1	0.0996	0.06278	F1	mg/Kg		62	70 - 130	34	35
Toluene	<0.00200	U F1	0.0996	0.08571		mg/Kg		84	70 - 130	27	35
Ethylbenzene	<0.00200	U	0.0996	0.09672		mg/Kg		97	70 - 130	20	35
m,p-Xylenes	<0.00400	U	0.199	0.1758		mg/Kg		87	70 - 130	19	35
o-Xylene	<0.00200	U F1	0.0996	0.08877		mg/Kg		89	70 - 130	26	35

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130
1,4-Difluorobenzene (Surr)	79		70 - 130

Lab Sample ID: MB 880-6714/5-A

Matrix: Solid

Analysis Batch: 6750

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6714

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/18/21 11:30	08/19/21 07:25	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/18/21 11:30	08/19/21 07:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/18/21 11:30	08/19/21 07:25	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/18/21 11:30	08/19/21 07:25	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/18/21 11:30	08/19/21 07:25	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/18/21 11:30	08/19/21 07:25	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/18/21 11:30	08/19/21 07:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	119		70 - 130	08/18/21 11:30	08/19/21 07:25	1
1,4-Difluorobenzene (Surr)	95		70 - 130	08/18/21 11:30	08/19/21 07:25	1

Lab Sample ID: LCS 880-6714/1-A

Matrix: Solid

Analysis Batch: 6750

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6714

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1006		mg/Kg		101	70 - 130
Toluene	0.100	0.09245		mg/Kg		92	70 - 130
Ethylbenzene	0.100	0.08896		mg/Kg		89	70 - 130
m,p-Xylenes	0.200	0.1793		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08726		mg/Kg		87	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: LCSD 880-6714/2-A

Matrix: Solid

Analysis Batch: 6750

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6714

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.08874		mg/Kg		89	70 - 130	12	35
Toluene	0.100	0.08607		mg/Kg		86	70 - 130	7	35
Ethylbenzene	0.100	0.08427		mg/Kg		84	70 - 130	5	35
m,p-Xylenes	0.200	0.1682		mg/Kg		84	70 - 130	6	35
o-Xylene	0.100	0.08169		mg/Kg		82	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Lab Sample ID: 890-1115-A-1-A MS

Matrix: Solid

Analysis Batch: 6750

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 6714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00201	U F2 F1	0.0998	0.05420	F1	mg/Kg		54	70 - 130
Toluene	<0.00201	U F2 F1	0.0998	0.04399	F1	mg/Kg		44	70 - 130
Ethylbenzene	<0.00201	U F2 F1	0.0998	0.02679	F1	mg/Kg		27	70 - 130
m,p-Xylenes	<0.00402	U F2 F1	0.200	0.07496	F1	mg/Kg		38	70 - 130
o-Xylene	<0.00201	U F2 F1	0.0998	0.05557	F1	mg/Kg		56	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 890-1115-A-1-B MSD

Matrix: Solid

Analysis Batch: 6750

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 6714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00201	U F2 F1	0.0994	0.07894	F2	mg/Kg		79	70 - 130	37	35
Toluene	<0.00201	U F2 F1	0.0994	0.06587	F2 F1	mg/Kg		66	70 - 130	40	35
Ethylbenzene	<0.00201	U F2 F1	0.0994	0.04179	F2 F1	mg/Kg		42	70 - 130	44	35
m,p-Xylenes	<0.00402	U F2 F1	0.199	0.1154	F2 F1	mg/Kg		58	70 - 130	43	35
o-Xylene	<0.00201	U F2 F1	0.0994	0.03012	F2 F1	mg/Kg		30	70 - 130	59	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: MB 880-6723/5-A

Matrix: Solid

Analysis Batch: 6749

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6723

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/18/21 10:40	08/18/21 18:13	1
Toluene	<0.00200	U	0.00200	mg/Kg		08/18/21 10:40	08/18/21 18:13	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/18/21 10:40	08/18/21 18:13	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/18/21 10:40	08/18/21 18:13	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/18/21 10:40	08/18/21 18:13	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/18/21 10:40	08/18/21 18:13	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/18/21 10:40	08/18/21 18:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	08/18/21 10:40	08/18/21 18:13	1
1,4-Difluorobenzene (Surr)	106		70 - 130	08/18/21 10:40	08/18/21 18:13	1

Lab Sample ID: MB 880-6753/5-A

Matrix: Solid

Analysis Batch: 6750

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6753

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		08/18/21 15:46	08/18/21 19:50	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Lab Sample ID: MB 880-6753/5-A

Matrix: Solid

Analysis Batch: 6750

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6753

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	<0.00200	U	0.00200	mg/Kg		08/18/21 15:46	08/18/21 19:50	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		08/18/21 15:46	08/18/21 19:50	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		08/18/21 15:46	08/18/21 19:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		08/18/21 15:46	08/18/21 19:50	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		08/18/21 15:46	08/18/21 19:50	1
Total BTEX	<0.00400	U	0.00400	mg/Kg		08/18/21 15:46	08/18/21 19:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	117		70 - 130	08/18/21 15:46	08/18/21 19:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130	08/18/21 15:46	08/18/21 19:50	1

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

Lab Sample ID: MB 880-6805/1-A

Matrix: Solid

Analysis Batch: 6837

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6805

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 10:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 10:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 10:38	1
Total TPH	<50.0	U	50.0	mg/Kg		08/19/21 13:10	08/20/21 10:38	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	08/19/21 13:10	08/20/21 10:38	1
o-Terphenyl (Surr)	104		70 - 130	08/19/21 13:10	08/20/21 10:38	1

Lab Sample ID: LCS 880-6805/2-A

Matrix: Solid

Analysis Batch: 6837

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6805

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	780.0		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	1000	958.0		mg/Kg		96	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	86		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Lab Sample ID: LCSD 880-6805/3-A

Matrix: Solid

Analysis Batch: 6837

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6805

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	842.4		mg/Kg		84	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	1081		mg/Kg		108	70 - 130	12	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane (Surr)	95		70 - 130						
o-Terphenyl (Surr)	107		70 - 130						

Lab Sample ID: 880-5187-1 MS

Matrix: Solid

Analysis Batch: 6837

Client Sample ID: B-1 1'

Prep Type: Total/NA

Prep Batch: 6805

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	995	690.6	F1	mg/Kg		69	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	995	757.2		mg/Kg		76	70 - 130		
Surrogate	MS %Recovery	MS Qualifier	Limits								
1-Chlorooctane (Surr)	79		70 - 130								
o-Terphenyl (Surr)	83		70 - 130								

Lab Sample ID: 880-5187-1 MSD

Matrix: Solid

Analysis Batch: 6837

Client Sample ID: B-1 1'

Prep Type: Total/NA

Prep Batch: 6805

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	682.1	F1	mg/Kg		68	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	762.6		mg/Kg		76	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	78		70 - 130								
o-Terphenyl (Surr)	84		70 - 130								

Lab Sample ID: MB 880-6811/1-A

Matrix: Solid

Analysis Batch: 6797

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6811

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/19/21 23:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/19/21 23:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/19/21 23:57	1
Total TPH	<50.0	U	50.0	mg/Kg		08/19/21 13:30	08/19/21 23:57	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Lab Sample ID: MB 880-6811/1-A

Matrix: Solid

Analysis Batch: 6797

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6811

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130	08/19/21 13:30	08/19/21 23:57	1
o-Terphenyl (Surr)	107		70 - 130	08/19/21 13:30	08/19/21 23:57	1

Lab Sample ID: LCS 880-6811/2-A

Matrix: Solid

Analysis Batch: 6797

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6811

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	788.2		mg/Kg		79	70 - 130
Diesel Range Organics (Over C10-C28)	1000	926.2		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	88		70 - 130
o-Terphenyl (Surr)	96		70 - 130

Lab Sample ID: LCSD 880-6811/3-A

Matrix: Solid

Analysis Batch: 6797

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6811

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	861.2		mg/Kg		86	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	1000	1004		mg/Kg		100	70 - 130	8	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	104		70 - 130

Lab Sample ID: 880-5187-21 MS

Matrix: Solid

Analysis Batch: 6797

Client Sample ID: B-6 1'

Prep Type: Total/NA

Prep Batch: 6811

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	754.3		mg/Kg		76	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	779.4		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Lab Sample ID: 880-5187-21 MSD

Matrix: Solid

Analysis Batch: 6797

Client Sample ID: B-6 1'

Prep Type: Total/NA

Prep Batch: 6811

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	722.3		mg/Kg		72	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	788.5		mg/Kg		77	70 - 130	1	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	83		70 - 130								
o-Terphenyl (Surr)	89		70 - 130								

Lab Sample ID: MB 880-6833/1-A

Matrix: Solid

Analysis Batch: 6841

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6833

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/20/21 08:26	08/20/21 11:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/20/21 08:26	08/20/21 11:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/20/21 08:26	08/20/21 11:28	1
Total TPH	<50.0	U	50.0	mg/Kg		08/20/21 08:26	08/20/21 11:28	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130			08/20/21 08:26	08/20/21 11:28	1
o-Terphenyl (Surr)	111		70 - 130			08/20/21 08:26	08/20/21 11:28	1

Lab Sample ID: LCS 880-6833/2-A

Matrix: Solid

Analysis Batch: 6841

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6833

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1005		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	1000	787.4		mg/Kg		79	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane (Surr)	89		70 - 130				
o-Terphenyl (Surr)	80		70 - 130				

Lab Sample ID: LCSD 880-6833/3-A

Matrix: Solid

Analysis Batch: 6841

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6833

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	829.6		mg/Kg		83	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	1000	872.7		mg/Kg		87	70 - 130	10	20

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Lab Sample ID: LCSD 880-6833/3-A

Matrix: Solid

Analysis Batch: 6841

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6833

	LCSD	LCSD	
Surrogate	%Recovery	Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: 880-5187-5 MS

Matrix: Solid

Analysis Batch: 6841

Client Sample ID: B-2 1'

Prep Type: Total/NA

Prep Batch: 6833

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	885.9		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	946.3		mg/Kg		93	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	115		70 - 130						
o-Terphenyl (Surr)	111		70 - 130						

Lab Sample ID: 880-5187-5 MSD

Matrix: Solid

Analysis Batch: 6841

Client Sample ID: B-2 1'

Prep Type: Total/NA

Prep Batch: 6833

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	962.1		mg/Kg		94	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	812.7		mg/Kg		80	70 - 130	15	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	89		70 - 130								
o-Terphenyl (Surr)	9	S1-	70 - 130								

Lab Sample ID: MB 880-6834/1-A

Matrix: Solid

Analysis Batch: 6843

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 6834

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		08/20/21 08:28	08/20/21 11:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		08/20/21 08:28	08/20/21 11:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		08/20/21 08:28	08/20/21 11:28	1
Total TPH	<50.0	U	50.0	mg/Kg		08/20/21 08:28	08/20/21 11:28	1
Surrogate	MB %Recovery	MB Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130			08/20/21 08:28	08/20/21 11:28	1
o-Terphenyl (Surr)	120		70 - 130			08/20/21 08:28	08/20/21 11:28	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Lab Sample ID: LCS 880-6834/2-A

Matrix: Solid

Analysis Batch: 6843

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 6834

Analyte			Spike	LCS	LCS	Unit	D	%Rec	%Rec.		
			Added	Result	Qualifier				Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1016		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	973.4		mg/Kg		97	70 - 130		
Surrogate	LCS	LCS									
	%Recovery	Qualifier	Limits								
1-Chlorooctane (Surr)	114		70 - 130								
o-Terphenyl (Surr)	124		70 - 130								

Lab Sample ID: LCSD 880-6834/3-A

Matrix: Solid

Analysis Batch: 6843

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 6834

Top Bottom Section											
Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	947.8		mg/Kg		95	70 - 130	7	20
Diesel Range Organics (Over C10-C28)			1000	947.2		mg/Kg		95	70 - 130	3	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits								
1-Chlorooctane (Surr)	113		70 - 130								
o-Terphenyl (Surr)	120		70 - 130								

Lab Sample ID: 880-5187-7 MS

Matrix: Solid

Analysis Batch: 6843

Client Sample ID: B-2 5'

Prep Type: Total/NA

Prep Batch: 6834

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	995	926.1		mg/Kg		90	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	995	810.0		mg/Kg		79	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane (Surr)	94		70 - 130						
o-Terphenyl (Surr)	96		70 - 130						

Lab Sample ID: 880-5187-7 MSD

Matrix: Solid

Analysis Batch: 6843

Client Sample ID: B-2 5'

Prep Type: Total/NA

Prep Batch: 6834

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	964.1		mg/Kg		94	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<50.0	U	998	796.7		mg/Kg		78	70 - 130	2	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane (Surr)	95		70 - 130								

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

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

Lab Sample ID: 880-5187-7 MSD
Matrix: Solid
Analysis Batch: 6843

Client Sample ID: B-2 5'
Prep Type: Total/NA
Prep Batch: 6834

	MSD	MSD	
Surrogate	%Recovery	Qualifier	Limits
<i>o</i> -Terphenyl (Surr)	98		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-6733/1-A
Matrix: Solid
Analysis Batch: 6764

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	<5.00	U	5.00	mg/Kg			08/18/21 21:52	1

Lab Sample ID: LCS 880-6733/2-A
Matrix: Solid
Analysis Batch: 6764

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike	LCS	LCS	Unit	D	%Rec	%Rec.
	Added	Result	Qualifier				Limits
Chloride	250	256.5		mg/Kg		103	90 - 110

Lab Sample ID: LCSD 880-6733/3-A
Matrix: Solid
Analysis Batch: 6764

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike	LCSD	LCSD	Unit	D	%Rec	%Rec.	RPD
	Added	Result	Qualifier				Limits	Limit
Chloride	250	256.7		mg/Kg		103	90 - 110	0 20

Lab Sample ID: 880-5187-1 MS
Matrix: Solid
Analysis Batch: 6764

Client Sample ID: B-1 1'
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MS	MS	Unit	D	%Rec	%Rec.
	Result	Qualifier	Added	Result	Qualifier				Limits
Chloride	13.2		248	283.4		mg/Kg		109	90 - 110

Lab Sample ID: 880-5187-1 MSD
Matrix: Solid
Analysis Batch: 6764

Client Sample ID: B-1 1'
Prep Type: Soluble

Analyte	Sample	Sample	Spike	MSD	MSD	Unit	D	%Rec	%Rec.	RPD
	Result	Qualifier	Added	Result	Qualifier				Limits	Limit
Chloride	13.2		248	281.9		mg/Kg		109	90 - 110	1 20

Lab Sample ID: MB 880-6741/1-A
Matrix: Solid
Analysis Batch: 6854

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	<5.00	U	5.00	mg/Kg			08/21/21 04:43	1

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-6741/2-A

Matrix: Solid

Analysis Batch: 6854

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	262.4		mg/Kg		105	90 - 110

Lab Sample ID: LCSD 880-6741/3-A

Matrix: Solid

Analysis Batch: 6854

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	261.9		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-5187-9 MS

Matrix: Solid

Analysis Batch: 6854

Client Sample ID: B-3 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	43.2		248	295.8		mg/Kg		102	90 - 110

Lab Sample ID: 880-5187-9 MSD

Matrix: Solid

Analysis Batch: 6854

Client Sample ID: B-3 1'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	43.2		248	295.4		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-5187-19 MS

Matrix: Solid

Analysis Batch: 6854

Client Sample ID: B-5 5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	99.6		250	361.4		mg/Kg		105	90 - 110

Lab Sample ID: 880-5187-19 MSD

Matrix: Solid

Analysis Batch: 6854

Client Sample ID: B-5 5'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	99.6		250	361.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: MB 880-6744/1-A

Matrix: Solid

Analysis Batch: 6855

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00	mg/Kg			08/21/21 01:27	1

Lab Sample ID: LCS 880-6744/2-A

Matrix: Solid

Analysis Batch: 6855

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	259.8		mg/Kg		104	90 - 110

Eurofins Xenco, Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Blineberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-6744/3-A

Matrix: Solid

Analysis Batch: 6855

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	260.6		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-5187-29 MS

Matrix: Solid

Analysis Batch: 6855

Client Sample ID: B-8 3'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	998		249	1205	4	mg/Kg		83	90 - 110		

Lab Sample ID: 880-5187-29 MSD

Matrix: Solid

Analysis Batch: 6855

Client Sample ID: B-8 3'

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	998		249	1205	4	mg/Kg		83	90 - 110	0	20

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

GC VOA

Analysis Batch: 6616

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-1	B-1 1'	Total/NA	Solid	8021B	6673
880-5187-2	B-1 3'	Total/NA	Solid	8021B	6673
880-5187-3	B-1 5'	Total/NA	Solid	8021B	6673
880-5187-4	B-1 10'	Total/NA	Solid	8021B	6673
880-5187-5	B-2 1'	Total/NA	Solid	8021B	6673
880-5187-6	B-2 3'	Total/NA	Solid	8021B	6673
880-5187-7	B-2 5'	Total/NA	Solid	8021B	6673
880-5187-8	B-2 10'	Total/NA	Solid	8021B	6673
880-5187-9	B-3 1'	Total/NA	Solid	8021B	6673
880-5187-10	B-3 3'	Total/NA	Solid	8021B	6673
880-5187-11	B-3 5'	Total/NA	Solid	8021B	6673
880-5187-12	B-3 10'	Total/NA	Solid	8021B	6673
880-5187-13	B-4 1'	Total/NA	Solid	8021B	6673
880-5187-14	B-4 3'	Total/NA	Solid	8021B	6673
880-5187-15	B-4 5'	Total/NA	Solid	8021B	6673
880-5187-16	B-4 10'	Total/NA	Solid	8021B	6673
880-5187-17	B-5 1'	Total/NA	Solid	8021B	6673
MB 880-6673/5-A	Method Blank	Total/NA	Solid	8021B	6673
LCS 880-6673/1-A	Lab Control Sample	Total/NA	Solid	8021B	6673
LCSD 880-6673/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6673
880-5187-1 MS	B-1 1'	Total/NA	Solid	8021B	6673
880-5187-1 MSD	B-1 1'	Total/NA	Solid	8021B	6673

Prep Batch: 6673

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-1	B-1 1'	Total/NA	Solid	5035	
880-5187-2	B-1 3'	Total/NA	Solid	5035	
880-5187-3	B-1 5'	Total/NA	Solid	5035	
880-5187-4	B-1 10'	Total/NA	Solid	5035	
880-5187-5	B-2 1'	Total/NA	Solid	5035	
880-5187-6	B-2 3'	Total/NA	Solid	5035	
880-5187-7	B-2 5'	Total/NA	Solid	5035	
880-5187-8	B-2 10'	Total/NA	Solid	5035	
880-5187-9	B-3 1'	Total/NA	Solid	5035	
880-5187-10	B-3 3'	Total/NA	Solid	5035	
880-5187-11	B-3 5'	Total/NA	Solid	5035	
880-5187-12	B-3 10'	Total/NA	Solid	5035	
880-5187-13	B-4 1'	Total/NA	Solid	5035	
880-5187-14	B-4 3'	Total/NA	Solid	5035	
880-5187-15	B-4 5'	Total/NA	Solid	5035	
880-5187-16	B-4 10'	Total/NA	Solid	5035	
880-5187-17	B-5 1'	Total/NA	Solid	5035	
MB 880-6673/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6673/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6673/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5187-1 MS	B-1 1'	Total/NA	Solid	5035	
880-5187-1 MSD	B-1 1'	Total/NA	Solid	5035	

Prep Batch: 6685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-21	B-6 1'	Total/NA	Solid	5035	

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

GC VOA (Continued)

Prep Batch: 6685 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-22	B-6 3'	Total/NA	Solid	5035	
880-5187-23	B-6 5'	Total/NA	Solid	5035	
880-5187-24	B-6 10'	Total/NA	Solid	5035	
880-5187-25	B-7 1'	Total/NA	Solid	5035	
880-5187-26	B-7 3'	Total/NA	Solid	5035	
880-5187-27	B-7 5'	Total/NA	Solid	5035	
880-5187-28	B-8 1'	Total/NA	Solid	5035	
880-5187-29	B-8 3'	Total/NA	Solid	5035	
880-5187-30	B-8 5'	Total/NA	Solid	5035	
880-5187-31	B-8 10'	Total/NA	Solid	5035	
MB 880-6685/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6685/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6685/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-5187-21 MS	B-6 1'	Total/NA	Solid	5035	
880-5187-21 MSD	B-6 1'	Total/NA	Solid	5035	

Prep Batch: 6714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-18	B-5 3'	Total/NA	Solid	5035	
880-5187-19	B-5 5'	Total/NA	Solid	5035	
880-5187-20	B-5 10'	Total/NA	Solid	5035	
MB 880-6714/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-6714/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-6714/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-1115-A-1-A MS	Matrix Spike	Total/NA	Solid	5035	
890-1115-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 6723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-6723/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 6749

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-21	B-6 1'	Total/NA	Solid	8021B	6685
880-5187-22	B-6 3'	Total/NA	Solid	8021B	6685
880-5187-23	B-6 5'	Total/NA	Solid	8021B	6685
880-5187-24	B-6 10'	Total/NA	Solid	8021B	6685
880-5187-25	B-7 1'	Total/NA	Solid	8021B	6685
880-5187-26	B-7 3'	Total/NA	Solid	8021B	6685
880-5187-27	B-7 5'	Total/NA	Solid	8021B	6685
880-5187-28	B-8 1'	Total/NA	Solid	8021B	6685
880-5187-29	B-8 3'	Total/NA	Solid	8021B	6685
880-5187-30	B-8 5'	Total/NA	Solid	8021B	6685
880-5187-31	B-8 10'	Total/NA	Solid	8021B	6685
MB 880-6685/5-A	Method Blank	Total/NA	Solid	8021B	6685
MB 880-6723/5-A	Method Blank	Total/NA	Solid	8021B	6723
LCS 880-6685/1-A	Lab Control Sample	Total/NA	Solid	8021B	6685
LCSD 880-6685/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6685
880-5187-21 MS	B-6 1'	Total/NA	Solid	8021B	6685
880-5187-21 MSD	B-6 1'	Total/NA	Solid	8021B	6685

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

GC VOA

Analysis Batch: 6750

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-18	B-5 3'	Total/NA	Solid	8021B	6714
880-5187-19	B-5 5'	Total/NA	Solid	8021B	6714
880-5187-20	B-5 10'	Total/NA	Solid	8021B	6714
MB 880-6714/5-A	Method Blank	Total/NA	Solid	8021B	6714
MB 880-6753/5-A	Method Blank	Total/NA	Solid	8021B	6753
LCS 880-6714/1-A	Lab Control Sample	Total/NA	Solid	8021B	6714
LCSD 880-6714/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	6714
890-1115-A-1-A MS	Matrix Spike	Total/NA	Solid	8021B	6714
890-1115-A-1-B MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	6714

Prep Batch: 6753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-6753/5-A	Method Blank	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 6797

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-21	B-6 1'	Total/NA	Solid	8015B NM	6811
880-5187-22	B-6 3'	Total/NA	Solid	8015B NM	6811
880-5187-23	B-6 5'	Total/NA	Solid	8015B NM	6811
880-5187-24	B-6 10'	Total/NA	Solid	8015B NM	6811
880-5187-25	B-7 1'	Total/NA	Solid	8015B NM	6811
880-5187-26	B-7 3'	Total/NA	Solid	8015B NM	6811
880-5187-27	B-7 5'	Total/NA	Solid	8015B NM	6811
880-5187-28	B-8 1'	Total/NA	Solid	8015B NM	6811
880-5187-29	B-8 3'	Total/NA	Solid	8015B NM	6811
880-5187-30	B-8 5'	Total/NA	Solid	8015B NM	6811
880-5187-31	B-8 10'	Total/NA	Solid	8015B NM	6811
MB 880-6811/1-A	Method Blank	Total/NA	Solid	8015B NM	6811
LCS 880-6811/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6811
LCSD 880-6811/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6811
880-5187-21 MS	B-6 1'	Total/NA	Solid	8015B NM	6811
880-5187-21 MSD	B-6 1'	Total/NA	Solid	8015B NM	6811

Prep Batch: 6805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-1	B-1 1'	Total/NA	Solid	8015NM Prep	
880-5187-2	B-1 3'	Total/NA	Solid	8015NM Prep	
880-5187-9	B-3 1'	Total/NA	Solid	8015NM Prep	
880-5187-10	B-3 3'	Total/NA	Solid	8015NM Prep	
880-5187-11	B-3 5'	Total/NA	Solid	8015NM Prep	
880-5187-12	B-3 10'	Total/NA	Solid	8015NM Prep	
880-5187-13	B-4 1'	Total/NA	Solid	8015NM Prep	
880-5187-14	B-4 3'	Total/NA	Solid	8015NM Prep	
880-5187-15	B-4 5'	Total/NA	Solid	8015NM Prep	
880-5187-16	B-4 10'	Total/NA	Solid	8015NM Prep	
880-5187-17	B-5 1'	Total/NA	Solid	8015NM Prep	
880-5187-18	B-5 3'	Total/NA	Solid	8015NM Prep	
880-5187-19	B-5 5'	Total/NA	Solid	8015NM Prep	
880-5187-20	B-5 10'	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

GC Semi VOA (Continued)

Prep Batch: 6805 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-6805/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6805/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6805/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5187-1 MS	B-1 1'	Total/NA	Solid	8015NM Prep	
880-5187-1 MSD	B-1 1'	Total/NA	Solid	8015NM Prep	

Prep Batch: 6811

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-21	B-6 1'	Total/NA	Solid	8015NM Prep	
880-5187-22	B-6 3'	Total/NA	Solid	8015NM Prep	
880-5187-23	B-6 5'	Total/NA	Solid	8015NM Prep	
880-5187-24	B-6 10'	Total/NA	Solid	8015NM Prep	
880-5187-25	B-7 1'	Total/NA	Solid	8015NM Prep	
880-5187-26	B-7 3'	Total/NA	Solid	8015NM Prep	
880-5187-27	B-7 5'	Total/NA	Solid	8015NM Prep	
880-5187-28	B-8 1'	Total/NA	Solid	8015NM Prep	
880-5187-29	B-8 3'	Total/NA	Solid	8015NM Prep	
880-5187-30	B-8 5'	Total/NA	Solid	8015NM Prep	
880-5187-31	B-8 10'	Total/NA	Solid	8015NM Prep	
MB 880-6811/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6811/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6811/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5187-21 MS	B-6 1'	Total/NA	Solid	8015NM Prep	
880-5187-21 MSD	B-6 1'	Total/NA	Solid	8015NM Prep	

Prep Batch: 6832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-3	B-1 5'	Total/NA	Solid	8015NM Prep	
880-5187-4	B-1 10'	Total/NA	Solid	8015NM Prep	

Prep Batch: 6833

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-5	B-2 1'	Total/NA	Solid	8015NM Prep	
880-5187-6	B-2 3'	Total/NA	Solid	8015NM Prep	
MB 880-6833/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6833/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6833/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5187-5 MS	B-2 1'	Total/NA	Solid	8015NM Prep	
880-5187-5 MSD	B-2 1'	Total/NA	Solid	8015NM Prep	

Prep Batch: 6834

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-7	B-2 5'	Total/NA	Solid	8015NM Prep	
880-5187-8	B-2 10'	Total/NA	Solid	8015NM Prep	
MB 880-6834/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-6834/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-6834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-5187-7 MS	B-2 5'	Total/NA	Solid	8015NM Prep	
880-5187-7 MSD	B-2 5'	Total/NA	Solid	8015NM Prep	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

GC Semi VOA

Analysis Batch: 6837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-1	B-1 1'	Total/NA	Solid	8015B NM	6805
880-5187-2	B-1 3'	Total/NA	Solid	8015B NM	6805
880-5187-9	B-3 1'	Total/NA	Solid	8015B NM	6805
880-5187-10	B-3 3'	Total/NA	Solid	8015B NM	6805
880-5187-11	B-3 5'	Total/NA	Solid	8015B NM	6805
880-5187-12	B-3 10'	Total/NA	Solid	8015B NM	6805
880-5187-13	B-4 1'	Total/NA	Solid	8015B NM	6805
880-5187-14	B-4 3'	Total/NA	Solid	8015B NM	6805
880-5187-15	B-4 5'	Total/NA	Solid	8015B NM	6805
880-5187-16	B-4 10'	Total/NA	Solid	8015B NM	6805
880-5187-17	B-5 1'	Total/NA	Solid	8015B NM	6805
880-5187-18	B-5 3'	Total/NA	Solid	8015B NM	6805
880-5187-19	B-5 5'	Total/NA	Solid	8015B NM	6805
880-5187-20	B-5 10'	Total/NA	Solid	8015B NM	6805
MB 880-6805/1-A	Method Blank	Total/NA	Solid	8015B NM	6805
LCS 880-6805/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6805
LCSD 880-6805/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6805
880-5187-1 MS	B-1 1'	Total/NA	Solid	8015B NM	6805
880-5187-1 MSD	B-1 1'	Total/NA	Solid	8015B NM	6805

Analysis Batch: 6841

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-5	B-2 1'	Total/NA	Solid	8015B NM	6833
880-5187-6	B-2 3'	Total/NA	Solid	8015B NM	6833
MB 880-6833/1-A	Method Blank	Total/NA	Solid	8015B NM	6833
LCS 880-6833/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6833
LCSD 880-6833/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6833
880-5187-5 MS	B-2 1'	Total/NA	Solid	8015B NM	6833
880-5187-5 MSD	B-2 1'	Total/NA	Solid	8015B NM	6833

Analysis Batch: 6843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-3	B-1 5'	Total/NA	Solid	8015B NM	6832
880-5187-4	B-1 10'	Total/NA	Solid	8015B NM	6832
880-5187-7	B-2 5'	Total/NA	Solid	8015B NM	6834
880-5187-8	B-2 10'	Total/NA	Solid	8015B NM	6834
MB 880-6834/1-A	Method Blank	Total/NA	Solid	8015B NM	6834
LCS 880-6834/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	6834
LCSD 880-6834/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	6834
880-5187-7 MS	B-2 5'	Total/NA	Solid	8015B NM	6834
880-5187-7 MSD	B-2 5'	Total/NA	Solid	8015B NM	6834

HPLC/IC

Leach Batch: 6733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-1	B-1 1'	Soluble	Solid	DI Leach	
880-5187-2	B-1 3'	Soluble	Solid	DI Leach	
880-5187-3	B-1 5'	Soluble	Solid	DI Leach	
880-5187-4	B-1 10'	Soluble	Solid	DI Leach	
880-5187-5	B-2 1'	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

HPLC/IC (Continued)

Leach Batch: 6733 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-6	B-2 3'	Soluble	Solid	DI Leach	
880-5187-7	B-2 5'	Soluble	Solid	DI Leach	
880-5187-8	B-2 10'	Soluble	Solid	DI Leach	
MB 880-6733/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6733/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6733/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5187-1 MS	B-1 1'	Soluble	Solid	DI Leach	
880-5187-1 MSD	B-1 1'	Soluble	Solid	DI Leach	

Leach Batch: 6741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-9	B-3 1'	Soluble	Solid	DI Leach	
880-5187-10	B-3 3'	Soluble	Solid	DI Leach	
880-5187-11	B-3 5'	Soluble	Solid	DI Leach	
880-5187-12	B-3 10'	Soluble	Solid	DI Leach	
880-5187-13	B-4 1'	Soluble	Solid	DI Leach	
880-5187-14	B-4 3'	Soluble	Solid	DI Leach	
880-5187-15	B-4 5'	Soluble	Solid	DI Leach	
880-5187-16	B-4 10'	Soluble	Solid	DI Leach	
880-5187-17	B-5 1'	Soluble	Solid	DI Leach	
880-5187-18	B-5 3'	Soluble	Solid	DI Leach	
880-5187-19	B-5 5'	Soluble	Solid	DI Leach	
880-5187-20	B-5 10'	Soluble	Solid	DI Leach	
880-5187-21	B-6 1'	Soluble	Solid	DI Leach	
880-5187-22	B-6 3'	Soluble	Solid	DI Leach	
880-5187-23	B-6 5'	Soluble	Solid	DI Leach	
880-5187-24	B-6 10'	Soluble	Solid	DI Leach	
880-5187-25	B-7 1'	Soluble	Solid	DI Leach	
880-5187-26	B-7 3'	Soluble	Solid	DI Leach	
880-5187-27	B-7 5'	Soluble	Solid	DI Leach	
880-5187-28	B-8 1'	Soluble	Solid	DI Leach	
MB 880-6741/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6741/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6741/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5187-9 MS	B-3 1'	Soluble	Solid	DI Leach	
880-5187-9 MSD	B-3 1'	Soluble	Solid	DI Leach	
880-5187-19 MS	B-5 5'	Soluble	Solid	DI Leach	
880-5187-19 MSD	B-5 5'	Soluble	Solid	DI Leach	

Leach Batch: 6744

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-29	B-8 3'	Soluble	Solid	DI Leach	
880-5187-30	B-8 5'	Soluble	Solid	DI Leach	
880-5187-31	B-8 10'	Soluble	Solid	DI Leach	
MB 880-6744/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-6744/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-6744/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-5187-29 MS	B-8 3'	Soluble	Solid	DI Leach	
880-5187-29 MSD	B-8 3'	Soluble	Solid	DI Leach	

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

HPLC/IC

Analysis Batch: 6764

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-1	B-1 1'	Soluble	Solid	300.0	6733
880-5187-2	B-1 3'	Soluble	Solid	300.0	6733
880-5187-3	B-1 5'	Soluble	Solid	300.0	6733
880-5187-4	B-1 10'	Soluble	Solid	300.0	6733
880-5187-5	B-2 1'	Soluble	Solid	300.0	6733
880-5187-6	B-2 3'	Soluble	Solid	300.0	6733
880-5187-7	B-2 5'	Soluble	Solid	300.0	6733
880-5187-8	B-2 10'	Soluble	Solid	300.0	6733
MB 880-6733/1-A	Method Blank	Soluble	Solid	300.0	6733
LCS 880-6733/2-A	Lab Control Sample	Soluble	Solid	300.0	6733
LCSD 880-6733/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6733
880-5187-1 MS	B-1 1'	Soluble	Solid	300.0	6733
880-5187-1 MSD	B-1 1'	Soluble	Solid	300.0	6733

Analysis Batch: 6854

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-9	B-3 1'	Soluble	Solid	300.0	6741
880-5187-10	B-3 3'	Soluble	Solid	300.0	6741
880-5187-11	B-3 5'	Soluble	Solid	300.0	6741
880-5187-12	B-3 10'	Soluble	Solid	300.0	6741
880-5187-13	B-4 1'	Soluble	Solid	300.0	6741
880-5187-14	B-4 3'	Soluble	Solid	300.0	6741
880-5187-15	B-4 5'	Soluble	Solid	300.0	6741
880-5187-16	B-4 10'	Soluble	Solid	300.0	6741
880-5187-17	B-5 1'	Soluble	Solid	300.0	6741
880-5187-18	B-5 3'	Soluble	Solid	300.0	6741
880-5187-19	B-5 5'	Soluble	Solid	300.0	6741
880-5187-20	B-5 10'	Soluble	Solid	300.0	6741
880-5187-21	B-6 1'	Soluble	Solid	300.0	6741
880-5187-22	B-6 3'	Soluble	Solid	300.0	6741
880-5187-23	B-6 5'	Soluble	Solid	300.0	6741
880-5187-24	B-6 10'	Soluble	Solid	300.0	6741
880-5187-25	B-7 1'	Soluble	Solid	300.0	6741
880-5187-26	B-7 3'	Soluble	Solid	300.0	6741
880-5187-27	B-7 5'	Soluble	Solid	300.0	6741
880-5187-28	B-8 1'	Soluble	Solid	300.0	6741
MB 880-6741/1-A	Method Blank	Soluble	Solid	300.0	6741
LCS 880-6741/2-A	Lab Control Sample	Soluble	Solid	300.0	6741
LCSD 880-6741/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6741
880-5187-9 MS	B-3 1'	Soluble	Solid	300.0	6741
880-5187-9 MSD	B-3 1'	Soluble	Solid	300.0	6741
880-5187-19 MS	B-5 5'	Soluble	Solid	300.0	6741
880-5187-19 MSD	B-5 5'	Soluble	Solid	300.0	6741

Analysis Batch: 6855

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-5187-29	B-8 3'	Soluble	Solid	300.0	6744
880-5187-30	B-8 5'	Soluble	Solid	300.0	6744
880-5187-31	B-8 10'	Soluble	Solid	300.0	6744
MB 880-6744/1-A	Method Blank	Soluble	Solid	300.0	6744
LCS 880-6744/2-A	Lab Control Sample	Soluble	Solid	300.0	6744

Eurofins Xenco, Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Blineberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

HPLC/IC (Continued)

Analysis Batch: 6855 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-6744/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	6744
880-5187-29 MS	B-8 3'	Soluble	Solid	300.0	6744
880-5187-29 MSD	B-8 3'	Soluble	Solid	300.0	6744

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-1 1'

Date Collected: 08/16/21 10:50

Date Received: 08/17/21 14:17

Lab Sample ID: 880-5187-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/17/21 18:28	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 12:26	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6733	08/18/21 12:14	SC	XEN MID
Soluble	Analysis	300.0		1			6764	08/18/21 22:07	CH	XEN MID

Client Sample ID: B-1 3'

Date Collected: 08/16/21 10:51

Date Received: 08/17/21 14:17

Lab Sample ID: 880-5187-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/17/21 18:49	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 13:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6733	08/18/21 12:14	SC	XEN MID
Soluble	Analysis	300.0		1			6764	08/18/21 22:23	CH	XEN MID

Client Sample ID: B-1 5'

Date Collected: 08/16/21 10:52

Date Received: 08/17/21 14:17

Lab Sample ID: 880-5187-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/17/21 19:10	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6832	08/20/21 08:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6843	08/20/21 20:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6733	08/18/21 12:14	SC	XEN MID
Soluble	Analysis	300.0		1			6764	08/18/21 22:28	CH	XEN MID

Client Sample ID: B-1 10'

Date Collected: 08/16/21 10:53

Date Received: 08/17/21 14:17

Lab Sample ID: 880-5187-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/17/21 19:30	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6832	08/20/21 08:23	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6843	08/20/21 20:39	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6733	08/18/21 12:14	SC	XEN MID
Soluble	Analysis	300.0		1			6764	08/18/21 22:34	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-2 1'

Lab Sample ID: 880-5187-5

Date Collected: 08/16/21 11:01

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/17/21 19:51	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6833	08/20/21 08:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6841	08/20/21 11:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6733	08/18/21 12:14	SC	XEN MID
Soluble	Analysis	300.0		1			6764	08/18/21 22:39	CH	XEN MID

Client Sample ID: B-2 3'

Lab Sample ID: 880-5187-6

Date Collected: 08/16/21 11:02

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/17/21 20:12	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6833	08/20/21 08:26	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6841	08/20/21 14:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6733	08/18/21 12:14	SC	XEN MID
Soluble	Analysis	300.0		1			6764	08/18/21 22:55	CH	XEN MID

Client Sample ID: B-2 5'

Lab Sample ID: 880-5187-7

Date Collected: 08/16/21 11:03

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/17/21 20:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6834	08/20/21 08:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6843	08/20/21 12:32	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	6733	08/18/21 12:14	SC	XEN MID
Soluble	Analysis	300.0		1			6764	08/18/21 23:00	CH	XEN MID

Client Sample ID: B-2 10'

Lab Sample ID: 880-5187-8

Date Collected: 08/16/21 11:04

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/17/21 22:58	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6834	08/20/21 08:28	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6843	08/20/21 14:35	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6733	08/18/21 12:14	SC	XEN MID
Soluble	Analysis	300.0		1			6764	08/18/21 23:05	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-3 1'

Lab Sample ID: 880-5187-9

Date Collected: 08/16/21 11:10

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/17/21 23:18	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 16:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 05:00	CH	XEN MID

Client Sample ID: B-3 3'

Lab Sample ID: 880-5187-10

Date Collected: 08/16/21 11:11

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/17/21 23:39	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 17:19	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 05:17	CH	XEN MID

Client Sample ID: B-3 5'

Lab Sample ID: 880-5187-11

Date Collected: 08/16/21 11:12

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/18/21 00:00	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 18:03	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 05:23	CH	XEN MID

Client Sample ID: B-3 10'

Lab Sample ID: 880-5187-12

Date Collected: 08/16/21 11:13

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/18/21 00:21	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 18:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 05:28	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-4 1'

Lab Sample ID: 880-5187-13

Date Collected: 08/16/21 12:12

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/18/21 00:41	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 18:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 05:34	CH	XEN MID

Client Sample ID: B-4 3'

Lab Sample ID: 880-5187-14

Date Collected: 08/16/21 12:13

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/18/21 01:02	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 19:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 05:51	CH	XEN MID

Client Sample ID: B-4 5'

Lab Sample ID: 880-5187-15

Date Collected: 08/16/21 12:14

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/18/21 01:23	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 19:29	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 05:56	CH	XEN MID

Client Sample ID: B-4 10'

Lab Sample ID: 880-5187-16

Date Collected: 08/16/21 12:15

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/18/21 01:44	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 19:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 06:02	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-5 1'

Lab Sample ID: 880-5187-17

Date Collected: 08/16/21 12:41

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6673	08/17/21 15:15	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6616	08/18/21 02:05	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 20:11	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 06:07	CH	XEN MID

Client Sample ID: B-5 3'

Lab Sample ID: 880-5187-18

Date Collected: 08/16/21 12:42

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6714	08/18/21 11:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6750	08/19/21 10:32	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 20:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 06:13	CH	XEN MID

Client Sample ID: B-5 5'

Lab Sample ID: 880-5187-19

Date Collected: 08/16/21 12:43

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	6714	08/18/21 11:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6750	08/19/21 10:52	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 20:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 06:19	CH	XEN MID

Client Sample ID: B-5 10'

Lab Sample ID: 880-5187-20

Date Collected: 08/16/21 12:44

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	6714	08/18/21 11:30	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6750	08/19/21 11:12	MR	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	6805	08/19/21 13:10	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6837	08/20/21 21:15	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 06:35	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-6 1'

Lab Sample ID: 880-5187-21

Date Collected: 08/16/21 12:27

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 05:33	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 00:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 06:41	CH	XEN MID

Client Sample ID: B-6 3'

Lab Sample ID: 880-5187-22

Date Collected: 08/16/21 12:28

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 05:54	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 02:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 06:58	CH	XEN MID

Client Sample ID: B-6 5'

Lab Sample ID: 880-5187-23

Date Collected: 08/16/21 12:29

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 06:14	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 02:23	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 07:03	CH	XEN MID

Client Sample ID: B-6 10'

Lab Sample ID: 880-5187-24

Date Collected: 08/16/21 12:30

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 06:35	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 02:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 10:25	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-7 1'

Lab Sample ID: 880-5187-25

Date Collected: 08/16/21 13:13

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 06:56	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 03:04	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 10:30	CH	XEN MID

Client Sample ID: B-7 3'

Lab Sample ID: 880-5187-26

Date Collected: 08/16/21 13:14

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			499 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 07:16	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 03:25	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 10:36	CH	XEN MID

Client Sample ID: B-7 5'

Lab Sample ID: 880-5187-27

Date Collected: 08/16/21 13:15

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 07:37	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 03:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 10:41	CH	XEN MID

Client Sample ID: B-8 1'

Lab Sample ID: 880-5187-28

Date Collected: 08/16/21 13:21

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 07:57	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 04:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	6741	08/18/21 14:11	SC	XEN MID
Soluble	Analysis	300.0		1			6854	08/21/21 10:47	CH	XEN MID

Eurofins Xenco, Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Client Sample ID: B-8 3'

Lab Sample ID: 880-5187-29

Date Collected: 08/16/21 13:22

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 08:18	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 04:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	6744	08/18/21 14:14	SC	XEN MID
Soluble	Analysis	300.0		1			6855	08/21/21 01:44	CH	XEN MID

Client Sample ID: B-8 5'

Lab Sample ID: 880-5187-30

Date Collected: 08/16/21 13:23

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 09:05	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 04:49	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	6744	08/18/21 14:14	SC	XEN MID
Soluble	Analysis	300.0		1			6855	08/21/21 02:01	CH	XEN MID

Client Sample ID: B-8 10'

Lab Sample ID: 880-5187-31

Date Collected: 08/16/21 13:24

Matrix: Solid

Date Received: 08/17/21 14:17

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	6685	08/17/21 15:45	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	6749	08/19/21 10:26	KL	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	6811	08/19/21 13:30	DM	XEN MID
Total/NA	Analysis	8015B NM		1			6797	08/20/21 05:31	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	6744	08/18/21 14:14	SC	XEN MID
Soluble	Analysis	300.0		1			6855	08/21/21 02:06	CH	XEN MID

Laboratory References:

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

Eurofins Xenco, Midland

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Blineberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Laboratory: Eurofins Xenco, Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-20-21	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015B NM	8015NM Prep	Solid	Total TPH
8021B	5035	Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Blineberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Eurofins Xenco, Midland

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Blinberry SAT #1

Job ID: 880-5187-1
SDG: 19-0180-08

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-5187-1	B-1 1'	Solid	08/16/21 10:50	08/17/21 14:17
880-5187-2	B-1 3'	Solid	08/16/21 10:51	08/17/21 14:17
880-5187-3	B-1 5'	Solid	08/16/21 10:52	08/17/21 14:17
880-5187-4	B-1 10'	Solid	08/16/21 10:53	08/17/21 14:17
880-5187-5	B-2 1'	Solid	08/16/21 11:01	08/17/21 14:17
880-5187-6	B-2 3'	Solid	08/16/21 11:02	08/17/21 14:17
880-5187-7	B-2 5'	Solid	08/16/21 11:03	08/17/21 14:17
880-5187-8	B-2 10'	Solid	08/16/21 11:04	08/17/21 14:17
880-5187-9	B-3 1'	Solid	08/16/21 11:10	08/17/21 14:17
880-5187-10	B-3 3'	Solid	08/16/21 11:11	08/17/21 14:17
880-5187-11	B-3 5'	Solid	08/16/21 11:12	08/17/21 14:17
880-5187-12	B-3 10'	Solid	08/16/21 11:13	08/17/21 14:17
880-5187-13	B-4 1'	Solid	08/16/21 12:12	08/17/21 14:17
880-5187-14	B-4 3'	Solid	08/16/21 12:13	08/17/21 14:17
880-5187-15	B-4 5'	Solid	08/16/21 12:14	08/17/21 14:17
880-5187-16	B-4 10'	Solid	08/16/21 12:15	08/17/21 14:17
880-5187-17	B-5 1'	Solid	08/16/21 12:41	08/17/21 14:17
880-5187-18	B-5 3'	Solid	08/16/21 12:42	08/17/21 14:17
880-5187-19	B-5 5'	Solid	08/16/21 12:43	08/17/21 14:17
880-5187-20	B-5 10'	Solid	08/16/21 12:44	08/17/21 14:17
880-5187-21	B-6 1'	Solid	08/16/21 12:27	08/17/21 14:17
880-5187-22	B-6 3'	Solid	08/16/21 12:28	08/17/21 14:17
880-5187-23	B-6 5'	Solid	08/16/21 12:29	08/17/21 14:17
880-5187-24	B-6 10'	Solid	08/16/21 12:30	08/17/21 14:17
880-5187-25	B-7 1'	Solid	08/16/21 13:13	08/17/21 14:17
880-5187-26	B-7 3'	Solid	08/16/21 13:14	08/17/21 14:17
880-5187-27	B-7 5'	Solid	08/16/21 13:15	08/17/21 14:17
880-5187-28	B-8 1'	Solid	08/16/21 13:21	08/17/21 14:17
880-5187-29	B-8 3'	Solid	08/16/21 13:22	08/17/21 14:17
880-5187-30	B-8 5'	Solid	08/16/21 13:23	08/17/21 14:17
880-5187-31	B-8 10'	Solid	08/16/21 13:24	08/17/21 14:17

[illegible]

Varson & Associates, Inc.

Environmental Consultants

507 N. Marientfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to

DATE: 8-17-21

PO#:

PROJECT LOCATION OR NAME: Blueberry SAT #1

LAB PROJECT #: 19-0180-08 COLLECTOR: TPT + MB

PAGE 2 OF 3

Loc: 880
5187N₂

HAIN-OF-CUSTODY

(Rev. 1)

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION				ANALYSES	FIELD NOTES	
						HCl	HNO ₃	H ₂ SO ₄ ☐ NaOH ☐	ICE			UNPRESERVED
5-4 10'		8-16-21	1215	S	1				X			
5-5 1'			1241						X			
5-5 3'			1242						X			
5-5 5'			1243						X			
5-5 10'			1244						X			
5-6 1'			1227									
5-6 3'			1228									
5-6 5'			1229									
5-6 7'			1230									
5-7 1'			1313									
5-7 3'			1314									
5-7 5'			1315									
5-8 1'			1321									
5-8 3'			1322									
5-8 5'			1323									
TOTAL 15												

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	TURN AROUND TIME
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	NORMAL ☒ 1 DAY ☐ 2 DAY ☐ OTHER ☐
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	LABORATORY USE ONLY: RECEIVING TEMP 25/30 THERM# 120 CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED ☐ CARRIER BILL # ☐ HAND DELIVERED

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

Marson & Associates, Inc.
Environmental Consultants

507 N. Marientfeld, Ste. 200
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 8-17-21 PAGE 3 OF 3
PO#: _____ LAB WORK ORDER#: _____
PROJECT LOCATION OR NAME: Blaine berry 541 #1
LAI PROJECT #: 19-0180-08 COLLECTOR: TP & MB

CHAIN-OF-CUSTODY

Nº

TRRP report?
☐ Yes ☒ No

S=SOIL
W=WATER
A=AIR
P=PAINT
SL=SLUDGE
OT=OTHER

TIME ZONE
Time zone/State
MST/MT

Field
Sample ID
5-8 101

Lab #

Date

Time

Matrix

of Containers

HCl

HNO₃

H₂SO₄ ☐ NaOH ☐

ICE

UNPRESSERVED

PRESERVATION

ANALYSES

BTEX ☒ MTBE ☐
TRPH 4-18 ☐ 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 ☐ DW 200.8 ☐ TCLP ☐
RO ☐ TOX ☐ FLASHPOINT ☐
TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐
PH ☐ HEXAVALENT CHROMIUM ☐
EXPLOSIVES ☐ PENTACHLORATE ☐
CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐

FIELD NOTES

TOTAL 1

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 25/30 THERM# 120
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

LABORATORY Name

Marson & Associates, Inc.

Environmental Consultants

880-5187 Chain of Custody

307 N. MICHIGAN, SUITE 200

Midland, TX 79701

432-687-0901

5187

DATE: 8-17-21

PAGE 1 OF 3

PO#:

LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Blueberry SAT #1

COLLECTOR: TP + MB

LAI PROJECT # 14-0180-08

FIELD NOTES

Data Reported to

TRRP report? ☐ Yes ☒ No

TIME ZONE
Time Zone/State
MST/NA

S=SOIL
W=WATER
A=AIR

P=PAINT
SL=SLUDGE
OT=OTHER

PRESERVATION

HCl
HNO₃
H₂SO₄ ☐ NaOH ☐
ICE
UNPRESERVED

ANALYSES

BTEX ☒ MTBE ☐
TPH 418 ☐ TPH 1005 ☐ TPH 1008 ☐
GASOLINE MOD 8015 ☐
DIESEL - MOD 8015 ☐
OIL - MOD 8015 ☐
VOC 8260 ☐
SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐
8081 PESTICIDES ☐ 8151 HERBICIDES ☐
TBLP - METALS (RCRA) ☐ TCLP VOC ☐
TCLP - PEST ☐ HERB ☐ Semi-VOC ☐
TOTAL METALS (RCRA) ☐ OTHER LIST ☐
LEAD - TOTAL ☐ DW 200.8 ☐ TCLP ☐
RCI ☐ TOX ☐ FLASHPOINT ☐
TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐
PH ☐ HEXAVALENT CHROMIUM ☐
EXPLOSIVES ☐ PECTHLORATE ☐
CHLORIDE ANIONS ☐ ALKALINITY ☐

FIELD NOTES

Field Sample ID	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO ₃	H ₂ SO ₄ ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES	FIELD NOTES
S-1 1'		8/16/21	1050	S	1						☒ BTEX ☒ MTBE ☐ TPH 418 ☐ TPH 1005 ☐ TPH 1008 ☐	
S-1 3'			1051								☒ GASOLINE MOD 8015 ☐	
S-1 5'			1052								☒ DIESEL - MOD 8015 ☐	
S-1 10'			1053								☒ OIL - MOD 8015 ☐	
S-2 1'			1101								☒ VOC 8260 ☐	
S-2 3'			1102								☒ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	
S-2 5'			1103								☒ 8081 PESTICIDES ☐ 8151 HERBICIDES ☐	
S-2 10'			1104								☒ TBLP - METALS (RCRA) ☐ TCLP VOC ☐	
S-3 1'			1110								☒ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	
S-3 3'			1111								☒ TOTAL METALS (RCRA) ☐ OTHER LIST ☐	
S-3 5'			1112								☒ LEAD - TOTAL ☐ DW 200.8 ☐ TCLP ☐	
S-3 10'			1113								☒ RCI ☐ TOX ☐ FLASHPOINT ☐	
S-4 1'			1212								☒ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	
S-4 3'			1213								☒ PH ☐ HEXAVALENT CHROMIUM ☐	
S-4 5'			1214								☒ EXPLOSIVES ☐ PECTHLORATE ☐	
TOTAL 15											☒ CHLORIDE ANIONS ☐ ALKALINITY ☐	

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

RELINQUISHED BY (Signature)

DATE/TIME

RECEIVED BY (Signature)

TURN AROUND TIME

LABORATORY USE ONLY:

LABORATORY Xenco

TURN AROUND TIME

LABORATORY USE ONLY:

TURN AROUND TIME

LABORATORY USE ONLY:

RECEIVING TEMP: 25/30 THERM# 128

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED

CARRIER BILL #

HAND DELIVERED

No 0658

CHAIN-OF-CUSTODY

8/27/2021 (Rev. 1)

~~8/27/2021~~ (Rev. 1)

[illegible]

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-5187-1

SDG Number: 19-0180-08

Login Number: 5187**List Number: 1****Creator: Teel, Brianna****List Source: Eurofins Xenco, Midland**

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-10998-1

Laboratory Sample Delivery Group: Lea Co, NM

Client Project/Site: Blinbry Sat #1

Revision: 1

For:

Crain Environmental
2925 E. 17th St.
Odessa, Texas 79761

Attn: Cindy Crain

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

Authorized for release by:
2/24/2022 9:16:28 AM

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

LINKS

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results through

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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Laboratory Job ID: 880-10998-1
SDG: Lea Co, NM

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Definitions/Glossary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Eurofins Midland

Case Narrative

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Job ID: 880-10998-1

Laboratory: Eurofins Midland

Narrative

Job Narrative 880-10998-1

REVISION

The report being provided is a revision of the original report sent on 2/22/2022. The report (revision 1) is being revised due to Per client email, corrected BTEX totals.

Report revision history

Receipt

The samples were received on 2/8/2022 11:31 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 1.0°C

GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-69 (880-10998-1), C-72 (880-10998-2), Exp-C-72 (880-10998-3), LC-2 (880-10998-5), (LCS 880-19816/1-A), (LCSD 880-19816/2-A) and (880-10994-A-22-G). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-19816 and analytical batch 880-19796 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: C-72 (880-10998-2), Exp-C-72 (880-10998-3), LC-2 (880-10998-5), (880-10994-A-21-F MS) and (880-10994-A-21-G MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC

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

Client Sample Results

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Client Sample ID: C-69

Lab Sample ID: 880-10998-1

Date Collected: 02/07/22 15:00

Matrix: Solid

Date Received: 02/08/22 11:31

Sample Depth: 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg	-	02/18/22 10:51	02/20/22 18:47	1
Toluene	0.00545		0.00200	0.000456	mg/Kg	-	02/18/22 10:51	02/20/22 18:47	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg	-	02/18/22 10:51	02/20/22 18:47	1
m-Xylene & p-Xylene	0.0794		0.00400	0.00101	mg/Kg	-	02/18/22 10:51	02/20/22 18:47	1
o-Xylene	0.219		0.00200	0.000344	mg/Kg	-	02/18/22 10:51	02/20/22 18:47	1
Xylenes, Total	0.298		0.00400	0.00101	mg/Kg	-	02/18/22 10:51	02/20/22 18:47	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	282	S1+	70 - 130				02/18/22 10:51	02/20/22 18:47	1
1,4-Difluorobenzene (Surr)	74		70 - 130				02/18/22 10:51	02/20/22 18:47	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.304		0.00400	0.00101	mg/Kg	-		02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	1860		49.9	15.0	mg/Kg	-		02/15/22 16:35	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	155		49.9	15.0	mg/Kg	-	02/08/22 15:41	02/09/22 06:22	1
Diesel Range Organics (Over C10-C28)	1700	B	49.9	15.0	mg/Kg	-	02/08/22 15:41	02/09/22 06:22	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg	-	02/08/22 15:41	02/09/22 06:22	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130				02/08/22 15:41	02/09/22 06:22	1
o-Terphenyl	76		70 - 130				02/08/22 15:41	02/09/22 06:22	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.3		4.95	0.850	mg/Kg	-		02/15/22 09:48	1

Client Sample ID: C-72

Lab Sample ID: 880-10998-2

Date Collected: 02/07/22 15:10

Matrix: Solid

Date Received: 02/08/22 11:31

Sample Depth: 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000388	U	0.00202	0.000388	mg/Kg	-	02/18/22 10:51	02/20/22 19:14	1
Toluene	<0.000460	U	0.00202	0.000460	mg/Kg	-	02/18/22 10:51	02/20/22 19:14	1
Ethylbenzene	<0.000570	U	0.00202	0.000570	mg/Kg	-	02/18/22 10:51	02/20/22 19:14	1
m-Xylene & p-Xylene	<0.00102	U	0.00403	0.00102	mg/Kg	-	02/18/22 10:51	02/20/22 19:14	1
o-Xylene	0.0965		0.00202	0.000347	mg/Kg	-	02/18/22 10:51	02/20/22 19:14	1
Xylenes, Total	0.0965		0.00403	0.00102	mg/Kg	-	02/18/22 10:51	02/20/22 19:14	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	187	S1+	70 - 130				02/18/22 10:51	02/20/22 19:14	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Client Sample ID: C-72

Lab Sample ID: 880-10998-2

Date Collected: 02/07/22 15:10

Matrix: Solid

Date Received: 02/08/22 11:31

Sample Depth: 8'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	02/18/22 10:51	02/20/22 19:14	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.0965		0.00403	0.00102	mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	75.0		50.0	15.0	mg/Kg			02/17/22 15:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.1	J	50.0	15.0	mg/Kg		02/08/22 15:41	02/09/22 06:41	1
Diesel Range Organics (Over C10-C28)	52.9	B	50.0	15.0	mg/Kg		02/08/22 15:41	02/09/22 06:41	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/08/22 15:41	02/09/22 06:41	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	67	S1-	70 - 130				02/08/22 15:41	02/09/22 06:41	1
o-Terphenyl	71		70 - 130				02/08/22 15:41	02/09/22 06:41	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	174		5.01	0.860	mg/Kg			02/15/22 09:54	1

Client Sample ID: Exp-C-72

Lab Sample ID: 880-10998-3

Date Collected: 02/07/22 15:20

Matrix: Solid

Date Received: 02/08/22 11:31

Sample Depth: 8'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000383	U	0.00199	0.000383	mg/Kg		02/18/22 10:51	02/20/22 19:40	1
Toluene	0.00120	J	0.00199	0.000453	mg/Kg		02/18/22 10:51	02/20/22 19:40	1
Ethylbenzene	0.00198	J	0.00199	0.000562	mg/Kg		02/18/22 10:51	02/20/22 19:40	1
m-Xylene & p-Xylene	<0.00100	U	0.00398	0.00100	mg/Kg		02/18/22 10:51	02/20/22 19:40	1
o-Xylene	0.000433	J	0.00199	0.000342	mg/Kg		02/18/22 10:51	02/20/22 19:40	1
Xylenes, Total	<0.00100	U	0.00398	0.00100	mg/Kg		02/18/22 10:51	02/20/22 19:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	02/18/22 10:51	02/20/22 19:40	1
1,4-Difluorobenzene (Surr)	83		70 - 130	02/18/22 10:51	02/20/22 19:40	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00361	J	0.00398	0.00100	mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	29.3	J	49.9	15.0	mg/Kg			02/17/22 15:47	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Client Sample ID: Exp-C-72

Lab Sample ID: 880-10998-3

Date Collected: 02/07/22 15:20

Matrix: Solid

Date Received: 02/08/22 11:31

Sample Depth: 8'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	49.9	15.0	mg/Kg		02/08/22 15:41	02/09/22 07:03	1
Diesel Range Organics (Over C10-C28)	29.3	J B	49.9	15.0	mg/Kg		02/08/22 15:41	02/09/22 07:03	1
Oil Range Organics (Over C28-C36)	<15.0	U	49.9	15.0	mg/Kg		02/08/22 15:41	02/09/22 07:03	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	69	S1-	70 - 130				02/08/22 15:41	02/09/22 07:03	1
o-Terphenyl	74		70 - 130				02/08/22 15:41	02/09/22 07:03	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6.36		4.98	0.855	mg/Kg			02/15/22 10:00	1

Client Sample ID: LC-1

Lab Sample ID: 880-10998-4

Date Collected: 02/07/22 15:30

Matrix: Solid

Date Received: 02/08/22 11:31

Sample Depth: 5'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/18/22 10:51	02/20/22 20:07	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/18/22 10:51	02/20/22 20:07	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/18/22 10:51	02/20/22 20:07	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/18/22 10:51	02/20/22 20:07	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/18/22 10:51	02/20/22 20:07	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/18/22 10:51	02/20/22 20:07	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130				02/18/22 10:51	02/20/22 20:07	1
1,4-Difluorobenzene (Surr)	71		70 - 130				02/18/22 10:51	02/20/22 20:07	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	2070		50.0	15.0	mg/Kg			02/17/22 15:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		02/08/22 15:41	02/09/22 07:24	1
Diesel Range Organics (Over C10-C28)	2070	B	50.0	15.0	mg/Kg		02/08/22 15:41	02/09/22 07:24	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/08/22 15:41	02/09/22 07:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				02/08/22 15:41	02/09/22 07:24	1
o-Terphenyl	73		70 - 130				02/08/22 15:41	02/09/22 07:24	1

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Client Sample Results

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Client Sample ID: LC-1

Date Collected: 02/07/22 15:30

Date Received: 02/08/22 11:31

Sample Depth: 5'

Lab Sample ID: 880-10998-4

Matrix: Solid

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	59.8		5.00	0.858	mg/Kg			02/15/22 10:06	1

Client Sample ID: LC-2

Date Collected: 02/07/22 15:40

Date Received: 02/08/22 11:31

Sample Depth: 5'

Lab Sample ID: 880-10998-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/18/22 10:51	02/20/22 20:33	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/18/22 10:51	02/20/22 20:33	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/18/22 10:51	02/20/22 20:33	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/18/22 10:51	02/20/22 20:33	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/18/22 10:51	02/20/22 20:33	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/18/22 10:51	02/20/22 20:33	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	166	S1+	70 - 130				02/18/22 10:51	02/20/22 20:33	1
1,4-Difluorobenzene (Surr)	92		70 - 130				02/18/22 10:51	02/20/22 20:33	1

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00101	U	0.00400	0.00101	mg/Kg			02/10/22 09:50	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	85.3		50.0	15.0	mg/Kg			02/17/22 15:47	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		02/08/22 15:41	02/09/22 07:46	1
Diesel Range Organics (Over C10-C28)	85.3	B	50.0	15.0	mg/Kg		02/08/22 15:41	02/09/22 07:46	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/08/22 15:41	02/09/22 07:46	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	64	S1-	70 - 130				02/08/22 15:41	02/09/22 07:46	1
o-Terphenyl	66	S1-	70 - 130				02/08/22 15:41	02/09/22 07:46	1

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	11.6		4.95	0.850	mg/Kg			02/15/22 10:13	1

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Surrogate Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-10994-A-22-E MS	Matrix Spike	137 S1+	83
880-10994-A-22-F MSD	Matrix Spike Duplicate	105	77
880-10998-1	C-69	282 S1+	74
880-10998-2	C-72	187 S1+	96
880-10998-3	Exp-C-72	144 S1+	83
880-10998-4	LC-1	133 S1+	71
880-10998-5	LC-2	166 S1+	92
LCS 880-19816/1-A	Lab Control Sample	141 S1+	78
LCSD 880-19816/2-A	Lab Control Sample Dup	142 S1+	83
MB 880-19793/5-A	Method Blank	103	77
MB 880-19816/5-A	Method Blank	106	78

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10994-A-21-F MS	Matrix Spike	76	68 S1-
880-10994-A-21-G MSD	Matrix Spike Duplicate	76	68 S1-
880-10998-1	C-69	78	76
880-10998-2	C-72	67 S1-	71
880-10998-3	Exp-C-72	69 S1-	74
880-10998-4	LC-1	72	73
880-10998-5	LC-2	64 S1-	66 S1-
LCS 880-18846/2-A	Lab Control Sample	79	76
LCSD 880-18846/3-A	Lab Control Sample Dup	80	75
MB 880-18846/1-A	Method Blank	79	89

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

QC Sample Results

Client: Crain Environmental
Project/Site: Blineby Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-19793/5-A

Matrix: Solid

Analysis Batch: 19796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19793

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/18/22 09:11	02/19/22 22:03	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/18/22 09:11	02/19/22 22:03	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/18/22 09:11	02/19/22 22:03	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/18/22 09:11	02/19/22 22:03	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/18/22 09:11	02/19/22 22:03	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/18/22 09:11	02/19/22 22:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	02/18/22 09:11	02/19/22 22:03	1
1,4-Difluorobenzene (Surr)	77		70 - 130	02/18/22 09:11	02/19/22 22:03	1

Lab Sample ID: MB 880-19816/5-A

Matrix: Solid

Analysis Batch: 19796

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 19816

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000385	U	0.00200	0.000385	mg/Kg		02/18/22 10:51	02/20/22 12:14	1
Toluene	<0.000456	U	0.00200	0.000456	mg/Kg		02/18/22 10:51	02/20/22 12:14	1
Ethylbenzene	<0.000565	U	0.00200	0.000565	mg/Kg		02/18/22 10:51	02/20/22 12:14	1
m-Xylene & p-Xylene	<0.00101	U	0.00400	0.00101	mg/Kg		02/18/22 10:51	02/20/22 12:14	1
o-Xylene	<0.000344	U	0.00200	0.000344	mg/Kg		02/18/22 10:51	02/20/22 12:14	1
Xylenes, Total	<0.00101	U	0.00400	0.00101	mg/Kg		02/18/22 10:51	02/20/22 12:14	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/18/22 10:51	02/20/22 12:14	1
1,4-Difluorobenzene (Surr)	78		70 - 130	02/18/22 10:51	02/20/22 12:14	1

Lab Sample ID: LCS 880-19816/1-A

Matrix: Solid

Analysis Batch: 19796

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 19816

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	0.100	0.1019		mg/Kg		102	70 - 130
Toluene	0.100	0.09453		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.09307		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1873		mg/Kg		94	70 - 130
o-Xylene	0.100	0.1006		mg/Kg		101	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	141	S1+	70 - 130
1,4-Difluorobenzene (Surr)	78		70 - 130

Lab Sample ID: LCSD 880-19816/2-A

Matrix: Solid

Analysis Batch: 19796

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19816

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.100	0.1052		mg/Kg		105	70 - 130	3	35

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QC Sample Results

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

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

Lab Sample ID: LCSD 880-19816/2-A

Matrix: Solid

Analysis Batch: 19796

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 19816

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene	0.100	0.09730		mg/Kg		97	70 - 130	3	35
Ethylbenzene	0.100	0.09613		mg/Kg		96	70 - 130	3	35
m-Xylene & p-Xylene	0.200	0.1945		mg/Kg		97	70 - 130	4	35
o-Xylene	0.100	0.1051		mg/Kg		105	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 880-10994-A-22-E MS

Matrix: Solid

Analysis Batch: 19796

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 19816

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.000385	U F1	0.0994	0.01318	F1	mg/Kg		13	70 - 130
Toluene	<0.000456	U F1	0.0994	0.006262	F1	mg/Kg		6	70 - 130
Ethylbenzene	<0.000565	U F1	0.0994	0.001270	J F1	mg/Kg		1	70 - 130
m-Xylene & p-Xylene	0.00167	J F1 F2	0.199	0.02012	F1	mg/Kg		9	70 - 130
o-Xylene	<0.000344	U F1 F2	0.0994	0.01206	F1	mg/Kg		12	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130
1,4-Difluorobenzene (Surr)	83		70 - 130

Lab Sample ID: 880-10994-A-22-F MSD

Matrix: Solid

Analysis Batch: 19796

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 19816

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.000385	U F1	0.0996	<0.000383	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.000456	U F1	0.0996	<0.000454	U F1	mg/Kg		0	70 - 130	NC	35
Ethylbenzene	<0.000565	U F1	0.0996	0.001257	J F1	mg/Kg		1	70 - 130	1	35
m-Xylene & p-Xylene	0.00167	J F1 F2	0.199	0.001150	J F1 F2	mg/Kg		-0.3	70 - 130	178	35
o-Xylene	<0.000344	U F1 F2	0.0996	0.001410	J F1 F2	mg/Kg		1	70 - 130	158	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	77		70 - 130

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

Lab Sample ID: MB 880-18846/1-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<15.0	U	50.0	15.0	mg/Kg		02/08/22 15:41	02/08/22 23:20	1

Eurofins Midland

QC Sample Results

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

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

Lab Sample ID: MB 880-18846/1-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 18846

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	26.51	J	50.0	15.0	mg/Kg		02/08/22 15:41	02/08/22 23:20	1
Oil Range Organics (Over C28-C36)	<15.0	U	50.0	15.0	mg/Kg		02/08/22 15:41	02/08/22 23:20	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				02/08/22 15:41	02/08/22 23:20	1
o-Terphenyl	89		70 - 130				02/08/22 15:41	02/08/22 23:20	1

Lab Sample ID: LCS 880-18846/2-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 18846

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	953.6		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)	1000	910.9		mg/Kg		91	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	79		70 - 130				
o-Terphenyl	76		70 - 130				

Lab Sample ID: LCSD 880-18846/3-A

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 18846

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	914.0		mg/Kg		91	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	1000	917.5		mg/Kg		92	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	80		70 - 130						
o-Terphenyl	75		70 - 130						

Lab Sample ID: 880-10994-A-21-F MS

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Matrix Spike

Prep Type: Total/NA

Prep Batch: 18846

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	82.3		1000	949.8		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	569	B F1	1000	996.8	F1	mg/Kg		43	70 - 130
Surrogate	MS %Recovery	MS Qualifier	Limits						
1-Chlorooctane	76		70 - 130						
o-Terphenyl	68	S1-	70 - 130						

Eurofins Midland

QC Sample Results

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

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

Lab Sample ID: 880-10994-A-21-G MSD

Matrix: Solid

Analysis Batch: 18806

Client Sample ID: Matrix Spike Duplicate

Prep Type: Total/NA

Prep Batch: 18846

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	82.3		998	937.1		mg/Kg		86	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	569	B F1	998	1001	F1	mg/Kg		43	70 - 130	0	20
Surrogate	MSD %Recovery	MSD Qualifier	Limits								
1-Chlorooctane	76		70 - 130								
o-Terphenyl	68	S1-	70 - 130								

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-19057/1-A

Matrix: Solid

Analysis Batch: 19409

Client Sample ID: Method Blank

Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.858	U	5.00	0.858	mg/Kg			02/14/22 23:18	1

Lab Sample ID: LCS 880-19057/2-A

Matrix: Solid

Analysis Batch: 19409

Client Sample ID: Lab Control Sample

Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	250	249.3		mg/Kg		100	90 - 110

Lab Sample ID: LCSD 880-19057/3-A

Matrix: Solid

Analysis Batch: 19409

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	250	271.1		mg/Kg		108	90 - 110	8	20

Lab Sample ID: 880-10996-A-6-D MS

Matrix: Solid

Analysis Batch: 19409

Client Sample ID: Matrix Spike

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Chloride	17.9		248	285.1		mg/Kg		108	90 - 110

Lab Sample ID: 880-10996-A-6-E MSD

Matrix: Solid

Analysis Batch: 19409

Client Sample ID: Matrix Spike Duplicate

Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	17.9		248	258.4		mg/Kg		97	90 - 110	10	20

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

GC VOA

Analysis Batch: 19018

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10998-1	C-69	Total/NA	Solid	Total BTEX	
880-10998-2	C-72	Total/NA	Solid	Total BTEX	
880-10998-3	Exp-C-72	Total/NA	Solid	Total BTEX	
880-10998-4	LC-1	Total/NA	Solid	Total BTEX	
880-10998-5	LC-2	Total/NA	Solid	Total BTEX	

Prep Batch: 19793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-19793/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 19796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10998-1	C-69	Total/NA	Solid	8021B	19816
880-10998-2	C-72	Total/NA	Solid	8021B	19816
880-10998-3	Exp-C-72	Total/NA	Solid	8021B	19816
880-10998-4	LC-1	Total/NA	Solid	8021B	19816
880-10998-5	LC-2	Total/NA	Solid	8021B	19816
MB 880-19793/5-A	Method Blank	Total/NA	Solid	8021B	19793
MB 880-19816/5-A	Method Blank	Total/NA	Solid	8021B	19816
LCS 880-19816/1-A	Lab Control Sample	Total/NA	Solid	8021B	19816
LCSD 880-19816/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	19816
880-10994-A-22-E MS	Matrix Spike	Total/NA	Solid	8021B	19816
880-10994-A-22-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	19816

Prep Batch: 19816

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10998-1	C-69	Total/NA	Solid	5035	
880-10998-2	C-72	Total/NA	Solid	5035	
880-10998-3	Exp-C-72	Total/NA	Solid	5035	
880-10998-4	LC-1	Total/NA	Solid	5035	
880-10998-5	LC-2	Total/NA	Solid	5035	
MB 880-19816/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-19816/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-19816/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10994-A-22-E MS	Matrix Spike	Total/NA	Solid	5035	
880-10994-A-22-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 18806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10998-1	C-69	Total/NA	Solid	8015B NM	18846
880-10998-2	C-72	Total/NA	Solid	8015B NM	18846
880-10998-3	Exp-C-72	Total/NA	Solid	8015B NM	18846
880-10998-4	LC-1	Total/NA	Solid	8015B NM	18846
880-10998-5	LC-2	Total/NA	Solid	8015B NM	18846
MB 880-18846/1-A	Method Blank	Total/NA	Solid	8015B NM	18846
LCS 880-18846/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18846
LCSD 880-18846/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18846
880-10994-A-21-F MS	Matrix Spike	Total/NA	Solid	8015B NM	18846
880-10994-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	18846

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

GC Semi VOA

Prep Batch: 18846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10998-1	C-69	Total/NA	Solid	8015NM Prep	
880-10998-2	C-72	Total/NA	Solid	8015NM Prep	
880-10998-3	Exp-C-72	Total/NA	Solid	8015NM Prep	
880-10998-4	LC-1	Total/NA	Solid	8015NM Prep	
880-10998-5	LC-2	Total/NA	Solid	8015NM Prep	
MB 880-18846/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18846/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18846/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10994-A-21-F MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-10994-A-21-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 19517

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10998-1	C-69	Total/NA	Solid	8015 NM	

Analysis Batch: 19741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10998-2	C-72	Total/NA	Solid	8015 NM	
880-10998-3	Exp-C-72	Total/NA	Solid	8015 NM	
880-10998-4	LC-1	Total/NA	Solid	8015 NM	
880-10998-5	LC-2	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 19057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10998-1	C-69	Soluble	Solid	DI Leach	
880-10998-2	C-72	Soluble	Solid	DI Leach	
880-10998-3	Exp-C-72	Soluble	Solid	DI Leach	
880-10998-4	LC-1	Soluble	Solid	DI Leach	
880-10998-5	LC-2	Soluble	Solid	DI Leach	
MB 880-19057/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-19057/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-19057/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10996-A-6-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-10996-A-6-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Analysis Batch: 19409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10998-1	C-69	Soluble	Solid	300.0	19057
880-10998-2	C-72	Soluble	Solid	300.0	19057
880-10998-3	Exp-C-72	Soluble	Solid	300.0	19057
880-10998-4	LC-1	Soluble	Solid	300.0	19057
880-10998-5	LC-2	Soluble	Solid	300.0	19057
MB 880-19057/1-A	Method Blank	Soluble	Solid	300.0	19057
LCS 880-19057/2-A	Lab Control Sample	Soluble	Solid	300.0	19057
LCSD 880-19057/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	19057
880-10996-A-6-D MS	Matrix Spike	Soluble	Solid	300.0	19057
880-10996-A-6-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	19057

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Client Sample ID: C-69

Lab Sample ID: 880-10998-1

Date Collected: 02/07/22 15:00

Matrix: Solid

Date Received: 02/08/22 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	19816	02/18/22 10:51	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19796	02/20/22 18:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			19018	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19517	02/15/22 16:35	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 06:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	19057	02/10/22 15:11	CH	XEN MID
Soluble	Analysis	300.0		1			19409	02/15/22 09:48	CH	XEN MID

Client Sample ID: C-72

Lab Sample ID: 880-10998-2

Date Collected: 02/07/22 15:10

Matrix: Solid

Date Received: 02/08/22 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	19816	02/18/22 10:51	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19796	02/20/22 19:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			19018	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:47	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 06:41	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	19057	02/10/22 15:11	CH	XEN MID
Soluble	Analysis	300.0		1			19409	02/15/22 09:54	CH	XEN MID

Client Sample ID: Exp-C-72

Lab Sample ID: 880-10998-3

Date Collected: 02/07/22 15:20

Matrix: Solid

Date Received: 02/08/22 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	19816	02/18/22 10:51	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19796	02/20/22 19:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			19018	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:47	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 07:03	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	19057	02/10/22 15:11	CH	XEN MID
Soluble	Analysis	300.0		1			19409	02/15/22 10:00	CH	XEN MID

Client Sample ID: LC-1

Lab Sample ID: 880-10998-4

Date Collected: 02/07/22 15:30

Matrix: Solid

Date Received: 02/08/22 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	19816	02/18/22 10:51	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19796	02/20/22 20:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			19018	02/10/22 09:50	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Client Sample ID: LC-1

Lab Sample ID: 880-10998-4

Date Collected: 02/07/22 15:30

Matrix: Solid

Date Received: 02/08/22 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:47	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 07:24	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	19057	02/10/22 15:11	CH	XEN MID
Soluble	Analysis	300.0		1			19409	02/15/22 10:06	CH	XEN MID

Client Sample ID: LC-2

Lab Sample ID: 880-10998-5

Date Collected: 02/07/22 15:40

Matrix: Solid

Date Received: 02/08/22 11:31

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	19816	02/18/22 10:51	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	19796	02/20/22 20:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			19018	02/10/22 09:50	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			19741	02/17/22 15:47	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18846	02/08/22 15:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18806	02/09/22 07:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	19057	02/10/22 15:11	CH	XEN MID
Soluble	Analysis	300.0		1			19409	02/15/22 10:13	CH	XEN MID

Laboratory References:

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

Eurofins Midland

Accreditation/Certification Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22
The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.			
Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	XEN MID
Total BTEX	Total BTEX Calculation	TAL SOP	XEN MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
300.0	Anions, Ion Chromatography	MCAWW	XEN MID
5035	Closed System Purge and Trap	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID
DI Leach	Deionized Water Leaching Procedure	ASTM	XEN MID

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Eurofins Midland

Sample Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-10998-1
SDG: Lea Co, NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-10998-1	C-69	Solid	02/07/22 15:00	02/08/22 11:31	8'
880-10998-2	C-72	Solid	02/07/22 15:10	02/08/22 11:31	8'
880-10998-3	Exp-C-72	Solid	02/07/22 15:20	02/08/22 11:31	8'
880-10998-4	LC-1	Solid	02/07/22 15:30	02/08/22 11:31	5'
880-10998-5	LC-2	Solid	02/07/22 15:40	02/08/22 11:31	5'

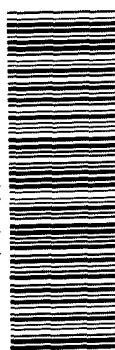


Environment Testing

Houston, TX (281) 240-4200, Dallas, TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Chain of Custody

Wor



880-10998 Chain of Custody

www.xenco.com Page 1 of 1

Project Manager:	Cindy Crain	Bill to: (if different)	Leasa Hale
Company Name:	Crain Environmental	Company Name:	Southwest Royalties Inc.
Address:	2985 E. 17th St.	Address:	P.O. Box 53570
City, State ZIP:	Odessa, TX 79761	City, State ZIP:	Midland, TX 79710
Phone:	(575) 441-7244	Email:	Cindy.Crain@gmail.com

Work Order Comments	
Program:	UST/PST ☐ PPP ☐ Brownfields ☐ RRC ☐ Superfund ☐
State of Project:	N/A
Reporting	Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐
Deliverables:	EDD ☐ ADAPT ☐ Other: _____

Project Name:	Blincoy Cat #		Turn Around		Pres. Code	ANALYSIS REQUEST										Preservative Codes		
Project Number:	-		☒ Routine ☐ Rush													None NO Cool Cool HCL HC H_2SO_4 H ₂ H_3PO_4 HP NaHSO ₄ NABIS $Na_2S_2O_3$ NASO ₃ Zn Acetate+NaOH Zn NaOH+Ascorbic Acid SAPC		
Project Location	Lea Co NM		Due Date:		TAT starts the day received by the lab, if received by 4:30pm													
Sampler's Name:	Lindy Crain																	
PO #	-																	
SAMPLE RECEIPT			Temp Blank:	Yes ☒ No ☐	Well Ice:	Yes ☒ No ☐												
Samples Received Intact:			Yes ☒ No ☐	Thermometer ID:	TPE													
Cooler Custody Seals:			Yes No	Correction Factor	1													
Sample Custody Seals:			Yes No	Temperature Reading:	.9													
Total Containers:				Corrected Temperature:	1.0													
Parameters																		
4 8015 M																		
EX																		
borides																		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	TPH	B7	Ch	Sample Comments
LC-49	S	2/7/22	1500	8'	C	1	X	X	X	202
LC-72	S		1510	8'			X	X	X	
EXP-LC-72	S		1520	8'			X	X	X	
LC-1	S		1530	4'			X	X	X	
LC-2	S		1540	4'			X	X	X	
LC-3	S			4'						cc
LC-4	S			4'						cc

Total 2007 / 6010	200.8 / 6020:	
Circle Method(s) and Metal(s) to be analyzed		8RCRA 13PPM Texas 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO ₂ Na Sr Ti Sn U V Zn
	TCCLP / SPLP 6010	8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U
		Hg 1631 / 2451 / 7470 / 7471

notice, signature or this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xeno, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xeno will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xeno. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xeno, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
1 <i>[Signature]</i>	<i>[Signature]</i>	2/8/22 11:31	2		
3			4		
5			6		

Login Sample Receipt Checklist

Client: Crain Environmental

Job Number: 880-10998-1

SDG Number: Lea Co, NM

Login Number: 10998

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-13095-1

Laboratory Sample Delivery Group: Lea Co. NM

Client Project/Site: Blinebry Sat #1

For:

Crain Environmental
2925 E. 17th St.
Odessa, Texas 79761

Attn: Cindy Crain

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

Authorized for release by:

4/1/2022 8:35:51 PM

Jessica Kramer, Project Manager
(432)704-5440

jessica.kramer@eurofinset.com

LINKS

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results through

TotalAccess

Have a Question?



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www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Laboratory Job ID: 880-13095-1
SDG: Lea Co. NM

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Definitions/Glossary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

Job ID: 880-13095-1

Laboratory: Eurofins Midland**Narrative**

Job Narrative
880-13095-1

Receipt

The samples were received on 3/30/2022 3:18 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.3°C

GC Semi VOA

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

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Client Sample Results

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

Client Sample ID: C-116

Lab Sample ID: 880-13095-1

Date Collected: 03/28/22 14:30

Matrix: Solid

Date Received: 03/30/22 15:18

Sample Depth: 5.1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/01/22 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/31/22 08:52	03/31/22 17:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 08:52	03/31/22 17:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 08:52	03/31/22 17:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/31/22 08:52	03/31/22 17:34	1
o-Terphenyl	104		70 - 130				03/31/22 08:52	03/31/22 17:34	1

Client Sample ID: C-137

Lab Sample ID: 880-13095-2

Date Collected: 03/28/22 14:50

Matrix: Solid

Date Received: 03/30/22 15:18

Sample Depth: 5.1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			04/01/22 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		03/31/22 08:52	03/31/22 17:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		03/31/22 08:52	03/31/22 17:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		03/31/22 08:52	03/31/22 17:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	91		70 - 130				03/31/22 08:52	03/31/22 17:55	1
o-Terphenyl	101		70 - 130				03/31/22 08:52	03/31/22 17:55	1

Client Sample ID: C-64

Lab Sample ID: 880-13095-3

Date Collected: 03/28/22 15:15

Matrix: Solid

Date Received: 03/30/22 15:18

Sample Depth: 5.1'

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			04/01/22 11:01	1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/31/22 08:52	03/31/22 18:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:52	03/31/22 18:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:52	03/31/22 18:16	1

Eurofins Midland

Client Sample Results

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

Client Sample ID: C-64
Date Collected: 03/28/22 15:15
Date Received: 03/30/22 15:18
Sample Depth: 5.1'

Lab Sample ID: 880-13095-3
Matrix: Solid

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	90		70 - 130	03/31/22 08:52	03/31/22 18:16	1
o-Terphenyl	106		70 - 130	03/31/22 08:52	03/31/22 18:16	1

Surrogate Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO1	OTPH1				
		(70-130)	(70-130)				
880-13095-1	C-116	91	104				
880-13095-2	C-137	91	101				
880-13095-3	C-64	90	106				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

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

Matrix: Solid

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	1CO2	OTPH2				
		(70-130)	(70-130)				
LCS 880-22691/2-A	Lab Control Sample	110	133 S1+				
LCSD 880-22691/3-A	Lab Control Sample Dup	113	140 S1+				
MB 880-22691/1-A	Method Blank	112	138 S1+				
Surrogate Legend							
1CO = 1-Chlorooctane							
OTPH = o-Terphenyl							

QC Sample Results

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

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

Lab Sample ID: MB 880-22691/1-A

Matrix: Solid

Analysis Batch: 22685

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 22691

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		03/31/22 08:52	03/31/22 10:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		03/31/22 08:52	03/31/22 10:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		03/31/22 08:52	03/31/22 10:33	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	112		70 - 130				03/31/22 08:52	03/31/22 10:33	1
o-Terphenyl	138	S1+	70 - 130				03/31/22 08:52	03/31/22 10:33	1

Lab Sample ID: LCS 880-22691/2-A

Matrix: Solid

Analysis Batch: 22685

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 22691

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Gasoline Range Organics (GRO)-C6-C10	1000	913.4		mg/Kg		91	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1090		mg/Kg		109	70 - 130
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
1-Chlorooctane	110		70 - 130				
o-Terphenyl	133	S1+	70 - 130				

Lab Sample ID: LCSD 880-22691/3-A

Matrix: Solid

Analysis Batch: 22685

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 22691

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	883.4		mg/Kg		88	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	1000	1101		mg/Kg		110	70 - 130	1	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
1-Chlorooctane	113		70 - 130						
o-Terphenyl	140	S1+	70 - 130						

Eurofins Midland

QC Association Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

GC Semi VOA

Analysis Batch: 22685

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13095-1	C-116	Total/NA	Solid	8015B NM	22691
880-13095-2	C-137	Total/NA	Solid	8015B NM	22691
880-13095-3	C-64	Total/NA	Solid	8015B NM	22691
MB 880-22691/1-A	Method Blank	Total/NA	Solid	8015B NM	22691
LCS 880-22691/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	22691
LCSD 880-22691/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	22691

Prep Batch: 22691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13095-1	C-116	Total/NA	Solid	8015NM Prep	
880-13095-2	C-137	Total/NA	Solid	8015NM Prep	
880-13095-3	C-64	Total/NA	Solid	8015NM Prep	
MB 880-22691/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-22691/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-22691/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 22793

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13095-1	C-116	Total/NA	Solid	8015 NM	
880-13095-2	C-137	Total/NA	Solid	8015 NM	
880-13095-3	C-64	Total/NA	Solid	8015 NM	

Lab Chronicle

Client: Crain Environmental
Project/Site: Blinbry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

Client Sample ID: C-116

Lab Sample ID: 880-13095-1

Date Collected: 03/28/22 14:30

Matrix: Solid

Date Received: 03/30/22 15:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			22793	04/01/22 11:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22691	03/31/22 08:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22685	03/31/22 17:34	AJ	XEN MID

Client Sample ID: C-137

Lab Sample ID: 880-13095-2

Date Collected: 03/28/22 14:50

Matrix: Solid

Date Received: 03/30/22 15:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			22793	04/01/22 11:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	22691	03/31/22 08:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22685	03/31/22 17:55	AJ	XEN MID

Client Sample ID: C-64

Lab Sample ID: 880-13095-3

Date Collected: 03/28/22 15:15

Matrix: Solid

Date Received: 03/30/22 15:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			22793	04/01/22 11:01	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	22691	03/31/22 08:52	AM	XEN MID
Total/NA	Analysis	8015B NM		1			22685	03/31/22 18:16	AJ	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH

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- 2
- 3
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- 6
- 7
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- 9
- 10
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- 12
- 13
- 14

Method Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

Method	Method Description	Protocol	Laboratory
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	XEN MID
8015NM Prep	Microextraction	SW846	XEN MID

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

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

Sample Summary

Client: Crain Environmental
Project/Site: Blinebry Sat #1

Job ID: 880-13095-1
SDG: Lea Co. NM

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-13095-1	C-116	Solid	03/28/22 14:30	03/30/22 15:18	5.1'
880-13095-2	C-137	Solid	03/28/22 14:50	03/30/22 15:18	5.1'
880-13095-3	C-64	Solid	03/28/22 15:15	03/30/22 15:18	5.1'

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Environment Testing
Xenco

Chain of Custody

Houston, TX (281) 240-4200, Dallas TX (214) 902-0300
Midland, TX (432) 704-5440, San Antonio, TX (210) 509-3334
El Paso, TX (915) 585-3443 Lubbock, TX (806) 794-1296
Hobbs, NM (575) 392-7550, Carlsbad, NM (575) 988-3199

Work Order No: 13095

www.xenco.com Page 1 of 1

Project Manager:	Lindy Crain	Bill to: (if different)	Leasa Hale
Company Name:	Crain Environmental	Company Name:	SWR
Address:	2925 E. 17th St.	Address:	P.O. Box 53570
City/State/Zip:	Odessa, TX 79761	City/State/Zip:	Midland, TX 79710
Phone:	(575) 441-7244	Email:	Lindy.Crain@gmail.com

Program: UST/PST ☐ PRP ☐ Brownfields ☐ RRC ☐ Superfund ☐	
State of Project: NM	
Reporting Level II ☐ Level III ☐ PST/UST ☐ TRRP ☐ Level IV ☐	Deliverables EDD ☐ ADAPT ☐ Other ☐

Project Name:	Blindery Sat #1	Turn Around	☒ Routine ☐ Rush	Pres. Code	
Project Number:		Due Date			
Project Location:	Lea Co., NM	TAT starts the day received by the lab, if received by 4:30pm			
Sample's Name:	Lindy Crain				
PO #					
SAMPLE RECEIPT	Temp Blank: Yes ☒ No ☐	Wet Ice: Yes ☒ No ☐	Parameters		
Samples Received Intact:	Yes ☒ No ☐	Thermometer ID:	TPH 8015 M		
Cooler Custody Seals:	Yes ☒ No ☐	Correction Factor:	-1		
Sample Custody Seals:	Yes ☒ No ☐	Temperature Reading:	54		
Total Containers:		Corrected Temperature:	5.3		

Sample Identification	Matrix	Date Sampled	Time Sampled	Depth	Grab/Comp	# of Cont	ANALYSIS REQUEST	Preservative Codes	Sample Comments
C-116	S	3/28/22	1430	5.1'	C	1		None NO	DI Water H ₂ O
C-137	S	3/28/22	1450	5.1'	C	1		Cool Cool	MeOH Me
C-164	S	3/28/22	1515	5.1'	C	1		HCL HC	HNO ₃ HN
								H ₂ SO ₄ H ₂	NaOH Na
								H ₃ PO ₄ HP	
								NaHSO ₄ NABIS	
								Na ₂ S ₂ O ₃ NaSO ₃	
								Zn Acetate+NaOH Zn	
								NaOH+Ascorbic Acid SARC	



880-13095 Chain of Custody

Total 200.7 / 6010 200.8 / 6020: 8RCRA 13PPM Texs 11 Al Sb As Ba Be B Cd Ca Cr Co Cu Fe Pb Mg Mn Mo Ni K Se Ag SiO₂ Na Sr Ti Sn U V Zn
Circle Method(s) and Metal(s) to be analyzed TCLP / SPLP 6010 8RCRA Sb As Ba Be Cd Cr Co Cu Pb Mn Mo Ni Se Ag Ti U Hg 1631 / 2451 / 7470 / 7471

Notice: Signature of this document and relinquishment of samples constitutes a valid purchase order from client company to Eurofins Xenco, its affiliates and subcontractors. It assigns standard terms and conditions of service. Eurofins Xenco will be liable only for the cost of samples and shall not assume any responsibility for any losses or expenses incurred by the client if such losses are due to circumstances beyond the control of Eurofins Xenco. A minimum charge of \$85.00 will be applied to each project and a charge of \$5 for each sample submitted to Eurofins Xenco, but not analyzed. These terms will be enforced unless previously negotiated.

Relinquished by (Signature)	Received by (Signature)	Date/Time	Relinquished by (Signature)	Received by (Signature)	Date/Time
<i>Lindy Crain</i>	<i>Leasa Hale</i>	3/30/22			
		15:18			

Login Sample Receipt Checklist

Client: Crain Environmental

Job Number: 880-13095-1

SDG Number: Lea Co. NM

Login Number: 13095

List Number: 1

Creator: Rodriguez, Leticia

List Source: Eurofins Midland

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



Appendix C: Photographic Documentation

Southwest Royalties, Inc.
Blinebry Satellite #1



View to E of W excavation (1/18/22).



View of E of W excavation at proposed liner area (1/18/22).



View to E of W excavation (E of proposed liner area). 1/18/22



View to W of W excavation (1/18/22).



View to S of E excavation (1/18/22).



View to N of proposed liner area at W excavation (2/7/22).



View of excavation at C-64 (4/18/22).



Excavation at C-116 (4/18/22).



Excavation at C-137 (4/18/22).



View to E of excavations at C-116 and C-137 (4/18/22).

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

State of New Mexico
Energy Minerals and Natural
Resources Department
Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

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

Incident ID	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron USA, Inc.	OGRID: 4323
Contact Name: Josepha DeLeon	Contact Telephone: 432-425-1528
Contact email: jdx@chevron.com	Incident # (assigned by OCD)
Contact mailing address: 1616 E. Bender Blvd., Hobbs, NM 88240	

Location of Release Source

Latitude 32.360 **Longitude** -103.0865

(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Blinebry Sat #1	Site Type: Battery
Date Release Discovered: 11/21/2019	API# (if applicable): NA

Unit Letter	Section	Township	Range	County
F	29	22S	38E	Lea

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls): 4.78 BO	Volume Recovered (bbls): 2 BO
☒ Produced Water	Volume Released (bbls): 79.8 BW	Volume Recovered (bbls): 10.99 BW
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☒ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units):	Volume/Weight Recovered (provide units)

Cause of Release:

3" poly line split due to external corrosion resulting in spill. Well isolated, vacuum truck to pick up water and haul to disposal.

Form C-141

Page 2

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
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Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Greater than 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? By Josepha DeLeon to Jim Griswold (NMOCD) and Jim Amos (BLM), voicemail and email 11/22/2019 as initially estimated volume would exceed 25 barrels.	

Initial Response

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

☒ The source of the release has been stopped. ☒ The impacted area has been secured to protect human health and the environment. ☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. ☒ All free liquids and recoverable materials have been removed and managed appropriately.	
If all the actions described above have <u>not</u> been undertaken, explain why:	
Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.	
I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.	
Signature: Printed Name: Josepha DeLeon email: jdx@chevron.com	 Date: November 28, 2019 Title: Environmental Compliance Specialist Telephone: 432-425-1528
<u>OCD Only</u> Received by: _____ Date: _____	

Incident ID	~~MAC0613753668~~
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?	<u>>104.5</u> (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.

Incident ID	~~NPAC0613753668~~
District RP	
Facility ID	
Application ID	

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

Printed Name: Amy Barnhill Title: Waste and Water Specialist
Signature:  Date: 3/19/2020
email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: Cristina Eads Date: 01/19/2021

Incident ID	nCE2026733719
District RP	
Facility ID	
Application ID	

Remediation Plan

Remediation Plan Checklist: *Each of the following items must be included in the plan.*

- ☒ Detailed description of proposed remediation technique
- ☒ Scaled sitemap with GPS coordinates showing delineation points
- ☒ Estimated volume of material to be remediated
- ☒ Closure criteria is to Table 1 specifications subject to 19.15.29.12(C)(4) NMAC
- ☒ Proposed schedule for remediation (note if remediation plan timeline is more than 90 days OCD approval is required)

Deferral Requests Only: *Each of the following items must be confirmed as part of any request for deferral of remediation.*

- ☒ Contamination must be in areas immediately under or around production equipment where remediation could cause a major facility deconstruction.
- ☒ Extents of contamination must be fully delineated.
- ☒ Contamination does not cause an imminent risk to human health, the environment, or groundwater.

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: Cynthia K. Crain Title: Agent for Southwest Royalties, Inc.
Signature:  Date: 6/1/22
email: cindy.crain@gmail.com Telephone: (575) 441-7244

OCD Only

Received by: _____ Date: _____

☐ Approved ☐ Approved with Attached Conditions of Approval ☐ Denied ☒ Deferral Approved

Signature:  Date: 06/02/2022

Incident ID	nCE2026733719
District RP	
Facility ID	
Application ID	

Closure

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

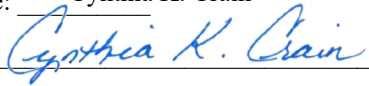
Closure Report Attachment Checklist: *Each of the following items must be included in the closure report.*

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

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

Printed Name: Cynthia K. Crain

Title: Agent for Southwest Royalties, Inc.

Signature: 

Date: 6/1/22

email: cindy.crain@gmail.com

Telephone: (575) 441-7244

OCD Only

Received by: _____

Date: _____

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

Closure Approved by: _____ Date: _____

Printed Name: _____

Title: _____

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 107769

CONDITIONS

Operator: SOUTHWEST ROYALTIES INC P O BOX 53570 Midland, TX 79710	OGRID: 21355
	Action Number: 107769
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved with Conditions. OCD approves backfilling excavations and approves request for a variance for a liner. OCD also approves Deferral Request to address impact in service road after excavations have been backfilled. OCD requests the deferral be in place for 90 days to address impacts in service road from date of backfill.	6/2/2022