

Incident ID: nAPP2531648708
REMEDIATION AND CLOSURE REPORT
Raley A #1
Crude Oil Release
Lea County, New Mexico

Latitude: 32.58313
Longitude: -103.16528

LAI Project No: 25-0124-01

March 2, 2026

Prepared for:

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1.0 INTRODUCTION

Larson & Associates, Inc. (LAI) has prepared this remediation and closure report on behalf of Raw Oil & Gas, Inc. for submittal to the New Mexico Oil Conservation Division (NMOCD) District I for a crude oil release at the Raley A #1 (Site) located in Unit P, Section 8, Township 20 South, Range 38 East, in Lea County, New Mexico. The geodetic position is 32.58313, -103.16528. Figure 1 presents a topographic map.

1.1 Background

The release occurred on November 11, 2025, and was caused by a hot oil truck catching on fire. About twenty-nine (29) barrels of crude oil were released onto the pad over an area of about 13,678 square feet; no fluid was recovered. The incident occurred on privately owned land. The initial C-141 and spill calculation were submitted to the NMOCD District I on November 26, 2025, and was assigned incident number nAPP2531648708. Appendix A presents the initial C-141 and spill calculation.

1.2 Physical Setting

The physical setting is as follows:

- Surface elevation is approximately 3,573 feet above mean sea level (msl).
- Surface topography slopes gently to the east.
- The nearest continuously flowing water course (Pecos River) is located about 54 miles to the west.
- The nearest lakebed, sinkhole, or playa lake is located about 0.75 miles to the southwest.
- The nearest wetland is located about 0.75 miles to the southwest.
- The nearest subsurface mine is located about 35.5 miles to the northeast.
- The nearest 100-year flood plain is located about 7.2 miles to the northeast.
- The nearest active water well for stock watering is located about 1.34 miles to the northwest.
- USGS karst occurrence potential data designates the area as low risk.
- The geology is described as Quaternary colluvial deposits composed of sand and silt deposited by slope wash and talus derived from the Ogallala formation.
- Soils are Ratcliff-Wink fine sandy loams, where the typical Ratcliff profile consists of 4 inches of fine sandy loam underlain by 56 inches of clay loam; and the typical Wink profile consists of 12 inches of fine sandy loam and 48 inches of sandy loam.
- Groundwater was reported at greater 60 feet below ground surface (bgs), based on a groundwater determination boring (GWB-1) drilled on September 13, 2021, about 0.19 miles east of the Site and was dry when gauged 72-hours after completion.

Figure 2 presents an aerial map with boring (GWB-1) location. Appendix B presents a karst potential map. Appendix C presents the soil boring log.

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1.3 Remediation Standards

The following remediation standards are based reclamation criteria for the upper four feet of soil and closure criteria for soils impacted by a release for groundwater between 51 and 100, as presented in Table 1 of 19.15.29 NMAC, for soil below four feet bgs:

Parameter	Reclamation Limits (<4 feet bgs)	Remediation Limits (>4 feet bgs)
Benzene	10 mg/kg	10 mg/kg
BTEX	50 mg/kg	50 mg/kg
TPH	100 mg/kg	2,500 mg/kg
Chloride	600 mg/kg	10,000 mg/kg

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

2.0 REMEDIATION PLAN

The remediation plan was outlined in the report titled, *Delineation Report and Remediation Plan, Raley A #1, Crude Oil Release, Lea County, New Mexico*, dated December 9, 2025. The report recommended the following remedial action:

- Use remediation criteria presented in Table 1 of 19.15.29 NMAC where groundwater is between 51 and 100 feet bgs, sensitive receptors are not within actionable distances, and where the release occurred onsite (benzene: 10 mg/kg, BTEX: 50 mg/kg, TPH: 1,000 mg/kg, and chloride: 10,000 mg/kg).
- Collect confirmation soil samples every 400 square feet from the bottom of the excavation, due to the size of the impacted/remediated area and that the delineation sample analytical results indicate that the release has likely been remediated based on closure criteria in Table 1 of 19.15.29 NMAC.
- Collect confirmation samples from the sidewalls every 200 square feet.
- Collect one (1) composite sample from backfill material prior to backfilling excavation.
- Laboratory analysis of all samples for BTEX, TPH, and chloride by NMOCD approved analytical methods.
- Backfill excavation with non-waste containing soil to surface level, assuming all confirmation and backfill samples are below NMOCD closure criteria.
- Prepare closure report for submittal to the NMOCD.

The remediation plan was approved, on December 19, 2025, under the following conditions, (1) All areas in the fire/spill area, not reasonably needed for equipment or production, will be required to

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be seeded within the first growing season after remediation and reclamation are achieved. (2) The request to collect 5-point confirmation samples every 400 square feet, and sidewall samples every 200 square feet is approved. (3) Collect at least one composite sample from the backfill material.

3.0 REMEDIATION

Between November 11, 2025, and January 30, 2026, approximately 1,172 cubic yards of impacted material was removed from an area of about 13,680 at depths between approximately one and six feet bgs. All impacted material was disposed of at the J&L Landfarm in Lea County, New Mexico. Fifty-seven five-point composite samples were collected from thirty-seven sample locations from the bottom and sidewalls of the excavation using a stainless-steel hand trowel. Bottom samples represent areas of about 400 square feet and sidewalls samples represent areas about 200 square feet, as approved by the NMOCD. All samples were delivered under chain-of-custody and preservation to Eurofins Laboratory (Eurofins) in Midland, Texas and analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA SW-846 Method 8021B; total petroleum hydrocarbons (TPH), including gasoline range organics (GRO), diesel range organics (DRO), and oil range organics (ORO) by EPA SW-846 Method 8015M; and chloride by EPA Method 300. Below are the detailed remedial activities.

Between November 11 and 12, 2025, 1st Backhoe Services (1BS), under the guidance of Raw removed approximately 672 cubic yards from an area of about 13,679 square feet to a depth of about one-foot bgs. On January 2, 2026, LAI personnel collected 37 initial five-point confirmation samples, C-1 through C-37, from the bottom and sidewalls of the excavation at a depth of approximately one-foot bgs. Eurofins reported that benzene and BTEX were below analytical reporting limits (RL) and reclamation closure criteria in all samples. TPH was reported above reclamation closure criteria of 100 mg/kg in samples C-19 (728 mg/kg) and C-30 (195 mg/kg). Chloride was reported above reclamation closure criteria of 600 mg/kg in fourteen samples including, C-05 (840 mg/kg), C-06 (632 mg/kg), C-19 (4,400 mg/kg), C-20 (2,120 mg/kg), C-21 (2,710 mg/kg), C-24 (768 mg/kg), C-27 (895 mg/kg), C-28 (1,220 mg/kg), C-29 (3,700 mg/kg), C-30 (1,350 mg/kg), C-31 (5,370 mg/kg), C-32 (9,100 mg/kg), C-33 (6,580 mg/kg), and C-34 (17,600 mg/kg).

Between January 20 and 30, 2026, 1BS, under the guidance of LAI personnel, removed an additional ~500 cubic yards of impacted material from an area of about 5,600 square feet from sample areas that were previously reported above closure criteria for soils above four feet bgs for TPH and/or chloride. LAI recollected fourteen samples (C-05, C-06, C-19, C-20, C-21, C-24, C-31, C-32, C-33, and C-34) at depths between two and six feet bgs after additional soil was removed from the excavation. Six additional sidewall samples (C-35 A and B, C-37 A through D) were collected to maintain the 200 square foot sample area size requirement as depth of the excavation increased. Samples were field screened for TPH and chloride prior to laboratory analysis. Eurofins reported that all samples were below closure criteria for all parameters.

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Laboratory analysis demonstrates that benzene, BTEX, TPH, and chloride were remediated below the NMOCDs most restrictive closure criteria in soil less than four feet bgs and closure criteria for groundwater between 51 and 100 feet bgs in soil greater than four feet bgs, as listed in Table 1 of 19.15.29 NMAC. Sampling notifications were submitted for each day samples were collected. Table 2 presents the confirmation sample analytical summary. Figure 3 presents an aerial map with the excavation areas and confirmation sample locations. Appendix D presents the sampling notifications. Appendix E presents the laboratory reports. Appendix F presents photographic documentation.

On December 29, 2025, LAI personnel collected one composite backfill sample, BF-1, from a borrow pit located in Units E and F, Section 9, Township 20 South, Range 38 East, in Lea County, New Mexico. The sample was analyzed by Eurofins and was reported below the analytical method RL below the NMOCD requirements prescribed in 19.15.29.13D(1) NMAC for benzene, BTEX, TPH, and chloride.

On February 24, 2026, 1BS completed backfilling the excavation with the non-waste containing backfill material collected from the nearby borrow pit and restored the surface to a similar condition prior to remediation. Table 2 presents the backfill sample analytical summary. Appendix E presents the laboratory reports. Appendix F presents photographic documentation.

4.0 CLOSURE REQUEST

Raw requests closure for nAPP2531648708.

Tables

Table 1
Delineation Sample Analytical Summary
Raw Oil Gas - Raley A #1
Lea County, New Mexico
32.58313, -103.16528

Sample ID	Depth Feet	Collection Date	Benzene (mg/Kg)	BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	MRO (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Delineation Limits:			10	50				100	600
S-01	1	11/14/25	<0.00200	<0.00399	<50.3	<50.3	<50.3	<50.3	132
S-01	2	11/14/25	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	130
S-02	1	11/14/25	<0.00199	<0.00398	<49.6	<49.6	<49.6	<49.6	<9.94
S-02	2	11/14/25	<0.00198	<0.00396	<49.6	<49.6	<49.6	<49.6	<9.92
S-03	1	11/14/25	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<10.0
S-03	2	11/14/25	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	<9.98
S-04	1	11/14/25	<0.00202	<0.00404	<50.4	<50.4	<50.4	<50.4	<9.94
S-04	2	11/14/25	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	<9.92
S-05	1	11/14/25	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	18.1
S-05	2	11/14/25	<0.00200	<0.00399	<49.7	<49.7	<49.7	<49.7	15.2
S-06	1	11/14/25	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	41
S-06	2	11/14/25	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	104
S-07	1	11/14/25	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	628
S-07	2	11/14/25	<0.00198	<0.00396	<49.6	<49.6	<49.6	<49.6	1,530
S-07	3	12/03/25	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	1,930
S-07	4	12/03/25	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	363
S-07	5	12/03/25	<0.00202	0.00571	<50.0	<50.0	<50.0	<50.0	<9.94
S-08	1	11/14/25	<0.00200	<0.00399	<50.2	<50.2	<50.2	<50.2	1,480
S-08	2	11/14/25	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	2,020
S-08	3	12/03/25	<0.00199	<0.00398	<50.2	<50.2	<50.2	<50.2	2,870
S-08	4	12/03/25	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	417
S-08	5	12/03/25	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<9.94
S-09	0-0.5	11/14/25	<0.00202	<0.00403	<50.4	<50.4	<50.4	<50.4	75.1
S-10	0-0.5	11/14/25	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<10.0
S-11	0-0.5	11/14/25	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	<9.98
S-12	0-0.5	11/14/25	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<9.96

Notes:

Analysis performed by Eurofins Laboratories (Eurofins), in Midland, Texas, by EPA SW-846 Methods 8021B (BTEX) and 8015M (TPH), and EPA Method 300 (chloride).

BTEX: benzene, toluene, ethylbenzene, xylene

TPH: total petroleum hydrocarbons

GRO: gasoline range organics (C6-C-10)

DRO: diesel range organics (>C10-C28)

MRO: oil range organics (>C28-C36)

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

<: indicates that parameter concentration is below analytical method reporting limit

Depth reported in feet below ground surface (bgs)

Bold and highlighted indicates parameter concentration is above NMOCD delineation limits

Table 2
Confirmation Sample Analytical Summary
Raw Oil Gas - Raley A #1
Eddy County, New Mexico
32.01973, -104.14068

Sample ID	Depth (feet)	Location	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	MRO (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Criteria:					10	50				100/1,000	600/10,000
C-01	1	Bottom	01/02/2026	In-situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<9.94
C-02	1	Bottom	01/02/2026	In-situ	<0.00201	<0.00402	<50.5	<50.5	<50.5	<50.5	<9.98
C-03	1	Bottom	01/02/2026	In-situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	<9.94
C-04	1	Bottom	01/02/2026	In-situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	40.9
C-05	1	Bottom	01/02/2026	Excavated	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	840
C-05	2	Bottom	01/28/2026	In-situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	22.7
C-06	1	Bottom	01/02/2026	Excavated	<0.00200	<0.00400	<50.0	102	<50.0	102	632
C-06	2	Bottom	01/28/2026	In-situ	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	21.8
C-07	1	Bottom	01/02/2026	In-situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	117
C-08	1	Bottom	01/02/2026	In-situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	118
C-09	1	Bottom	01/02/2026	In-situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	16.3
C-10	1	Bottom	01/02/2026	In-situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	17.1
C-11	1	Bottom	01/02/2026	In-situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	21.1
C-12	1	Bottom	01/02/2026	In-situ	0.00223	<0.00398	<49.9	<49.9	<49.9	<49.9	19.0
C-13	1	Bottom	01/02/2026	In-situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<9.92
C-14	1	Bottom	01/02/2026	In-situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	52.9
C-15	1	Bottom	01/02/2026	In-situ	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	76.5
C-16	1	Bottom	01/02/2026	In-situ	<0.00202	<0.00403	<49.9	80.9	<49.9	80.9	184
C-17	1	Bottom	01/02/2026	In-situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	259
C-18	1	Bottom	01/02/2026	In-situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	517
C-19	1	Bottom	01/02/2026	Excavated	<0.00200	<0.00400	<50.0	586	142	728	4,400
C-19	2	Bottom	01/28/2026	In-situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	223
C-20	1	Bottom	01/02/2026	Excavated	<0.00199	<0.00398	<49.8	<49.8	52.7	52.7	2,120
C-20	2	Bottom	01/21/2026	In-situ	<0.00199	<0.00398	<50.2	<50.2	<50.2	<50.2	102
C-21	1	Bottom	01/02/2026	Excavated	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	2,710
C-21	2	Bottom	01/21/2026	In-situ	<0.00198	<0.00396	<50.1	<50.1	<50.1	<50.1	27.9
C-22	1	Bottom	01/02/2026	In-situ	<0.00199	<0.00398	<50.1	<50.1	<50.1	<50.1	118
C-23	1	Bottom	01/02/2026	In-situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	39.3
C-24	1	Bottom	01/02/2026	Excavated	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	768
C-24	2	Bottom	01/21/2026	In-situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	109

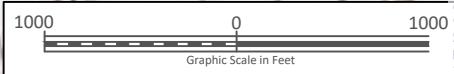
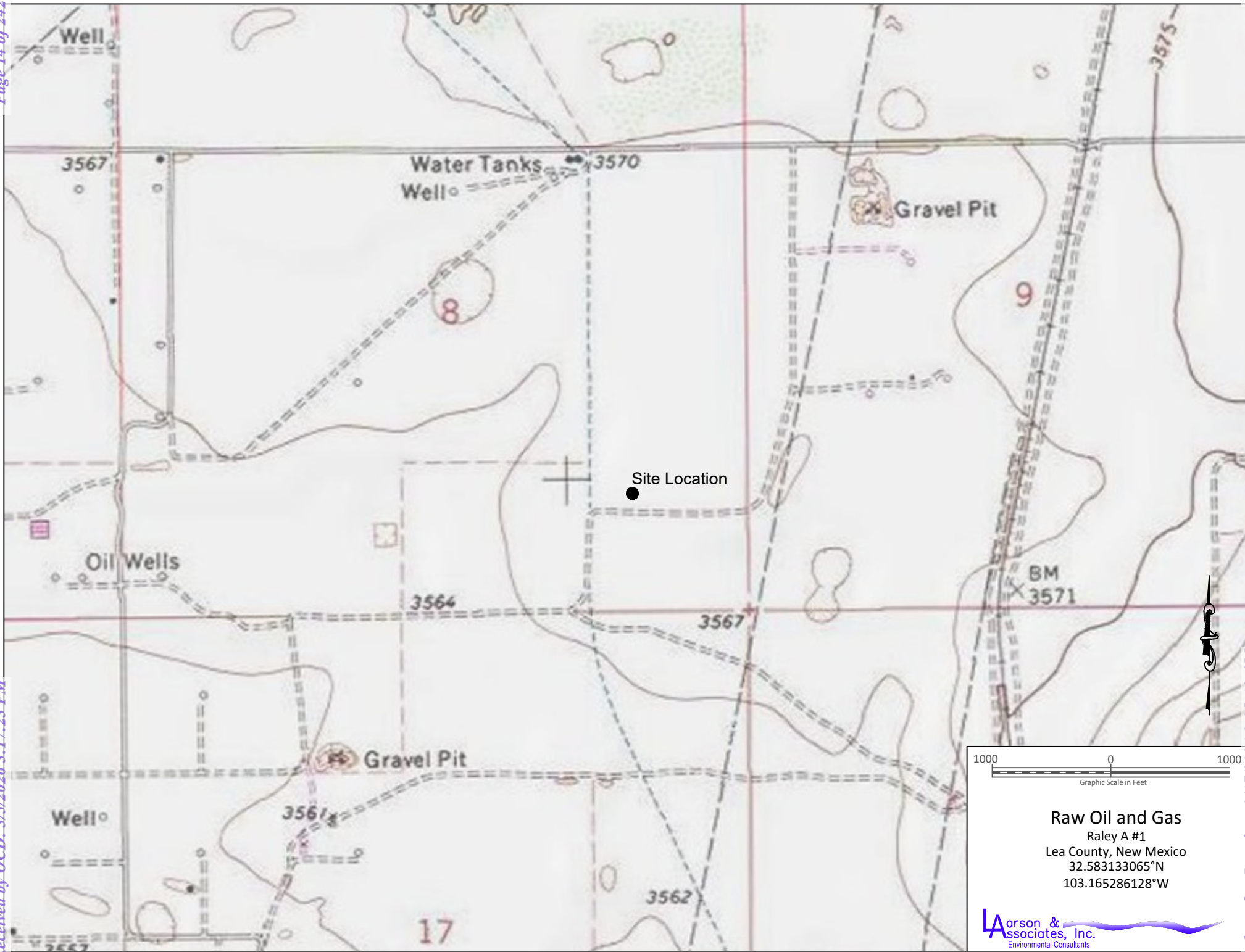
Table 2
Confirmation Sample Analytical Summary
Raw Oil Gas - Raley A #1
Eddy County, New Mexico
32.01973, -104.14068

Sample ID	Depth (feet)	Location	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	MRO (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Criteria:					10	50				100/1,000	600/10,000
C-25	1	Bottom	01/02/2026	In-situ	<0.00201	0.00941	<50.1	<50.1	<50.1	<50.1	36.0
C-26	1	Bottom	01/02/2026	In-situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	128
C-27	1	Bottom	01/02/2026	Excavated	<0.00198	<0.00396	<50.1	<50.1	<50.1	<50.1	895
C-27	2	Bottom	01/28/2026	In-situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	130
C-28	1	Bottom	01/02/2026	Excavated	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	1,220
C-28	3	Bottom	01/29/2026	In-situ	<0.00198	<0.00396	<50.4	<50.4	<50.4	<50.4	73.3
C-29	1	Bottom	01/02/2026	Excavated	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	3,700
C-29	5	Sidewall	01/30/2026	In-situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	1,060
C-30	1	Bottom	01/02/2026	Excavated	<0.00199	<0.00398	<49.9	195	<49.9	195	1,350
C-30	6	Bottom	01/30/2026	In-situ	<0.00200	<0.00400	<50.1	<50.1	<50.1	<50.1	252
C-31	1	Bottom	01/02/2026	Excavated	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	5,370
C-31	5	Bottom	01/29/2026	In-situ	<0.00201	<0.00402	<50.2	59.6	<50.2	59.6	7,620
C-32	1	Bottom	01/02/2026	Excavated	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	9,100
C-32	4.1	Bottom	01/29/2026	In-situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	984
C-33	1	Bottom	01/02/2026	Excavated	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	6,580
C-33	4.1	Bottom	01/21/2026	In-situ	<0.00198	<0.00396	<50.1	<50.1	<50.1	<50.1	1,520
C-34	1	Bottom	01/02/2026	Excavated	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	17,600
C-34	4.1	Bottom	01/21/2026	In-situ	<0.00200	<0.00399	<50.1	<50.1	<50.1	<50.1	1,670
C-35	1	Sidewall	01/02/2026	In-situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	20.0
C-35A	0-2	Sidewall	01/29/2026	In-situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	41.9
C-35B	0-1	Sidewall	01/29/2026	In-situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	37.5
C-36	1	Sidewall	01/02/2026	In-situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<10.1
C-37	1	Sidewall	01/02/2026	In-situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<9.94
C-37A	0-6	Sidewall	01/30/2026	In-situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	118
C-37B	0-5	Sidewall	01/30/2026	In-situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	42.7
C-37C	0-4.1	Sidewall	01/30/2026	In-situ	<0.00202	<0.00404	<50.1	<50.1	<50.1	<50.1	58.4
C-37D	0-4.1	Sidewall	01/30/2026	In-situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	22.2
Back Fill Sample											
BF-01	--	--	12/29/2025	--	<0.00200	<0.00399	<50.5	<50.5	<50.5	<50.5	<9.92

Table 2
Confirmation Sample Analytical Summary
Raw Oil Gas - Raley A #1
Eddy County, New Mexico
32.01973, -104.14068

Sample ID	Depth (feet)	Location	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	GRO (mg/Kg)	DRO (mg/Kg)	MRO (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Criteria:					10	50				100/1,000	600/10,000
Notes:											
Analysis performed by Eurofins Laboratories (Eurofins), in Midland, Texas, by EPA SW-846 Methods 8021B (BTEX) and 8015M (TPH), and EPA Method 300 (chloride). mg/Kg: milligrams per kilogram; equivalent to parts per million (ppm) BTEX: benzene, toluene, ethylbenzene, xylene TPH: total petroleum hydrocarbons GRO: gasoline range organics (C1-C-10) DRO: diesel range organics (>C10-C28) MRO: oil range organics (>C28-C36) <: indicates that parameter concentration is below analytical method reporting limit Bold and highlighted indicates parameter concentration is above NMOCD closure criteria											

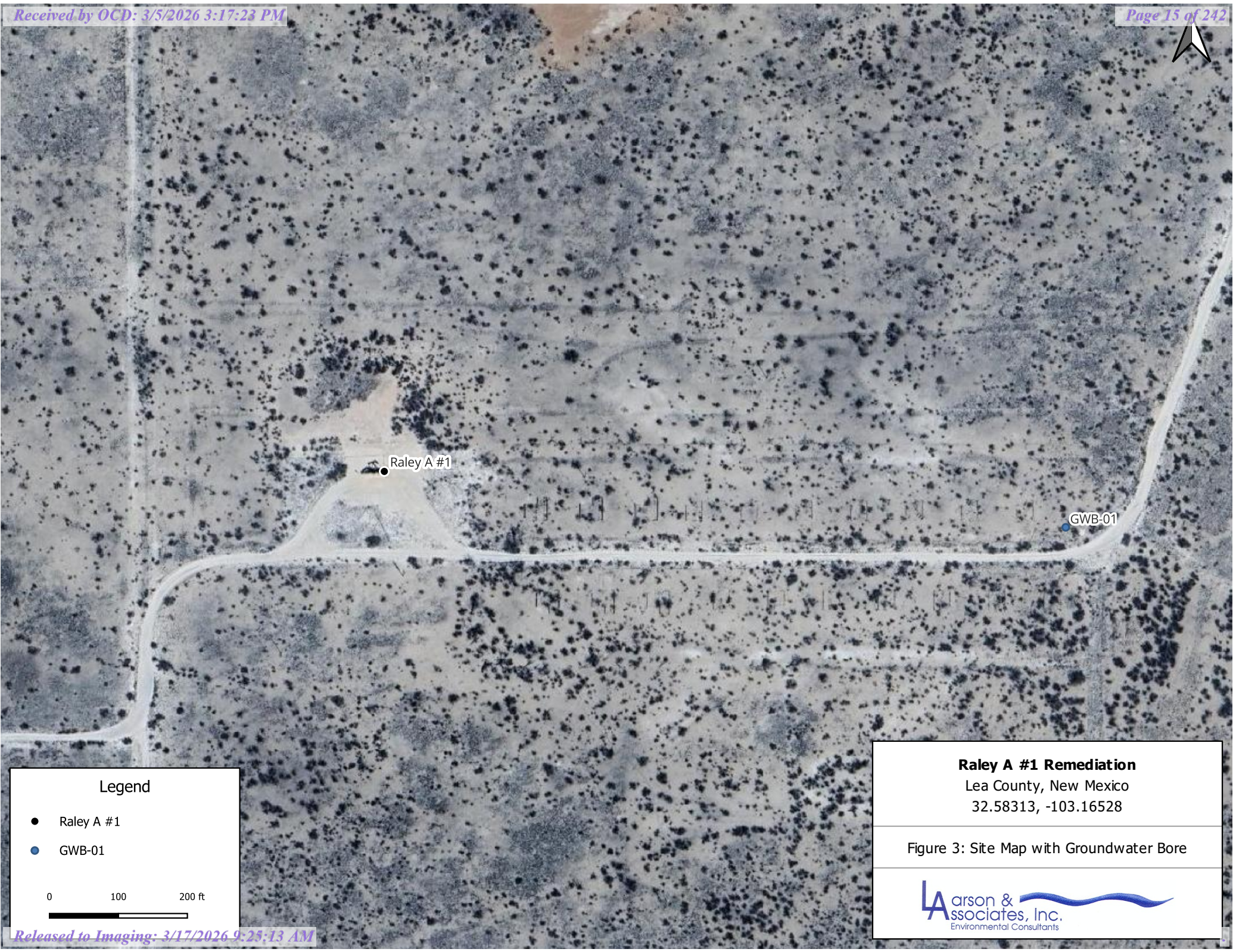
Figures



Raw Oil and Gas
 Raley A #1
 Lea County, New Mexico
 32.583133065°N
 103.165286128°W



Figure 1 - Topographic Map



Raley A #1

GWB-01

Legend

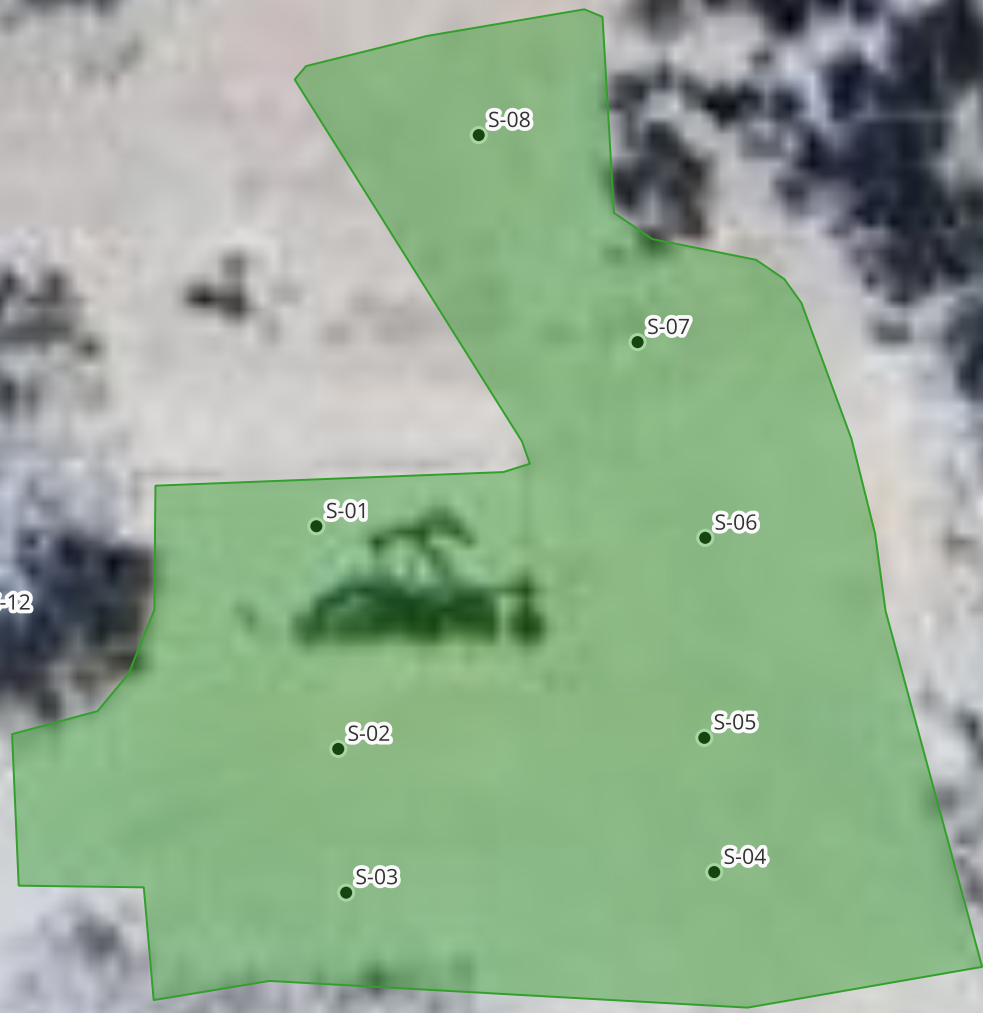
- Raley A #1
- GWB-01

0 100 200 ft



Raley A #1 Remediation
Lea County, New Mexico
32.58313, -103.16528

Figure 3: Site Map with Groundwater Bore

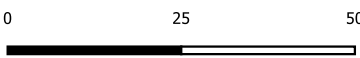
Larson & Associates, Inc.
Environmental Consultants



Legend

-  Excavation Area
-  Delineation Samples

0 25 50 ft

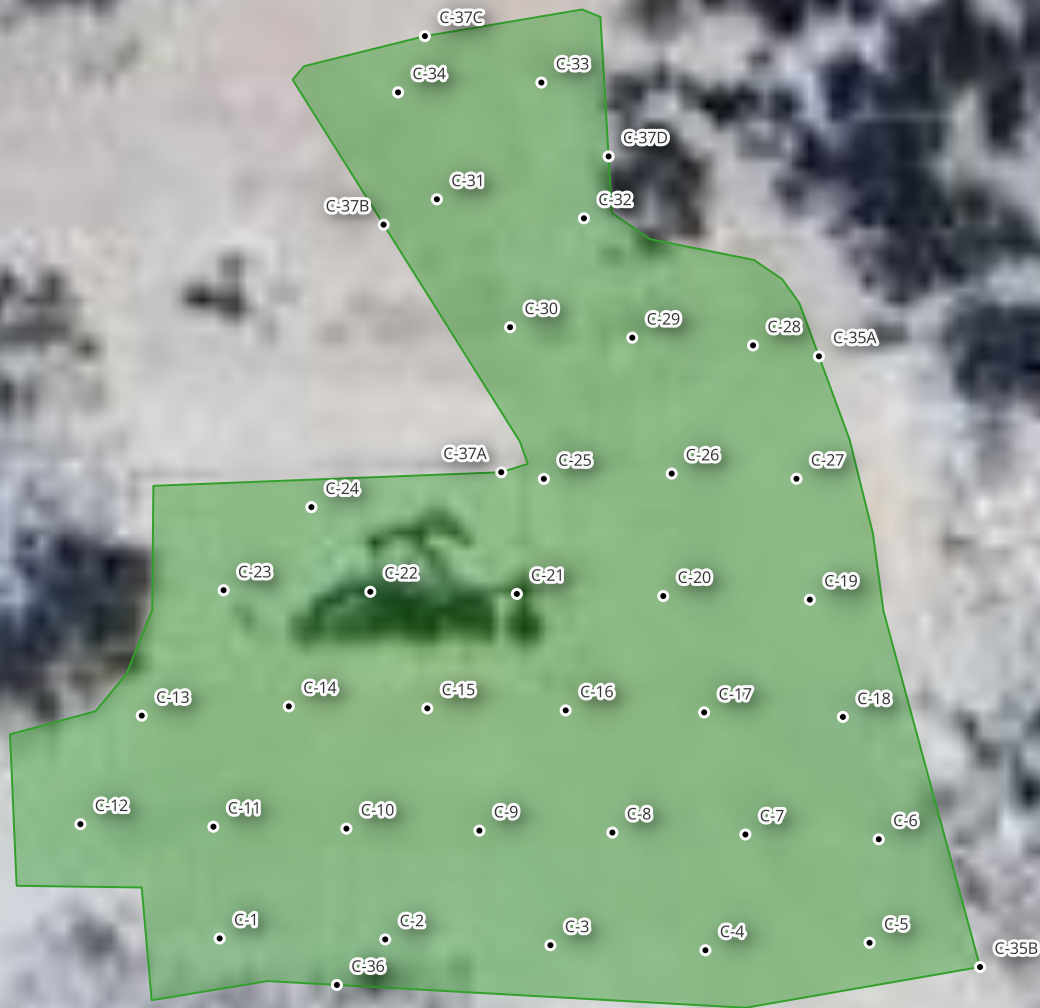


Raley A #1 Remediation
Lea County, New Mexico
32.58313, -103.16528



Figure 3 - Delineation Sample Map



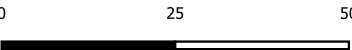
Larson & Associates, Inc.
Environmental Consultants



Legend

-  Excavation Area
-  Confirmation Sample

0 25 50 ft



Raley A #1 Remediation
Lea County, New Mexico
32.58313, -103.16528

Figure 4 - Confirmation Sample Map



Larson & Associates, Inc.
Environmental Consultants

Appendix A
Initial C-141 and Spill Calculation

Raley A #1 (nAPP2531648708) – Release Volume Justification

Volume of release was determined by the initial load volume (50 bbls) of the hot oil truck from which the release derived and the volume of fluid that was able to be recovered (21 bbls) from the hot oil truck. A total of twenty-nine (29) bbls of crude oil was released onto the pad.

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Phone: (505) 629-6116

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

QUESTIONS

Action 529585

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 529585
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Initial C-141 Received
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	Raley A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	Yes
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Fire Other (Specify) Crude Oil Released: 29 BBL Recovered: 0 BBL Lost: 29 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Ben's Hot Oil Service loaded 50 bbls oil and rigged up on the 1

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS, Page 2

Action 529585

QUESTIONS (continued)

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 529585
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Maria Roman Title: Administrative Assistant Email: rawoilandgas@raw-energy.net Date: 11/24/2025
--	--

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QUESTIONS, Page 3

Action 529585

QUESTIONS (continued)

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 529585
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	No
---	----

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 529585

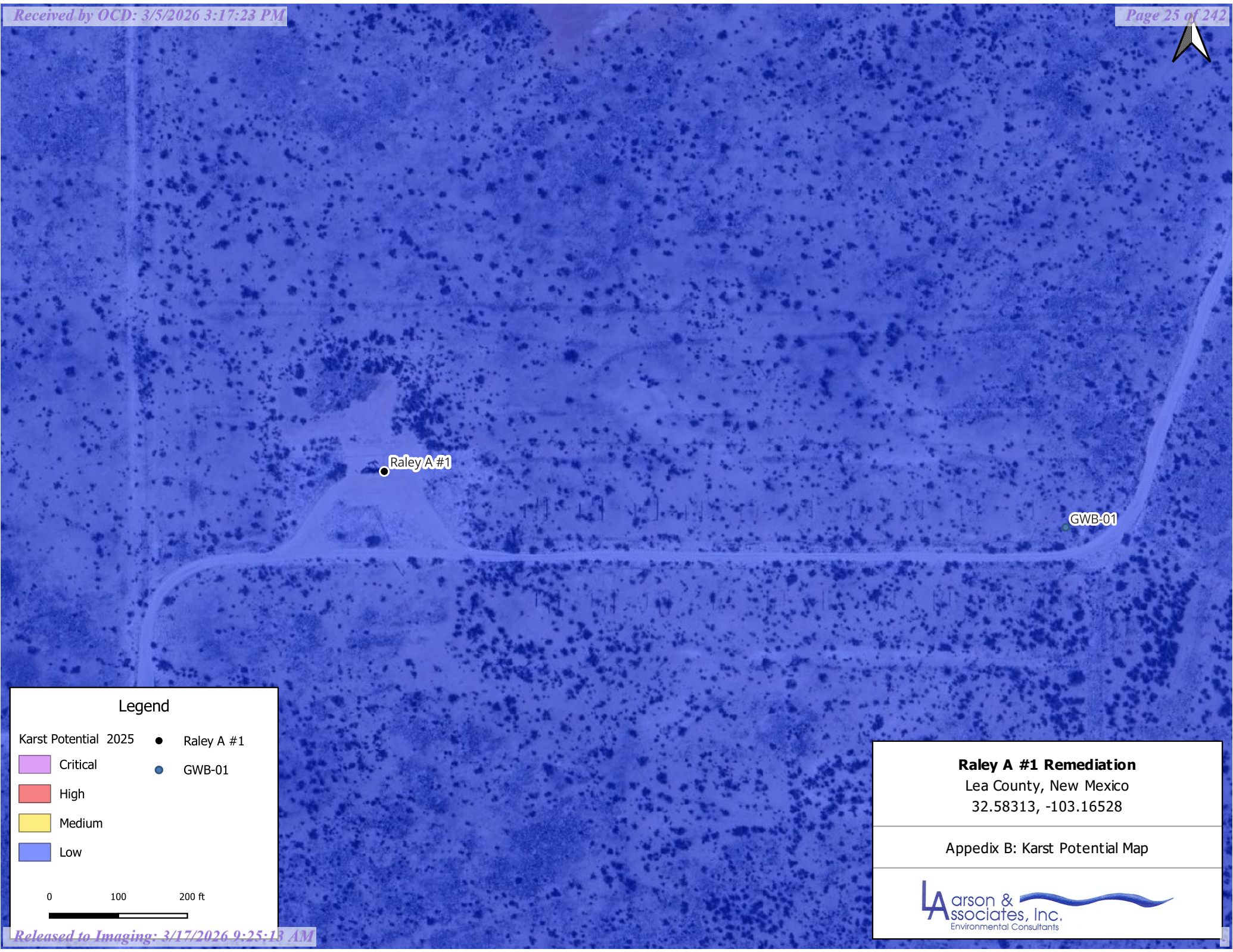
CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 529585
	Action Type: [C-141] Initial C-141 (C-141-v-Initial)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Initial C141 is approved. Remediation closure, site characterization OR a remediation work plan is due to the OCD no later than 90-days after the discovery of the release. Submit to OCD no later than 02/16/2026.	11/26/2025

Appendix B
Karst Potential Map



Legend

- Karst Potential 2025
- Raley A #1
- GWB-01
- Critical
- High
- Medium
- Low

0 100 200 ft



Raley A #1 Remediation

Lea County, New Mexico
32.58313, -103.16528

Appedix B: Karst Potential Map



Appendix C
Boring Log

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 10:12 Finish: 11:19 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING										SAMPLE			REMARKS									
					PPM X _____										NUMBER	PID READING	RECOVERY DEPTH	BACKGROUND PID READING SOIL : _____ PPM SOIL : _____ PPM									
					2	4	6	8	10	12	14	16	18														
	0	Sand, 10YR 8/5, Very Pale Brown, Fine Grained Quartz Sand, Moderately Sorted with 0.5-1mm Clasts	SW																								
	5				Caliche, 7.5YR 7/3, Pink, Moderately Sorted with 1-2mm Clasts	Caliche																					
	10																										
	15																										
	20																										
	25																										
	30																										
	35	Sand, 7.5YR 7/3, Pink, Fine Grained Quartz Sand, Moderately Sorted, 0.5-1mm Clasts	SW																								
	40																										
	45																										
	50																										
	55																										
	60	Increase in Sorting to Well Sorted @ 60' and Change in Color to 7.5YR 6/3, Light Brown																									
		TD: 60' Dry After 72 Hours																									

- ONE CONTINUOUS AUGER SAMPLER
- STANDARD PENETRATION TEST
- UNDISTURBED SAMPLE
- WATER TABLE (24 HRS)
- WATER TABLE (TIME OF BORING)
- LABORATORY TEST LOCATION
- PENETROMETER (TONS/ SQ. FT)
- NR NO RECOVERY

JOB NUMBER : Raw Oil & Gas/ 21-0107-01
 HOLE DIAMETER : 5"
 LOCATION : Pewitt No.1/ Raley A No.1
 LAI GEOLOGIST : R. Nelson
 DRILLING CONTRACTOR : SDI
 DRILLING METHOD : Air Rotary



DRILL DATE : 09/13/2021

BORING NUMBER : GWB-1

BORING RECORD

GEOLOGIC UNIT	DEPTH	Start: 10:12 Finish: 11:19 DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING										SAMPLE			REMARKS										
					PPM X _____										NUMBER	PID READING	RECOVERY	DEPTH	BACKGROUND PID READING									
					2	4	6	8	10	12	14	16	18	SOIL : _____ PPM					SOIL : _____ PPM									
	0	Sand, 10YR 8/5, Very Pale Brown, Fine Grained Quartz Sand, Moderately Sorted with 0.5-1mm Clasts	SW																									
	5				Caliche, 7.5YR 7/3, Pink, Moderately Sorted with 1-2mm Clasts	Caliche																						
	10																											
	15																											
	20																											
	25																											
	30																											
	35	Sand, 7.5YR 7/3, Pink, Fine Grained Quartz Sand, Moderately Sorted, 0.5-1mm Clasts	SW																									
	40																											
	45																											
	50																											
	55																											
	60	Increase in Sorting to Well Sorted @ 60' and Change in Color to 7.5YR 6/3, Light Brown																										
		TD: 60' Dry After 72 Hours																										

- ONE CONTINUOUS AUGER SAMPLER
- STANDARD PENETRATION TEST
- UNDISTURBED SAMPLE
- WATER TABLE (24 HRS)
- WATER TABLE (TIME OF BORING)
- LABORATORY TEST LOCATION
- PENETROMETER (TONS/ SQ. FT)
- NR NO RECOVERY

JOB NUMBER : Raw Oil & Gas/ 21-0107-01
 HOLE DIAMETER : 5"
 LOCATION : Pewitt No.1/ Raley A No.1
 LAI GEOLOGIST : R. Nelson
 DRILLING CONTRACTOR : SDI
 DRILLING METHOD : Air Rotary



DRILL DATE : 09/13/2021

BORING NUMBER : GWB-1

Appendix D

Sampling Notifications

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 538517

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 538517
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	13,680
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/02/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Dan 432-664-5357
Please provide any information necessary for navigation to sampling site	32.58313, -103.16528, open access

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
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CONDITIONS

Action 538517

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 538517
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mcroman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/29/2025
mcroman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	12/29/2025

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

QUESTIONS

Action 538522

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 538522
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	13,680
What is the estimated number of samples that will be gathered	40
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/05/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Dan 432-664-5357
Please provide any information necessary for navigation to sampling site	32.58313, -103.16528, open access

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Oil Conservation Division
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Santa Fe, NM 87505

CONDITIONS

Action 538522

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 538522
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mcroman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	12/29/2025
mcroman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	12/29/2025

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

QUESTIONS

Action 544070

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 544070
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,600
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/20/2026
Time sampling will commence	02:00 PM
Please provide any information necessary for observers to contact samplers	Dan - (432) 664-5357
Please provide any information necessary for navigation to sampling site	32.58279, -103.16549

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

CONDITIONS

Action 544070

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 544070
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mcroman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/16/2026
mcroman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/16/2026

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

QUESTIONS

Action 544078

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 544078
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,600
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/21/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Dan - (432) 664-5357
Please provide any information necessary for navigation to sampling site	32.58279, -103.16549

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Phone: (505) 476-3441

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Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/oecd/contact-us>

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

CONDITIONS

Action 544078

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 544078
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mcroman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/16/2026
mcroman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/16/2026

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

QUESTIONS

Action 544081

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 544081
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,600
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/22/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Dan - (432) 664-5357
Please provide any information necessary for navigation to sampling site	32.58279, -103.16549

Sante Fe Main Office
Phone: (505) 476-3441

General Information
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Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 544081

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 544081
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mcroman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/16/2026
mcroman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/16/2026

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

QUESTIONS

Action 544086

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 544086
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,600
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/23/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Dan - (432) 664-5357
Please provide any information necessary for navigation to sampling site	32.58279, -103.16549

Sante Fe Main Office
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 544086

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 544086
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mcroman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/16/2026
mcroman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/16/2026

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

QUESTIONS

Action 544089

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 544089
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,600
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/26/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Dan - (432) 664-5357
Please provide any information necessary for navigation to sampling site	32.58279, -103.16549

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 544089

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 544089
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mcroman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/16/2026
mcroman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/16/2026

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

QUESTIONS

Action 545934

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 545934
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,600
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/28/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Dan - (432) 664-5357
Please provide any information necessary for navigation to sampling site	32.58279, -103.16549

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

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

CONDITIONS

Action 545934

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 545934
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
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**State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505**

QUESTIONS

Action 545935

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 545935
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,600
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/29/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Dan - (432) 664-5357
Please provide any information necessary for navigation to sampling site	32.58279, -103.16549

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CONDITIONS

Action 545935

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 545935
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mcroman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/23/2026
mcroman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/23/2026

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

QUESTIONS

Action 545937

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 545937
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Plan Approved
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Sampling Event General Information	
<i>Please answer all the questions in this group.</i>	
What is the sampling surface area in square feet	5,600
What is the estimated number of samples that will be gathered	14
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/30/2026
Time sampling will commence	09:00 AM
Please provide any information necessary for observers to contact samplers	Dan - (432) 664-5357
Please provide any information necessary for navigation to sampling site	32.58279, -103.16549

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 545937

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 545937
	Action Type: [NOTIFY] Notification Of Sampling (C-141N)

CONDITIONS

Created By	Condition	Condition Date
mcroman	Failure to notify the OCD of sampling events including any changes in date/time per the requirements of 19.15.29.12.D.(1).(a) NMAC, may result in the remediation closure samples not being accepted.	1/23/2026
mcroman	If confirmation sampling is going to take place over multiple days, individual C-141N applications must be submitted for each sampling date. Date ranges are not currently accepted on the C-141N application.	1/23/2026

Appendix E

Laboratory Reports



Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brenda Balbino
 Larson & Associates, Inc.
 507 N Marienfeld
 Suite 202
 Midland, Texas 79701

Generated 1/7/2026 1:13:06 PM

JOB DESCRIPTION

Raley A #1
 25-0124-01

JOB NUMBER

880-66584-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
1/7/2026 1:13:06 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

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Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Laboratory Job ID: 880-66584-1
SDG: 25-0124-01

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66584-1
SDG: 25-0124-01

Qualifiers

GC VOA

Qualifier	Qualifier Description
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
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: Raley A #1

Job ID: 880-66584-1

Job ID: 880-66584-1

Eurofins Midland

Job Narrative 880-66584-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The sample was received on 1/2/2026 3:55 PM. 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 1.0°C.

Receipt Exceptions

The following sample was received and analyzed from an unpreserved bulk soil jar: BF-1 (880-66584-1)

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-127965 and analytical batch 880-128195 was outside the upper control limits.

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-128195 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-128195/85).

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.

Eurofins Midland



Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66584-1
SDG: 25-0124-01

Client Sample ID: BF-1

Lab Sample ID: 880-66584-1

Date Collected: 12/29/25 10:00

Matrix: Solid

Date Received: 01/02/26 15:55

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/05/26 08:56	01/06/26 18:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/26 08:56	01/06/26 18:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/05/26 08:56	01/06/26 18:48	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		01/05/26 08:56	01/06/26 18:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/05/26 08:56	01/06/26 18:48	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/05/26 08:56	01/06/26 18:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/05/26 08:56	01/06/26 18:48	1
1,4-Difluorobenzene (Surr)	108		70 - 130	01/05/26 08:56	01/06/26 18:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/06/26 18:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5	mg/Kg			01/06/26 02:47	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5	mg/Kg		12/31/25 08:51	01/06/26 02:47	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5	mg/Kg		12/31/25 08:51	01/06/26 02:47	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5	mg/Kg		12/31/25 08:51	01/06/26 02:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130	12/31/25 08:51	01/06/26 02:47	1
o-Terphenyl (Surr)	96		70 - 130	12/31/25 08:51	01/06/26 02:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92	mg/Kg			01/05/26 13:18	1

Surrogate Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66584-1
 SDG: 25-0124-01

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)
880-66584-1	BF-1	126	108
LCS 880-127968/1-A	Lab Control Sample	86	85
LCSD 880-127968/2-A	Lab Control Sample Dup	89	88
MB 880-127968/5-A	Method Blank	100	87

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)
880-66584-1	BF-1	108	96
LCS 880-127965/2-A	Lab Control Sample	111	115
LCSD 880-127965/3-A	Lab Control Sample Dup	114	120
MB 880-127965/1-A	Method Blank	125	133 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
 OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66584-1
 SDG: 25-0124-01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-127968/5-A
 Matrix: Solid
 Analysis Batch: 128234

Client Sample ID: Method Blank
 Prep Type: Total/NA
 Prep Batch: 127968

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		12/31/25 08:56	01/06/26 12:25	1
Toluene	<0.00200	U	0.00200	mg/Kg		12/31/25 08:56	01/06/26 12:25	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		12/31/25 08:56	01/06/26 12:25	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		12/31/25 08:56	01/06/26 12:25	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		12/31/25 08:56	01/06/26 12:25	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		12/31/25 08:56	01/06/26 12:25	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	12/31/25 08:56	01/06/26 12:25	1
1,4-Difluorobenzene (Surr)	87		70 - 130	12/31/25 08:56	01/06/26 12:25	1

Lab Sample ID: LCS 880-127968/1-A
 Matrix: Solid
 Analysis Batch: 128234

Client Sample ID: Lab Control Sample
 Prep Type: Total/NA
 Prep Batch: 127968

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1131		mg/Kg		113	70 - 130
Toluene	0.100	0.09479		mg/Kg		95	70 - 130
Ethylbenzene	0.100	0.07323		mg/Kg		73	70 - 130
m,p-Xylenes	0.200	0.1489		mg/Kg		74	70 - 130
o-Xylene	0.100	0.1081		mg/Kg		108	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	86		70 - 130
1,4-Difluorobenzene (Surr)	85		70 - 130

Lab Sample ID: LCSD 880-127968/2-A
 Matrix: Solid
 Analysis Batch: 128234

Client Sample ID: Lab Control Sample Dup
 Prep Type: Total/NA
 Prep Batch: 127968

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1089		mg/Kg		109	70 - 130	4	35
Toluene	0.100	0.1052		mg/Kg		105	70 - 130	10	35
Ethylbenzene	0.100	0.09655		mg/Kg		97	70 - 130	27	35
m,p-Xylenes	0.200	0.1802		mg/Kg		90	70 - 130	19	35
o-Xylene	0.100	0.1089		mg/Kg		109	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	89		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66584-1
SDG: 25-0124-01

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

Lab Sample ID: MB 880-127965/1-A
Matrix: Solid
Analysis Batch: 128195

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127965

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		12/31/25 08:51	01/05/26 20:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		12/31/25 08:51	01/05/26 20:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		12/31/25 08:51	01/05/26 20:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130			12/31/25 08:51	01/05/26 20:49	1
o-Terphenyl (Surr)	133	S1+	70 - 130			12/31/25 08:51	01/05/26 20:49	1

Lab Sample ID: LCS 880-127965/2-A
Matrix: Solid
Analysis Batch: 128195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1013		mg/Kg		101	70 - 130
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane (Surr)	111		70 - 130				
o-Terphenyl (Surr)	115		70 - 130				

Lab Sample ID: LCSD 880-127965/3-A
Matrix: Solid
Analysis Batch: 128195

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127965

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1068		mg/Kg		107	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1043		mg/Kg		104	70 - 130	3	20
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	114		70 - 130						
o-Terphenyl (Surr)	120		70 - 130						

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-128151/1-A
Matrix: Solid
Analysis Batch: 128185

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	<10.0	U	10.0	mg/Kg			01/05/26 11:26	1

Eurofins Midland

QC Sample Results

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66584-1
 SDG: 25-0124-01

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-128151/2-A
Matrix: Solid
Analysis Batch: 128185

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.5		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-128151/3-A
Matrix: Solid
Analysis Batch: 128185

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	238.1		mg/Kg		95	90 - 110	1	20

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-66584-1
SDG: 25-0124-01

GC VOA

Prep Batch: 127968

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66584-1	BF-1	Total/NA	Solid	5035	
MB 880-127968/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-127968/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-127968/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 128234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66584-1	BF-1	Total/NA	Solid	8021B	127968
MB 880-127968/5-A	Method Blank	Total/NA	Solid	8021B	127968
LCS 880-127968/1-A	Lab Control Sample	Total/NA	Solid	8021B	127968
LCSD 880-127968/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	127968

Analysis Batch: 128377

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66584-1	BF-1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 127965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66584-1	BF-1	Total/NA	Solid	8015NM Prep	
MB 880-127965/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127965/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127965/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 128195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66584-1	BF-1	Total/NA	Solid	8015B NM	127965
MB 880-127965/1-A	Method Blank	Total/NA	Solid	8015B NM	127965
LCS 880-127965/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127965
LCSD 880-127965/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127965

Analysis Batch: 128308

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66584-1	BF-1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 128151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66584-1	BF-1	Soluble	Solid	DI Leach	
MB 880-128151/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-128151/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-128151/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 128185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66584-1	BF-1	Soluble	Solid	300.0	128151
MB 880-128151/1-A	Method Blank	Soluble	Solid	300.0	128151
LCS 880-128151/2-A	Lab Control Sample	Soluble	Solid	300.0	128151
LCSD 880-128151/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	128151

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Lab Chronicle

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66584-1
 SDG: 25-0124-01

Client Sample ID: BF-1

Lab Sample ID: 880-66584-1

Date Collected: 12/29/25 10:00

Matrix: Solid

Date Received: 01/02/26 15:55

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	127968	01/05/26 08:56	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128234	01/06/26 18:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128377	01/06/26 18:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			128308	01/06/26 02:47	SA	EET MID
Total/NA	Prep	8015NM Prep			9.91 g	10.00 mL	127965	12/31/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128195	01/06/26 02:47	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128151	01/05/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128185	01/05/26 13:18	CS	EET MID

Laboratory References:

EET MID = Eurofins 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: Raley A #1

Job ID: 880-66584-1
SDG: 25-0124-01

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	06-30-26

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

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Method Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66584-1
 SDG: 25-0124-01

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- 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:

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



Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66584-1
SDG: 25-0124-01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-66584-1	BF-1	Solid	12/29/25 10:00	01/02/26 15:55	New Mexico

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CHAIN-OF-CUSTODY

No. 3641

507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901



DATE: 11/21/25 PAGE 1 OF 1
LAB WORK ORDER#: _____
PROJECT LOCATION OR NAME: PALEY A #1
LAI PROJECT #: 25-0124-01 COLLECTOR: DS4

Data Reported to:

TRRP report?
 Yes No

TIME ZONE:
Time zone/State:
MNT / AZ

Field Sample I.D.
BP-1

S=SOIL
W=WATER
A=AIR
P=PAINT
SL=SLUDGE
OT=OTHER

Lab #	Date	Time	Matrix	# of Containers
	12/21/25	1000	S	1

PRESERVATION

HCl

HNO₃

H₂SO₄ NaOH

ICE

UNPRESERVED

ANALYSES	
TRP-418.1	<input checked="" type="checkbox"/>
GASOLINE MOD 8015	<input checked="" type="checkbox"/>
DIESEL MOD 8015	<input checked="" type="checkbox"/>
OIL MOD 8015	<input checked="" type="checkbox"/>
VOC 8260	<input checked="" type="checkbox"/>
8081 PESTICIDES	<input checked="" type="checkbox"/>
8082 PESTICIDES	<input checked="" type="checkbox"/>
TCP-PEST	<input checked="" type="checkbox"/>
TOTAL METALS (RCRA)	<input checked="" type="checkbox"/>
LEAD - TOTAL	<input checked="" type="checkbox"/>
LEAD - METALS (RCRA)	<input checked="" type="checkbox"/>
HERB	<input checked="" type="checkbox"/>
8151 HERBICIDES	<input checked="" type="checkbox"/>
HOLDPAH	<input checked="" type="checkbox"/>
TCP-VOC	<input checked="" type="checkbox"/>
SEM-VOC	<input checked="" type="checkbox"/>
OTHER LIST	<input checked="" type="checkbox"/>
D.M. 200.8	<input checked="" type="checkbox"/>
FLASHPOINT	<input checked="" type="checkbox"/>
% MOISTURE	<input checked="" type="checkbox"/>
HEXAVALENT CHROMIUM	<input checked="" type="checkbox"/>
PERCHLORATE	<input checked="" type="checkbox"/>
ALKALINITY	<input checked="" type="checkbox"/>
PH	<input checked="" type="checkbox"/>
EXPLOSIVES	<input checked="" type="checkbox"/>
CHLORIDE ANIONS	<input checked="" type="checkbox"/>
CYANIDE	<input checked="" type="checkbox"/>
TDS	<input checked="" type="checkbox"/>
TOX	<input checked="" type="checkbox"/>
TOX	<input checked="" type="checkbox"/>
TOX	<input checked="" type="checkbox"/>

FIELD NOTES

X



880-66584 Chain of Custody

TOTAL

RELINQUISHED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

TURN AROUND TIME

NORMAL

LABORATORY USE ONLY:

RECEIVING TEMP: 11/10 THERM#: 586-0.1

CUSTOMER SEALS - BROKEN INTACT NOT USED

CARRIER BILL #

HAND DELIVERED

RELINQUISHED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

TURN AROUND TIME

NORMAL

LABORATORY USE ONLY:

RECEIVING TEMP: 11/10 THERM#: 586-0.1

CUSTOMER SEALS - BROKEN INTACT NOT USED

CARRIER BILL #

HAND DELIVERED

RELINQUISHED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

TURN AROUND TIME

NORMAL

LABORATORY USE ONLY:

RECEIVING TEMP: 11/10 THERM#: 586-0.1

CUSTOMER SEALS - BROKEN INTACT NOT USED

CARRIER BILL #

HAND DELIVERED

RELINQUISHED BY: (Signature)

DATE/TIME

RECEIVED BY: (Signature)

TURN AROUND TIME

NORMAL

LABORATORY USE ONLY:

RECEIVING TEMP: 11/10 THERM#: 586-0.1

CUSTOMER SEALS - BROKEN INTACT NOT USED

CARRIER BILL #

HAND DELIVERED

LABORATORY: Enviro



Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-66584-1

SDG Number: 25-0124-01

Login Number: 66584

List Number: 1

Creator: Dyal, Erica

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brenda Balbino
 Larson & Associates, Inc.
 507 N Marienfeld
 Suite 202
 Midland, Texas 79701

Generated 1/13/2026 8:48:22 PM

JOB DESCRIPTION

Raley A #1
 25-0124-01

JOB NUMBER

880-66585-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
1/13/2026 8:48:22 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

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Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Laboratory Job ID: 880-66585-1
SDG: 25-0124-01

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high 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
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
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: Raley A #1

Job ID: 880-66585-1

Job ID: 880-66585-1

Eurofins Midland

Job Narrative 880-66585-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 1/2/2026 3:35 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 1.0°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: C-1 (880-66585-1), C-2 (880-66585-2), C-3 (880-66585-3), C-4 (880-66585-4), C-5 (880-66585-5), C-6 (880-66585-6), C-7 (880-66585-7), C-8 (880-66585-8), C-9 (880-66585-9), C-10 (880-66585-10), C-11 (880-66585-11), C-12 (880-66585-12), C-13 (880-66585-13), C-14 (880-66585-14), C-15 (880-66585-15), C-16 (880-66585-16), C-17 (880-66585-17), C-18 (880-66585-18), C-19 (880-66585-19), C-20 (880-66585-20), C-21 (880-66585-21), C-22 (880-66585-22), C-23 (880-66585-23), C-24 (880-66585-24), C-25 (880-66585-25), C-26 (880-66585-26), C-27 (880-66585-27), C-28 (880-66585-28), C-29 (880-66585-29), C-30 (880-66585-30), C-31 (880-66585-31), C-32 (880-66585-32), C-33 (880-66585-33), C-34 (880-66585-34), C-35 (880-66585-35), C-36 (880-66585-36) and C-37 (880-66585-37)

GC VOA

Method 8021B: The laboratory control sample (LCS) for preparation batch 880-128188 and analytical batch 880-128155 recovered outside control limits for the following analytes: Ethylbenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-1 (880-66585-1), C-2 (880-66585-2), C-4 (880-66585-4), C-6 (880-66585-6), C-11 (880-66585-11) and (890-9302-A-1-G MSD). Evidence of matrix interferences is not obvious.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-128188 and analytical batch 880-128155 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-32 (880-66585-32), C-33 (880-66585-33), C-34 (880-66585-34), C-35 (880-66585-35) and C-36 (880-66585-36). 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 880-128232 and analytical batch 880-128236 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 8021B: The surrogate recovery for the blank associated with preparation batch 880-128232 and analytical batch 880-128236 was outside the upper control limits.

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

Diesel Range Organics

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-127965 and analytical batch 880-128195 was outside the upper control limits.

Eurofins Midland

Case Narrative

Client: Larson & Associates, Inc.
Project: Raley A #1

Job ID: 880-66585-1

Job ID: 880-66585-1 (Continued)

Eurofins Midland

Method 8015MOD_NM: The continuing calibration verification (CCV) associated with batch 880-128195 recovered above the upper control limit for Diesel Range Organics (Over C10-C28). An acceptable CCV was ran within the 12 hour window, therefore the data has been qualified and reported. The associated sample is:(CCV 880-128195/85).

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: (LCSD 880-128160/3-A) and (880-66585-A-3-D MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: C-19 (880-66585-19). 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.

HPLC/IC

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

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Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-1

Lab Sample ID: 880-66585-1

Date Collected: 01/02/26 09:00

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 15:57	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 15:57	1
Ethylbenzene	<0.00200	U **	0.00200	mg/Kg		01/05/26 11:32	01/05/26 15:57	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		01/05/26 11:32	01/05/26 15:57	1
o-Xylene	0.00287		0.00200	mg/Kg		01/05/26 11:32	01/05/26 15:57	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/05/26 11:32	01/05/26 15:57	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130			01/05/26 11:32	01/05/26 15:57	1
1,4-Difluorobenzene (Surr)	109		70 - 130			01/05/26 11:32	01/05/26 15:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/05/26 15:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/06/26 03:02	1

Method: SW846 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		12/31/25 08:51	01/06/26 03:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		12/31/25 08:51	01/06/26 03:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		12/31/25 08:51	01/06/26 03:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130			12/31/25 08:51	01/06/26 03:02	1
o-Terphenyl (Surr)	112		70 - 130			12/31/25 08:51	01/06/26 03:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94	mg/Kg			01/05/26 13:34	1

Client Sample ID: C-2

Lab Sample ID: 880-66585-2

Date Collected: 01/02/26 09:04

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/05/26 11:32	01/05/26 16:17	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/05/26 11:32	01/05/26 16:17	1
Ethylbenzene	<0.00201	U **	0.00201	mg/Kg		01/05/26 11:32	01/05/26 16:17	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		01/05/26 11:32	01/05/26 16:17	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/05/26 11:32	01/05/26 16:17	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/05/26 11:32	01/05/26 16:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130			01/05/26 11:32	01/05/26 16:17	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-2

Lab Sample ID: 880-66585-2

Date Collected: 01/02/26 09:04

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	122		70 - 130	01/05/26 11:32	01/05/26 16:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/05/26 16:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.5	U	50.5	mg/Kg			01/06/26 03:17	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.5	U	50.5	mg/Kg		12/31/25 08:51	01/06/26 03:17	1
Diesel Range Organics (Over C10-C28)	<50.5	U	50.5	mg/Kg		12/31/25 08:51	01/06/26 03:17	1
Oil Range Organics (Over C28-C36)	<50.5	U	50.5	mg/Kg		12/31/25 08:51	01/06/26 03:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130	12/31/25 08:51	01/06/26 03:17	1
o-Terphenyl (Surr)	116		70 - 130	12/31/25 08:51	01/06/26 03:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.98	U	9.98	mg/Kg			01/05/26 13:39	1

Client Sample ID: C-3

Lab Sample ID: 880-66585-3

Date Collected: 01/02/26 09:07

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/05/26 11:32	01/05/26 16:38	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/05/26 11:32	01/05/26 16:38	1
Ethylbenzene	<0.00202	U **	0.00202	mg/Kg		01/05/26 11:32	01/05/26 16:38	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		01/05/26 11:32	01/05/26 16:38	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/05/26 11:32	01/05/26 16:38	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/05/26 11:32	01/05/26 16:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	125		70 - 130	01/05/26 11:32	01/05/26 16:38	1
1,4-Difluorobenzene (Surr)	112		70 - 130	01/05/26 11:32	01/05/26 16:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/05/26 16:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/07/26 01:33	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-3

Lab Sample ID: 880-66585-3

Date Collected: 01/02/26 09:07

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 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		01/05/26 09:00	01/07/26 01:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 01:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 01:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130			01/05/26 09:00	01/07/26 01:33	1
o-Terphenyl (Surr)	111		70 - 130			01/05/26 09:00	01/07/26 01:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94	mg/Kg			01/05/26 13:44	1

Client Sample ID: C-4

Lab Sample ID: 880-66585-4

Date Collected: 01/02/26 09:15

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/05/26 11:32	01/05/26 16:58	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/05/26 11:32	01/05/26 16:58	1
Ethylbenzene	<0.00199	U *	0.00199	mg/Kg		01/05/26 11:32	01/05/26 16:58	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/05/26 11:32	01/05/26 16:58	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/05/26 11:32	01/05/26 16:58	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/05/26 11:32	01/05/26 16:58	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	145	S1+	70 - 130			01/05/26 11:32	01/05/26 16:58	1
1,4-Difluorobenzene (Surr)	120		70 - 130			01/05/26 11:32	01/05/26 16:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/05/26 16:58	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 02:18	1

Method: SW846 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		01/05/26 09:00	01/07/26 02:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 02:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 02:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	118		70 - 130			01/05/26 09:00	01/07/26 02:18	1
o-Terphenyl (Surr)	112		70 - 130			01/05/26 09:00	01/07/26 02:18	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-4

Lab Sample ID: 880-66585-4

Date Collected: 01/02/26 09:15
Date Received: 01/02/26 15:35
Sample Depth: 1'

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	40.9		9.98	mg/Kg			01/05/26 13:50	1

Client Sample ID: C-5

Lab Sample ID: 880-66585-5

Date Collected: 01/02/26 09:22
Date Received: 01/02/26 15:35
Sample Depth: 1'

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/05/26 11:32	01/05/26 18:49	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/05/26 11:32	01/05/26 18:49	1
Ethylbenzene	<0.00198	U *	0.00198	mg/Kg		01/05/26 11:32	01/05/26 18:49	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		01/05/26 11:32	01/05/26 18:49	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/05/26 11:32	01/05/26 18:49	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/05/26 11:32	01/05/26 18:49	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			01/05/26 11:32	01/05/26 18:49	1
1,4-Difluorobenzene (Surr)	102		70 - 130			01/05/26 11:32	01/05/26 18:49	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/05/26 18:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 02:33	1

Method: SW846 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		01/05/26 09:00	01/07/26 02:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 02:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 02:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130			01/05/26 09:00	01/07/26 02:33	1
o-Terphenyl (Surr)	108		70 - 130			01/05/26 09:00	01/07/26 02:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	840		49.6	mg/Kg			01/05/26 13:55	5

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-6

Lab Sample ID: 880-66585-6

Date Collected: 01/02/26 09:28

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 19:09	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 19:09	1
Ethylbenzene	<0.00200	U **	0.00200	mg/Kg		01/05/26 11:32	01/05/26 19:09	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/05/26 11:32	01/05/26 19:09	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 19:09	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/05/26 11:32	01/05/26 19:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	152	S1+	70 - 130	01/05/26 11:32	01/05/26 19:09	1
1,4-Difluorobenzene (Surr)	110		70 - 130	01/05/26 11:32	01/05/26 19:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/05/26 19:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	102		50.0	mg/Kg			01/07/26 02:48	1

Method: SW846 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		01/05/26 09:00	01/07/26 02:48	1
Diesel Range Organics (Over C10-C28)	102		50.0	mg/Kg		01/05/26 09:00	01/07/26 02:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	01/05/26 09:00	01/07/26 02:48	1
o-Terphenyl (Surr)	110		70 - 130	01/05/26 09:00	01/07/26 02:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	632		50.4	mg/Kg			01/05/26 14:00	5

Client Sample ID: C-7

Lab Sample ID: 880-66585-7

Date Collected: 01/02/26 09:35

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/05/26 11:32	01/05/26 19:29	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/05/26 11:32	01/05/26 19:29	1
Ethylbenzene	<0.00198	U **	0.00198	mg/Kg		01/05/26 11:32	01/05/26 19:29	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		01/05/26 11:32	01/05/26 19:29	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/05/26 11:32	01/05/26 19:29	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/05/26 11:32	01/05/26 19:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	130		70 - 130	01/05/26 11:32	01/05/26 19:29	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-7

Lab Sample ID: 880-66585-7

Date Collected: 01/02/26 09:35

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	111		70 - 130	01/05/26 11:32	01/05/26 19:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/05/26 19:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/07/26 03:03	1

Method: SW846 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		01/05/26 09:00	01/07/26 03:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 03:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	01/05/26 09:00	01/07/26 03:03	1
o-Terphenyl (Surr)	109		70 - 130	01/05/26 09:00	01/07/26 03:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	117		9.94	mg/Kg			01/05/26 14:06	1

Client Sample ID: C-8

Lab Sample ID: 880-66585-8

Date Collected: 01/02/26 09:42

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 19:50	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 19:50	1
Ethylbenzene	<0.00200	U *	0.00200	mg/Kg		01/05/26 11:32	01/05/26 19:50	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		01/05/26 11:32	01/05/26 19:50	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 19:50	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/05/26 11:32	01/05/26 19:50	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	126		70 - 130	01/05/26 11:32	01/05/26 19:50	1
1,4-Difluorobenzene (Surr)	102		70 - 130	01/05/26 11:32	01/05/26 19:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/05/26 19:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 03:18	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-8

Lab Sample ID: 880-66585-8

Date Collected: 01/02/26 09:42

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 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		01/05/26 09:00	01/07/26 03:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 03:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 03:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130			01/05/26 09:00	01/07/26 03:18	1
o-Terphenyl (Surr)	101		70 - 130			01/05/26 09:00	01/07/26 03:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		10.0	mg/Kg			01/05/26 12:14	1

Client Sample ID: C-9

Lab Sample ID: 880-66585-9

Date Collected: 01/02/26 09:49

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/05/26 11:32	01/05/26 20:10	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/05/26 11:32	01/05/26 20:10	1
Ethylbenzene	<0.00201	U *	0.00201	mg/Kg		01/05/26 11:32	01/05/26 20:10	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		01/05/26 11:32	01/05/26 20:10	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/05/26 11:32	01/05/26 20:10	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/05/26 11:32	01/05/26 20:10	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	127		70 - 130			01/05/26 11:32	01/05/26 20:10	1
1,4-Difluorobenzene (Surr)	112		70 - 130			01/05/26 11:32	01/05/26 20:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/05/26 20:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/07/26 03:33	1

Method: SW846 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		01/05/26 09:00	01/07/26 03:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 03:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 03:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130			01/05/26 09:00	01/07/26 03:33	1
o-Terphenyl (Surr)	106		70 - 130			01/05/26 09:00	01/07/26 03:33	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-9

Lab Sample ID: 880-66585-9

Date Collected: 01/02/26 09:49
Date Received: 01/02/26 15:35
Sample Depth: 1'

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.3		10.1	mg/Kg			01/05/26 12:28	1

Client Sample ID: C-10

Lab Sample ID: 880-66585-10

Date Collected: 01/02/26 09:56
Date Received: 01/02/26 15:35
Sample Depth: 1'

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/05/26 11:32	01/05/26 20:31	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/05/26 11:32	01/05/26 20:31	1
Ethylbenzene	<0.00202	U **	0.00202	mg/Kg		01/05/26 11:32	01/05/26 20:31	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		01/05/26 11:32	01/05/26 20:31	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/05/26 11:32	01/05/26 20:31	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/05/26 11:32	01/05/26 20:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	129		70 - 130			01/05/26 11:32	01/05/26 20:31	1
1,4-Difluorobenzene (Surr)	109		70 - 130			01/05/26 11:32	01/05/26 20:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/05/26 20:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/07/26 03:48	1

Method: SW846 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		01/05/26 09:00	01/07/26 03:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 03:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 03:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130			01/05/26 09:00	01/07/26 03:48	1
o-Terphenyl (Surr)	108		70 - 130			01/05/26 09:00	01/07/26 03:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17.1		9.92	mg/Kg			01/05/26 12:33	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-11

Lab Sample ID: 880-66585-11

Date Collected: 01/02/26 10:06

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/05/26 11:32	01/05/26 20:51	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/05/26 11:32	01/05/26 20:51	1
Ethylbenzene	<0.00199	U **	0.00199	mg/Kg		01/05/26 11:32	01/05/26 20:51	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/05/26 11:32	01/05/26 20:51	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/05/26 11:32	01/05/26 20:51	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/05/26 11:32	01/05/26 20:51	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	156	S1+	70 - 130	01/05/26 11:32	01/05/26 20:51	1
1,4-Difluorobenzene (Surr)	124		70 - 130	01/05/26 11:32	01/05/26 20:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/05/26 20:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 04:03	1

Method: SW846 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		01/05/26 09:00	01/07/26 04:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 04:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	112		70 - 130	01/05/26 09:00	01/07/26 04:03	1
o-Terphenyl (Surr)	112		70 - 130	01/05/26 09:00	01/07/26 04:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1		9.98	mg/Kg			01/05/26 12:38	1

Client Sample ID: C-12

Lab Sample ID: 880-66585-12

Date Collected: 01/02/26 10:09

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.00223		0.00199	mg/Kg		01/06/26 09:15	01/06/26 17:07	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 17:07	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 17:07	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/06/26 09:15	01/06/26 17:07	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 17:07	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/06/26 09:15	01/06/26 17:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/06/26 09:15	01/06/26 17:07	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-12

Lab Sample ID: 880-66585-12

Date Collected: 01/02/26 10:09

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	100		70 - 130	01/06/26 09:15	01/06/26 17:07	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/06/26 17:07	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/07/26 04:18	1

Method: SW846 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		01/05/26 09:00	01/07/26 04:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 04:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 04:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	01/05/26 09:00	01/07/26 04:18	1
o-Terphenyl (Surr)	108		70 - 130	01/05/26 09:00	01/07/26 04:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	19.0		9.96	mg/Kg			01/05/26 12:43	1

Client Sample ID: C-13

Lab Sample ID: 880-66585-13

Date Collected: 01/02/26 10:17

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/06/26 09:15	01/06/26 17:28	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/06/26 09:15	01/06/26 17:28	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/06/26 09:15	01/06/26 17:28	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		01/06/26 09:15	01/06/26 17:28	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/06/26 09:15	01/06/26 17:28	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/06/26 09:15	01/06/26 17:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	01/06/26 09:15	01/06/26 17:28	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/06/26 09:15	01/06/26 17:28	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/06/26 17:28	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/07/26 04:47	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-13

Lab Sample ID: 880-66585-13

Date Collected: 01/02/26 10:17

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 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		01/05/26 09:00	01/07/26 04:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 04:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 04:47	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	01/05/26 09:00	01/07/26 04:47	1
o-Terphenyl (Surr)	99		70 - 130	01/05/26 09:00	01/07/26 04:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.92	U	9.92	mg/Kg			01/05/26 12:58	1

Client Sample ID: C-14

Lab Sample ID: 880-66585-14

Date Collected: 01/02/26 10:24

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 17:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 17:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 17:48	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/06/26 09:15	01/06/26 17:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 17:48	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/06/26 09:15	01/06/26 17:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/06/26 09:15	01/06/26 17:48	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/06/26 09:15	01/06/26 17:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/06/26 17:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 05:03	1

Method: SW846 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		01/05/26 09:00	01/07/26 05:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 05:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 05:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130	01/05/26 09:00	01/07/26 05:03	1
o-Terphenyl (Surr)	109		70 - 130	01/05/26 09:00	01/07/26 05:03	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-14

Lab Sample ID: 880-66585-14

Date Collected: 01/02/26 10:24
Date Received: 01/02/26 15:35
Sample Depth: 1'

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	52.9		9.94	mg/Kg			01/05/26 13:03	1

Client Sample ID: C-15

Lab Sample ID: 880-66585-15

Date Collected: 01/02/26 10:31
Date Received: 01/02/26 15:35
Sample Depth: 1'

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/06/26 09:15	01/06/26 18:09	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/06/26 09:15	01/06/26 18:09	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/06/26 09:15	01/06/26 18:09	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		01/06/26 09:15	01/06/26 18:09	1
o-Xylene	0.00344		0.00201	mg/Kg		01/06/26 09:15	01/06/26 18:09	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/06/26 09:15	01/06/26 18:09	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130			01/06/26 09:15	01/06/26 18:09	1
1,4-Difluorobenzene (Surr)	96		70 - 130			01/06/26 09:15	01/06/26 18:09	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/06/26 18:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			01/07/26 05:17	1

Method: SW846 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		01/05/26 09:00	01/07/26 05:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/05/26 09:00	01/07/26 05:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		01/05/26 09:00	01/07/26 05:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	108		70 - 130			01/05/26 09:00	01/07/26 05:17	1
o-Terphenyl (Surr)	106		70 - 130			01/05/26 09:00	01/07/26 05:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	76.5		9.96	mg/Kg			01/05/26 13:08	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-16

Lab Sample ID: 880-66585-16

Date Collected: 01/02/26 10:37

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/06/26 09:15	01/06/26 18:29	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/06/26 09:15	01/06/26 18:29	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/06/26 09:15	01/06/26 18:29	1
m,p-Xylenes	<0.00403	U	0.00403	mg/Kg		01/06/26 09:15	01/06/26 18:29	1
o-Xylene	0.00287		0.00202	mg/Kg		01/06/26 09:15	01/06/26 18:29	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		01/06/26 09:15	01/06/26 18:29	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			01/06/26 09:15	01/06/26 18:29	1
1,4-Difluorobenzene (Surr)	101		70 - 130			01/06/26 09:15	01/06/26 18:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			01/06/26 18:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	80.9		49.9	mg/Kg			01/07/26 05:32	1

Method: SW846 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		01/05/26 09:00	01/07/26 05:32	1
Diesel Range Organics (Over C10-C28)	80.9		49.9	mg/Kg		01/05/26 09:00	01/07/26 05:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 05:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130			01/05/26 09:00	01/07/26 05:32	1
o-Terphenyl (Surr)	108		70 - 130			01/05/26 09:00	01/07/26 05:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	184		9.96	mg/Kg			01/05/26 13:13	1

Client Sample ID: C-17

Lab Sample ID: 880-66585-17

Date Collected: 01/02/26 10:42

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/06/26 09:15	01/06/26 18:50	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/06/26 09:15	01/06/26 18:50	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/06/26 09:15	01/06/26 18:50	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		01/06/26 09:15	01/06/26 18:50	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/06/26 09:15	01/06/26 18:50	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/06/26 09:15	01/06/26 18:50	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	118		70 - 130			01/06/26 09:15	01/06/26 18:50	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-17

Lab Sample ID: 880-66585-17

Date Collected: 01/02/26 10:42

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	101		70 - 130	01/06/26 09:15	01/06/26 18:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/06/26 18:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 05:48	1

Method: SW846 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		01/05/26 09:00	01/07/26 05:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 05:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 05:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	01/05/26 09:00	01/07/26 05:48	1
o-Terphenyl (Surr)	103		70 - 130	01/05/26 09:00	01/07/26 05:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	259		9.98	mg/Kg			01/05/26 13:18	1

Client Sample ID: C-18

Lab Sample ID: 880-66585-18

Date Collected: 01/02/26 10:54

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 19:10	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 19:10	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 19:10	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/06/26 09:15	01/06/26 19:10	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 19:10	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/06/26 09:15	01/06/26 19:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/06/26 09:15	01/06/26 19:10	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/06/26 09:15	01/06/26 19:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/06/26 19:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/07/26 06:02	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-18

Lab Sample ID: 880-66585-18

Date Collected: 01/02/26 10:54

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 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		01/05/26 09:00	01/07/26 06:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 06:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:00	01/07/26 06:02	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130			01/05/26 09:00	01/07/26 06:02	1
o-Terphenyl (Surr)	104		70 - 130			01/05/26 09:00	01/07/26 06:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	517		49.9	mg/Kg			01/05/26 13:23	5

Client Sample ID: C-19

Lab Sample ID: 880-66585-19

Date Collected: 01/02/26 11:01

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 19:31	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 19:31	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 19:31	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/06/26 09:15	01/06/26 19:31	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 19:31	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/06/26 09:15	01/06/26 19:31	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			01/06/26 09:15	01/06/26 19:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130			01/06/26 09:15	01/06/26 19:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/06/26 19:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	728		50.0	mg/Kg			01/07/26 06:17	1

Method: SW846 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		01/05/26 09:00	01/07/26 06:17	1
Diesel Range Organics (Over C10-C28)	586		50.0	mg/Kg		01/05/26 09:00	01/07/26 06:17	1
Oil Range Organics (Over C28-C36)	142		50.0	mg/Kg		01/05/26 09:00	01/07/26 06:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	64	S1-	70 - 130			01/05/26 09:00	01/07/26 06:17	1
o-Terphenyl (Surr)	82		70 - 130			01/05/26 09:00	01/07/26 06:17	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-19

Lab Sample ID: 880-66585-19

Date Collected: 01/02/26 11:01

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	4400		101	mg/Kg			01/05/26 13:37	10

Client Sample ID: C-20

Lab Sample ID: 880-66585-20

Date Collected: 01/02/26 11:04

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 19:51	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 19:51	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 19:51	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/06/26 09:15	01/06/26 19:51	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/06/26 09:15	01/06/26 19:51	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/06/26 09:15	01/06/26 19:51	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			01/06/26 09:15	01/06/26 19:51	1
1,4-Difluorobenzene (Surr)	95		70 - 130			01/06/26 09:15	01/06/26 19:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/06/26 19:51	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	52.7		49.8	mg/Kg			01/07/26 06:32	1

Method: SW846 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		01/05/26 09:00	01/07/26 06:32	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		01/05/26 09:00	01/07/26 06:32	1
Oil Range Organics (Over C28-C36)	52.7		49.8	mg/Kg		01/05/26 09:00	01/07/26 06:32	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130			01/05/26 09:00	01/07/26 06:32	1
o-Terphenyl (Surr)	110		70 - 130			01/05/26 09:00	01/07/26 06:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2120		99.4	mg/Kg			01/05/26 13:42	10

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-21

Lab Sample ID: 880-66585-21

Date Collected: 01/02/26 11:09

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/05/26 10:08	01/05/26 13:36	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/05/26 10:08	01/05/26 13:36	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/05/26 10:08	01/05/26 13:36	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		01/05/26 10:08	01/05/26 13:36	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/05/26 10:08	01/05/26 13:36	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		01/05/26 10:08	01/05/26 13:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	01/05/26 10:08	01/05/26 13:36	1
1,4-Difluorobenzene (Surr)	98		70 - 130	01/05/26 10:08	01/05/26 13:36	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/05/26 13:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 06:48	1

Method: SW846 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		01/05/26 09:00	01/07/26 06:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 06:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:00	01/07/26 06:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	73		70 - 130	01/05/26 09:00	01/07/26 06:48	1
o-Terphenyl (Surr)	76		70 - 130	01/05/26 09:00	01/07/26 06:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	2710		99.2	mg/Kg			01/05/26 13:57	10

Client Sample ID: C-22

Lab Sample ID: 880-66585-22

Date Collected: 01/02/26 11:15

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 13:56	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 13:56	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 13:56	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/05/26 10:08	01/05/26 13:56	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 13:56	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/05/26 10:08	01/05/26 13:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	01/05/26 10:08	01/05/26 13:56	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-22

Lab Sample ID: 880-66585-22

Date Collected: 01/02/26 11:15

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	96		70 - 130	01/05/26 10:08	01/05/26 13:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/05/26 13:56	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			01/07/26 07:02	1

Method: SW846 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		01/05/26 09:00	01/07/26 07:02	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		01/05/26 09:00	01/07/26 07:02	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/05/26 09:00	01/07/26 07:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	107		70 - 130	01/05/26 09:00	01/07/26 07:02	1
o-Terphenyl (Surr)	107		70 - 130	01/05/26 09:00	01/07/26 07:02	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		10.0	mg/Kg			01/05/26 14:02	1

Client Sample ID: C-23

Lab Sample ID: 880-66585-23

Date Collected: 01/02/26 11:20

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 14:17	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 14:17	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 14:17	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/05/26 10:08	01/05/26 14:17	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 14:17	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/05/26 10:08	01/05/26 14:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/05/26 10:08	01/05/26 14:17	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/05/26 10:08	01/05/26 14:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/05/26 14:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 01:33	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-23

Lab Sample ID: 880-66585-23

Date Collected: 01/02/26 11:20

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 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		01/05/26 09:04	01/07/26 01:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 01:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 01:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130			01/05/26 09:04	01/07/26 01:33	1
o-Terphenyl (Surr)	107		70 - 130			01/05/26 09:04	01/07/26 01:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	39.3		10.1	mg/Kg			01/05/26 14:07	1

Client Sample ID: C-24

Lab Sample ID: 880-66585-24

Date Collected: 01/02/26 11:23

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 14:37	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 14:37	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 14:37	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		01/05/26 10:08	01/05/26 14:37	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 14:37	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/05/26 10:08	01/05/26 14:37	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130			01/05/26 10:08	01/05/26 14:37	1
1,4-Difluorobenzene (Surr)	97		70 - 130			01/05/26 10:08	01/05/26 14:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/05/26 14:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 02:18	1

Method: SW846 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		01/05/26 09:04	01/07/26 02:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 02:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 02:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130			01/05/26 09:04	01/07/26 02:18	1
o-Terphenyl (Surr)	111		70 - 130			01/05/26 09:04	01/07/26 02:18	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-24

Lab Sample ID: 880-66585-24

Date Collected: 01/02/26 11:23

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	768		9.94	mg/Kg			01/05/26 14:12	1

Client Sample ID: C-25

Lab Sample ID: 880-66585-25

Date Collected: 01/02/26 11:29

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/05/26 10:08	01/05/26 14:57	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/05/26 10:08	01/05/26 14:57	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/05/26 10:08	01/05/26 14:57	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		01/05/26 10:08	01/05/26 14:57	1
o-Xylene	0.00941		0.00201	mg/Kg		01/05/26 10:08	01/05/26 14:57	1
Xylenes, Total	0.00941		0.00402	mg/Kg		01/05/26 10:08	01/05/26 14:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/05/26 10:08	01/05/26 14:57	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/05/26 10:08	01/05/26 14:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00941		0.00402	mg/Kg			01/05/26 14:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			01/07/26 02:33	1

Method: SW846 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		01/05/26 09:04	01/07/26 02:33	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		01/05/26 09:04	01/07/26 02:33	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/05/26 09:04	01/07/26 02:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	101		70 - 130	01/05/26 09:04	01/07/26 02:33	1
o-Terphenyl (Surr)	109		70 - 130	01/05/26 09:04	01/07/26 02:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	36.0		9.98	mg/Kg			01/05/26 14:17	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-26

Lab Sample ID: 880-66585-26

Date Collected: 01/02/26 11:32

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 15:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 15:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 15:18	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/05/26 10:08	01/05/26 15:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 15:18	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/05/26 10:08	01/05/26 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	01/05/26 10:08	01/05/26 15:18	1
1,4-Difluorobenzene (Surr)	95		70 - 130	01/05/26 10:08	01/05/26 15:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			01/05/26 15:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 02:48	1

Method: SW846 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		01/05/26 09:04	01/07/26 02:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 02:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	102		70 - 130	01/05/26 09:04	01/07/26 02:48	1
o-Terphenyl (Surr)	109		70 - 130	01/05/26 09:04	01/07/26 02:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		10.0	mg/Kg			01/05/26 14:22	1

Client Sample ID: C-27

Lab Sample ID: 880-66585-27

Date Collected: 01/02/26 11:35

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/05/26 10:08	01/05/26 15:38	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/05/26 10:08	01/05/26 15:38	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/05/26 10:08	01/05/26 15:38	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		01/05/26 10:08	01/05/26 15:38	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/05/26 10:08	01/05/26 15:38	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/05/26 10:08	01/05/26 15:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/05/26 10:08	01/05/26 15:38	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-27

Lab Sample ID: 880-66585-27

Date Collected: 01/02/26 11:35

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	95		70 - 130	01/05/26 10:08	01/05/26 15:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/05/26 15:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			01/07/26 03:03	1

Method: SW846 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		01/05/26 09:04	01/07/26 03:03	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		01/05/26 09:04	01/07/26 03:03	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/05/26 09:04	01/07/26 03:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	103		70 - 130	01/05/26 09:04	01/07/26 03:03	1
o-Terphenyl (Surr)	109		70 - 130	01/05/26 09:04	01/07/26 03:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	895		50.0	mg/Kg			01/05/26 14:27	5

Client Sample ID: C-28

Lab Sample ID: 880-66585-28

Date Collected: 01/02/26 11:39

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 17:22	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 17:22	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 17:22	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/05/26 10:08	01/05/26 17:22	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/05/26 10:08	01/05/26 17:22	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/05/26 10:08	01/05/26 17:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/05/26 10:08	01/05/26 17:22	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/05/26 10:08	01/05/26 17:22	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/05/26 17:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 03:18	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-28

Lab Sample ID: 880-66585-28

Date Collected: 01/02/26 11:39

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 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		01/05/26 09:04	01/07/26 03:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 03:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 03:18	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130			01/05/26 09:04	01/07/26 03:18	1
o-Terphenyl (Surr)	112		70 - 130			01/05/26 09:04	01/07/26 03:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1220		50.0	mg/Kg			01/05/26 14:43	5

Client Sample ID: C-29

Lab Sample ID: 880-66585-29

Date Collected: 01/02/26 11:42

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 17:42	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 17:42	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 17:42	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		01/05/26 10:08	01/05/26 17:42	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 17:42	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/05/26 10:08	01/05/26 17:42	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130			01/05/26 10:08	01/05/26 17:42	1
1,4-Difluorobenzene (Surr)	97		70 - 130			01/05/26 10:08	01/05/26 17:42	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/05/26 17:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 03:33	1

Method: SW846 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		01/05/26 09:04	01/07/26 03:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 03:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 03:33	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	99		70 - 130			01/05/26 09:04	01/07/26 03:33	1
o-Terphenyl (Surr)	107		70 - 130			01/05/26 09:04	01/07/26 03:33	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-29

Lab Sample ID: 880-66585-29

Date Collected: 01/02/26 11:42
Date Received: 01/02/26 15:35
Sample Depth: 1'

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3700		100	mg/Kg			01/05/26 15:04	10

Client Sample ID: C-30

Lab Sample ID: 880-66585-30

Date Collected: 01/02/26 11:50
Date Received: 01/02/26 15:35
Sample Depth: 1'

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/13/26 08:50	01/13/26 17:05	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/13/26 08:50	01/13/26 17:05	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/13/26 08:50	01/13/26 17:05	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/13/26 08:50	01/13/26 17:05	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/13/26 08:50	01/13/26 17:05	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/13/26 08:50	01/13/26 17:05	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	114		70 - 130			01/13/26 08:50	01/13/26 17:05	1
1,4-Difluorobenzene (Surr)	93		70 - 130			01/13/26 08:50	01/13/26 17:05	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/13/26 17:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	195		49.9	mg/Kg			01/07/26 03:48	1

Method: SW846 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		01/05/26 09:04	01/07/26 03:48	1
Diesel Range Organics (Over C10-C28)	195		49.9	mg/Kg		01/05/26 09:04	01/07/26 03:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:04	01/07/26 03:48	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	109		70 - 130			01/05/26 09:04	01/07/26 03:48	1
o-Terphenyl (Surr)	117		70 - 130			01/05/26 09:04	01/07/26 03:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1350		50.5	mg/Kg			01/05/26 15:11	5

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-31

Lab Sample ID: 880-66585-31

Date Collected: 01/02/26 11:54

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/13/26 08:50	01/13/26 17:25	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/13/26 08:50	01/13/26 17:25	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/13/26 08:50	01/13/26 17:25	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/13/26 08:50	01/13/26 17:25	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/13/26 08:50	01/13/26 17:25	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/13/26 08:50	01/13/26 17:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	01/13/26 08:50	01/13/26 17:25	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/13/26 08:50	01/13/26 17:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/13/26 17:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 04:03	1

Method: SW846 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		01/05/26 09:04	01/07/26 04:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 04:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 04:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130	01/05/26 09:04	01/07/26 04:03	1
o-Terphenyl (Surr)	119		70 - 130	01/05/26 09:04	01/07/26 04:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5370		99.4	mg/Kg			01/05/26 15:18	10

Client Sample ID: C-32

Lab Sample ID: 880-66585-32

Date Collected: 01/02/26 12:03

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 15:06	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 15:06	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 15:06	1
m,p-Xylenes	<0.00402	U **	0.00402	mg/Kg		01/06/26 08:36	01/06/26 15:06	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 15:06	1
Xylenes, Total	<0.00402	U **	0.00402	mg/Kg		01/06/26 08:36	01/06/26 15:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	140	S1+	70 - 130	01/06/26 08:36	01/06/26 15:06	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-32

Lab Sample ID: 880-66585-32

Date Collected: 01/02/26 12:03

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	98		70 - 130	01/06/26 08:36	01/06/26 15:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/06/26 15:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 04:18	1

Method: SW846 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		01/05/26 09:04	01/07/26 04:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 04:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 04:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130	01/05/26 09:04	01/07/26 04:18	1
o-Terphenyl (Surr)	111		70 - 130	01/05/26 09:04	01/07/26 04:18	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9100		198	mg/Kg			01/05/26 15:25	20

Client Sample ID: C-33

Lab Sample ID: 880-66585-33

Date Collected: 01/02/26 12:05

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		01/06/26 08:36	01/06/26 16:40	1
Toluene	<0.00202	U	0.00202	mg/Kg		01/06/26 08:36	01/06/26 16:40	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		01/06/26 08:36	01/06/26 16:40	1
m,p-Xylenes	<0.00404	U **	0.00404	mg/Kg		01/06/26 08:36	01/06/26 16:40	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		01/06/26 08:36	01/06/26 16:40	1
Xylenes, Total	<0.00404	U **	0.00404	mg/Kg		01/06/26 08:36	01/06/26 16:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	148	S1+	70 - 130	01/06/26 08:36	01/06/26 16:40	1
1,4-Difluorobenzene (Surr)	103		70 - 130	01/06/26 08:36	01/06/26 16:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			01/06/26 16:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/07/26 04:47	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-33

Lab Sample ID: 880-66585-33

Date Collected: 01/02/26 12:05

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 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		01/05/26 09:04	01/07/26 04:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/05/26 09:04	01/07/26 04:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:04	01/07/26 04:47	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	113		70 - 130			01/05/26 09:04	01/07/26 04:47	1
o-Terphenyl (Surr)	115		70 - 130			01/05/26 09:04	01/07/26 04:47	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	6580		201	mg/Kg			01/05/26 15:46	20

Client Sample ID: C-34

Lab Sample ID: 880-66585-34

Date Collected: 01/02/26 12:08

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 17:00	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 17:00	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 17:00	1
m,p-Xylenes	<0.00402	U **	0.00402	mg/Kg		01/06/26 08:36	01/06/26 17:00	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 17:00	1
Xylenes, Total	<0.00402	U **	0.00402	mg/Kg		01/06/26 08:36	01/06/26 17:00	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	133	S1+	70 - 130			01/06/26 08:36	01/06/26 17:00	1
1,4-Difluorobenzene (Surr)	97		70 - 130			01/06/26 08:36	01/06/26 17:00	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/06/26 17:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 05:03	1

Method: SW846 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		01/05/26 09:04	01/07/26 05:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 05:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 05:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	110		70 - 130			01/05/26 09:04	01/07/26 05:03	1
o-Terphenyl (Surr)	112		70 - 130			01/05/26 09:04	01/07/26 05:03	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-34

Lab Sample ID: 880-66585-34

Date Collected: 01/02/26 12:08
Date Received: 01/02/26 15:35
Sample Depth: 1'

Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	17600		505	mg/Kg			01/05/26 15:53	50

Client Sample ID: C-35

Lab Sample ID: 880-66585-35

Date Collected: 01/02/26 12:15
Date Received: 01/02/26 15:35
Sample Depth: 0-1'

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/06/26 08:36	01/06/26 17:21	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/06/26 08:36	01/06/26 17:21	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/06/26 08:36	01/06/26 17:21	1
m,p-Xylenes	<0.00398	U **	0.00398	mg/Kg		01/06/26 08:36	01/06/26 17:21	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/06/26 08:36	01/06/26 17:21	1
Xylenes, Total	<0.00398	U **	0.00398	mg/Kg		01/06/26 08:36	01/06/26 17:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	139	S1+	70 - 130			01/06/26 08:36	01/06/26 17:21	1
1,4-Difluorobenzene (Surr)	96		70 - 130			01/06/26 08:36	01/06/26 17:21	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/06/26 17:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			01/07/26 05:17	1

Method: SW846 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		01/05/26 09:04	01/07/26 05:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		01/05/26 09:04	01/07/26 05:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		01/05/26 09:04	01/07/26 05:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130			01/05/26 09:04	01/07/26 05:17	1
o-Terphenyl (Surr)	114		70 - 130			01/05/26 09:04	01/07/26 05:17	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.0		10.1	mg/Kg			01/05/26 16:00	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-36

Lab Sample ID: 880-66585-36

Date Collected: 01/02/26 12:20

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 0-1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 17:41	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 17:41	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 17:41	1
m,p-Xylenes	<0.00402	U **	0.00402	mg/Kg		01/06/26 08:36	01/06/26 17:41	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		01/06/26 08:36	01/06/26 17:41	1
Xylenes, Total	<0.00402	U **	0.00402	mg/Kg		01/06/26 08:36	01/06/26 17:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	144	S1+	70 - 130	01/06/26 08:36	01/06/26 17:41	1
1,4-Difluorobenzene (Surr)	99		70 - 130	01/06/26 08:36	01/06/26 17:41	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/06/26 17:41	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 05:32	1

Method: SW846 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		01/05/26 09:04	01/07/26 05:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 05:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 05:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	01/05/26 09:04	01/07/26 05:32	1
o-Terphenyl (Surr)	110		70 - 130	01/05/26 09:04	01/07/26 05:32	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.1	U	10.1	mg/Kg			01/05/26 16:07	1

Client Sample ID: C-37

Lab Sample ID: 880-66585-37

Date Collected: 01/02/26 12:23

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 0-1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/06/26 08:36	01/06/26 18:01	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/06/26 08:36	01/06/26 18:01	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/06/26 08:36	01/06/26 18:01	1
m,p-Xylenes	<0.00399	U **	0.00399	mg/Kg		01/06/26 08:36	01/06/26 18:01	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/06/26 08:36	01/06/26 18:01	1
Xylenes, Total	<0.00399	U **	0.00399	mg/Kg		01/06/26 08:36	01/06/26 18:01	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	137	S1+	70 - 130	01/06/26 08:36	01/06/26 18:01	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-37

Lab Sample ID: 880-66585-37

Date Collected: 01/02/26 12:23

Matrix: Solid

Date Received: 01/02/26 15:35

Sample Depth: 0-1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	99		70 - 130	01/06/26 08:36	01/06/26 18:01	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/06/26 18:01	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/07/26 05:48	1

Method: SW846 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		01/05/26 09:04	01/07/26 05:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 05:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 05:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	01/05/26 09:04	01/07/26 05:48	1
o-Terphenyl (Surr)	106		70 - 130	01/05/26 09:04	01/07/26 05:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<9.94	U	9.94	mg/Kg			01/05/26 16:15	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-66585-1
SDG: 25-0124-01

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)
880-66585-1	C-1	137 S1+	109
880-66585-2	C-2	144 S1+	122
880-66585-3	C-3	125	112
880-66585-4	C-4	145 S1+	120
880-66585-5	C-5	103	102
880-66585-6	C-6	152 S1+	110
880-66585-7	C-7	130	111
880-66585-8	C-8	126	102
880-66585-9	C-9	127	112
880-66585-10	C-10	129	109
880-66585-11	C-11	156 S1+	124
880-66585-12	C-12	106	100
880-66585-13	C-13	113	100
880-66585-14	C-14	102	100
880-66585-15	C-15	103	96
880-66585-16	C-16	114	101
880-66585-17	C-17	118	101
880-66585-18	C-18	112	93
880-66585-19	C-19	110	101
880-66585-20	C-20	106	95
880-66585-21	C-21	106	98
880-66585-22	C-22	112	96
880-66585-23	C-23	104	97
880-66585-24	C-24	107	97
880-66585-25	C-25	108	95
880-66585-26	C-26	104	95
880-66585-27	C-27	109	95
880-66585-28	C-28	102	97
880-66585-29	C-29	109	97
880-66585-30	C-30	114	93
880-66585-31	C-31	121	93
880-66585-32	C-32	140 S1+	98
880-66585-33	C-33	148 S1+	103
880-66585-34	C-34	133 S1+	97
880-66585-35	C-35	139 S1+	96
880-66585-36	C-36	144 S1+	99
880-66585-37	C-37	137 S1+	99
LCS 880-128173/1-A	Lab Control Sample	107	97
LCS 880-128188/1-A	Lab Control Sample	102	88
LCS 880-128232/1-A	Lab Control Sample	129	95
LCS 880-128240/1-A	Lab Control Sample	114	103
LCS 880-128840/1-A	Lab Control Sample	112	93
LCSD 880-128173/2-A	Lab Control Sample Dup	105	96
LCSD 880-128188/2-A	Lab Control Sample Dup	100	90
LCSD 880-128232/2-A	Lab Control Sample Dup	92	90
LCSD 880-128240/2-A	Lab Control Sample Dup	117	100
LCSD 880-128840/2-A	Lab Control Sample Dup	114	92
MB 880-128173/5-A	Method Blank	100	90
MB 880-128188/5-A	Method Blank	155 S1+	100

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Surrogate Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66585-1
 SDG: 25-0124-01

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)
MB 880-128232/5-A	Method Blank	142 S1+	97
MB 880-128240/5-A	Method Blank	110	94
MB 880-128840/5-A	Method Blank	109	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)
880-66585-1	C-1	110	112
880-66585-2	C-2	113	116
880-66585-3	C-3	109	111
880-66585-3 MS	C-3	110	109
880-66585-3 MSD	C-3	133 S1+	112
880-66585-4	C-4	118	112
880-66585-5	C-5	113	108
880-66585-6	C-6	112	110
880-66585-7	C-7	112	109
880-66585-8	C-8	107	101
880-66585-9	C-9	112	106
880-66585-10	C-10	111	108
880-66585-11	C-11	112	112
880-66585-12	C-12	111	108
880-66585-13	C-13	105	99
880-66585-14	C-14	113	109
880-66585-15	C-15	108	106
880-66585-16	C-16	109	108
880-66585-17	C-17	106	103
880-66585-18	C-18	104	104
880-66585-19	C-19	64 S1-	82
880-66585-20	C-20	115	110
880-66585-21	C-21	73	76
880-66585-22	C-22	107	107
880-66585-23	C-23	97	107
880-66585-23 MS	C-23	104	113
880-66585-23 MSD	C-23	103	113
880-66585-24	C-24	100	111
880-66585-25	C-25	101	109
880-66585-26	C-26	102	109
880-66585-27	C-27	103	109
880-66585-28	C-28	104	112
880-66585-29	C-29	99	107
880-66585-30	C-30	109	117
880-66585-31	C-31	114	119
880-66585-32	C-32	106	111
880-66585-33	C-33	113	115

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Surrogate Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66585-1
 SDG: 25-0124-01

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)
880-66585-34	C-34	110	112
880-66585-35	C-35	114	114
880-66585-36	C-36	105	110
880-66585-37	C-37	105	106
LCS 880-127965/2-A	Lab Control Sample	111	115
LCS 880-128160/2-A	Lab Control Sample	108	112
LCS 880-128162/2-A	Lab Control Sample	107	115
LCSD 880-127965/3-A	Lab Control Sample Dup	114	120
LCSD 880-128160/3-A	Lab Control Sample Dup	137 S1+	114
LCSD 880-128162/3-A	Lab Control Sample Dup	106	117
MB 880-127965/1-A	Method Blank	125	133 S1+
MB 880-128160/1-A	Method Blank	118	109
MB 880-128162/1-A	Method Blank	115	114

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
 OTPH = o-Terphenyl (Surr)

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

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-128173/5-A
Matrix: Solid
Analysis Batch: 128159

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128173

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 12:33	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 12:33	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 12:33	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/05/26 10:08	01/05/26 12:33	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/05/26 10:08	01/05/26 12:33	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/05/26 10:08	01/05/26 12:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	01/05/26 10:08	01/05/26 12:33	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/05/26 10:08	01/05/26 12:33	1

Lab Sample ID: LCS 880-128173/1-A
Matrix: Solid
Analysis Batch: 128159

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128173

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1166		mg/Kg		117	70 - 130
Toluene	0.100	0.1076		mg/Kg		108	70 - 130
Ethylbenzene	0.100	0.1101		mg/Kg		110	70 - 130
m,p-Xylenes	0.200	0.2233		mg/Kg		112	70 - 130
o-Xylene	0.100	0.1127		mg/Kg		113	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: LCSD 880-128173/2-A
Matrix: Solid
Analysis Batch: 128159

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128173

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1180		mg/Kg		118	70 - 130	1	35
Toluene	0.100	0.1094		mg/Kg		109	70 - 130	2	35
Ethylbenzene	0.100	0.1115		mg/Kg		112	70 - 130	1	35
m,p-Xylenes	0.200	0.2259		mg/Kg		113	70 - 130	1	35
o-Xylene	0.100	0.1146		mg/Kg		115	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-128188/5-A
Matrix: Solid
Analysis Batch: 128155

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128188

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 13:25	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 13:25	1

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

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

Lab Sample ID: MB 880-128188/5-A
Matrix: Solid
Analysis Batch: 128155

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128188

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 13:25	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/05/26 11:32	01/05/26 13:25	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/05/26 11:32	01/05/26 13:25	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/05/26 11:32	01/05/26 13:25	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	155	S1+	70 - 130	01/05/26 11:32	01/05/26 13:25	1
1,4-Difluorobenzene (Surr)	100		70 - 130	01/05/26 11:32	01/05/26 13:25	1

Lab Sample ID: LCS 880-128188/1-A
Matrix: Solid
Analysis Batch: 128155

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128188

Analyte	Spike Added	LCS LCS		Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1202		mg/Kg		120	70 - 130
Toluene	0.100	0.1173		mg/Kg		117	70 - 130
Ethylbenzene	0.100	0.1474	*+	mg/Kg		147	70 - 130
m,p-Xylenes	0.200	0.2595		mg/Kg		130	70 - 130
o-Xylene	0.100	0.1044		mg/Kg		104	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	88		70 - 130

Lab Sample ID: LCSD 880-128188/2-A
Matrix: Solid
Analysis Batch: 128155

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128188

Analyte	Spike Added	LCSD LCSD		Unit	D	%Rec	%Rec Limits	RPD	
		Result	Qualifier					RPD	Limit
Benzene	0.100	0.09797		mg/Kg		98	70 - 130	20	35
Toluene	0.100	0.1046		mg/Kg		105	70 - 130	11	35
Ethylbenzene	0.100	0.1145		mg/Kg		114	70 - 130	25	35
m,p-Xylenes	0.200	0.1938		mg/Kg		97	70 - 130	29	35
o-Xylene	0.100	0.09389		mg/Kg		94	70 - 130	11	35

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: MB 880-128232/5-A
Matrix: Solid
Analysis Batch: 128236

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128232

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.00200	U	0.00200	mg/Kg		01/06/26 08:36	01/06/26 11:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/06/26 08:36	01/06/26 11:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/06/26 08:36	01/06/26 11:40	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/06/26 08:36	01/06/26 11:40	1

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

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

Lab Sample ID: MB 880-128232/5-A
Matrix: Solid
Analysis Batch: 128236

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128232

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/06/26 08:36	01/06/26 11:40	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/06/26 08:36	01/06/26 11:40	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	142	S1+	70 - 130	01/06/26 08:36	01/06/26 11:40	1
1,4-Difluorobenzene (Surr)	97		70 - 130	01/06/26 08:36	01/06/26 11:40	1

Lab Sample ID: LCS 880-128232/1-A
Matrix: Solid
Analysis Batch: 128236

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128232

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	%Rec Limits
		Result	Qualifier				
Benzene	0.100	0.1109		mg/Kg		111	70 - 130
Toluene	0.100	0.1111		mg/Kg		111	70 - 130
Ethylbenzene	0.100	0.1295		mg/Kg		130	70 - 130
m,p-Xylenes	0.200	0.2658	*+	mg/Kg		133	70 - 130
o-Xylene	0.100	0.1302		mg/Kg		130	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	129		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: LCSD 880-128232/2-A
Matrix: Solid
Analysis Batch: 128236

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128232

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
		Result	Qualifier						
Benzene	0.100	0.08102		mg/Kg		81	70 - 130	31	35
Toluene	0.100	0.08163		mg/Kg		82	70 - 130	31	35
Ethylbenzene	0.100	0.09452		mg/Kg		95	70 - 130	31	35
m,p-Xylenes	0.200	0.1917		mg/Kg		96	70 - 130	32	35
o-Xylene	0.100	0.09459		mg/Kg		95	70 - 130	32	35

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	92		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

Lab Sample ID: MB 880-128240/5-A
Matrix: Solid
Analysis Batch: 128235

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128240

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 11:48	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 11:48	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 11:48	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/06/26 09:15	01/06/26 11:48	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/06/26 09:15	01/06/26 11:48	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/06/26 09:15	01/06/26 11:48	1

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	01/06/26 09:15	01/06/26 11:48	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/06/26 09:15	01/06/26 11:48	1

Lab Sample ID: LCS 880-128240/1-A
Matrix: Solid
Analysis Batch: 128235

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128240

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1138		mg/Kg		114	70 - 130
Toluene	0.100	0.1137		mg/Kg		114	70 - 130
Ethylbenzene	0.100	0.1223		mg/Kg		122	70 - 130
m,p-Xylenes	0.200	0.2431		mg/Kg		122	70 - 130
o-Xylene	0.100	0.1232		mg/Kg		123	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	103		70 - 130

Lab Sample ID: LCSD 880-128240/2-A
Matrix: Solid
Analysis Batch: 128235

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128240

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.1102		mg/Kg		110	70 - 130	3	35
Toluene	0.100	0.1152		mg/Kg		115	70 - 130	1	35
Ethylbenzene	0.100	0.1256		mg/Kg		126	70 - 130	3	35
m,p-Xylenes	0.200	0.2579		mg/Kg		129	70 - 130	6	35
o-Xylene	0.100	0.1274		mg/Kg		127	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	117		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-128840/5-A
Matrix: Solid
Analysis Batch: 128828

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128840

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/13/26 08:50	01/13/26 10:51	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/13/26 08:50	01/13/26 10:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/13/26 08:50	01/13/26 10:51	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/13/26 08:50	01/13/26 10:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/13/26 08:50	01/13/26 10:51	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/13/26 08:50	01/13/26 10:51	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	01/13/26 08:50	01/13/26 10:51	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/13/26 08:50	01/13/26 10:51	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

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

Lab Sample ID: LCS 880-128840/1-A
Matrix: Solid
Analysis Batch: 128828

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128840

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	0.1013		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09989		mg/Kg		100	70 - 130
m,p-Xylenes	0.200	0.1963		mg/Kg		98	70 - 130
o-Xylene	0.100	0.09899		mg/Kg		99	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: LCSD 880-128840/2-A
Matrix: Solid
Analysis Batch: 128828

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128840

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.1122		mg/Kg		112	70 - 130	4	35
Toluene	0.100	0.1057		mg/Kg		106	70 - 130	4	35
Ethylbenzene	0.100	0.1051		mg/Kg		105	70 - 130	5	35
m,p-Xylenes	0.200	0.2066		mg/Kg		103	70 - 130	5	35
o-Xylene	0.100	0.1045		mg/Kg		104	70 - 130	5	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	114		70 - 130
1,4-Difluorobenzene (Surr)	92		70 - 130

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

Lab Sample ID: MB 880-127965/1-A
Matrix: Solid
Analysis Batch: 128195

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 127965

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		12/31/25 08:51	01/05/26 20:49	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		12/31/25 08:51	01/05/26 20:49	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		12/31/25 08:51	01/05/26 20:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	125		70 - 130	12/31/25 08:51	01/05/26 20:49	1
o-Terphenyl (Surr)	133	S1+	70 - 130	12/31/25 08:51	01/05/26 20:49	1

Lab Sample ID: LCS 880-127965/2-A
Matrix: Solid
Analysis Batch: 128195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1054		mg/Kg		105	70 - 130

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

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

Lab Sample ID: LCS 880-127965/2-A
Matrix: Solid
Analysis Batch: 128195

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 127965

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	1013		mg/Kg		101	70 - 130
		LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane (Surr)	111		70 - 130				
o-Terphenyl (Surr)	115		70 - 130				

Lab Sample ID: LCSD 880-127965/3-A
Matrix: Solid
Analysis Batch: 128195

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 127965

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	1068		mg/Kg		107	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1043		mg/Kg		104	70 - 130	3	20
		LCSD	LCSD						
Surrogate	%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)	114		70 - 130						
o-Terphenyl (Surr)	120		70 - 130						

Lab Sample ID: MB 880-128160/1-A
Matrix: Solid
Analysis Batch: 128257

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128160

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		01/05/26 08:59	01/07/26 00:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 08:59	01/07/26 00:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 08:59	01/07/26 00:34	1
		MB	MB					
Surrogate	%Recovery	Qualifier	Limits	Prepared		Analyzed	Dil Fac	
1-Chlorooctane (Surr)	118		70 - 130	01/05/26 08:59		01/07/26 00:34	1	
o-Terphenyl (Surr)	109		70 - 130	01/05/26 08:59		01/07/26 00:34	1	

Lab Sample ID: LCS 880-128160/2-A
Matrix: Solid
Analysis Batch: 128257

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128160

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	961.8		mg/Kg		96	70 - 130
Diesel Range Organics (Over C10-C28)	1000	972.6		mg/Kg		97	70 - 130
		LCS	LCS				
Surrogate	%Recovery	Qualifier	Limits				
1-Chlorooctane (Surr)	108		70 - 130				
o-Terphenyl (Surr)	112		70 - 130				

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

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

Lab Sample ID: LCSD 880-128160/3-A
Matrix: Solid
Analysis Batch: 128257

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128160

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit	
Gasoline Range Organics (GRO)-C6-C10	1000	974.0		mg/Kg		97	70 - 130	1	20	
Diesel Range Organics (Over C10-C28)	1000	909.8		mg/Kg		91	70 - 130	7	20	
		LCSD	LCSD							
Surrogate		%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)		137	S1+	70 - 130						
o-Terphenyl (Surr)		114		70 - 130						

Lab Sample ID: 880-66585-3 MS
Matrix: Solid
Analysis Batch: 128257

Client Sample ID: C-3
Prep Type: Total/NA
Prep Batch: 128160

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	997	869.7		mg/Kg		87	70 - 130	
Diesel Range Organics (Over C10-C28)	<49.9	U	997	855.4		mg/Kg		86	70 - 130	
		MS	MS							
Surrogate		%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)		110		70 - 130						
o-Terphenyl (Surr)		109		70 - 130						

Lab Sample ID: 880-66585-3 MSD
Matrix: Solid
Analysis Batch: 128257

Client Sample ID: C-3
Prep Type: Total/NA
Prep Batch: 128160

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	997	864.2		mg/Kg		87	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U	997	823.0		mg/Kg		83	70 - 130	4	20
		MSD	MSD								
Surrogate		%Recovery	Qualifier	Limits							
1-Chlorooctane (Surr)		133	S1+	70 - 130							
o-Terphenyl (Surr)		112		70 - 130							

Lab Sample ID: MB 880-128162/1-A
Matrix: Solid
Analysis Batch: 128258

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128162

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		01/05/26 09:04	01/07/26 00:34		1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 00:34		1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/05/26 09:04	01/07/26 00:34		1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

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

Lab Sample ID: MB 880-128162/1-A
Matrix: Solid
Analysis Batch: 128258

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 128162

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	115		70 - 130	01/05/26 09:04	01/07/26 00:34	1
o-Terphenyl (Surr)	114		70 - 130	01/05/26 09:04	01/07/26 00:34	1

Lab Sample ID: LCS 880-128162/2-A
Matrix: Solid
Analysis Batch: 128258

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 128162

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	978.9		mg/Kg		98	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	115		70 - 130

Lab Sample ID: LCSD 880-128162/3-A
Matrix: Solid
Analysis Batch: 128258

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 128162

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Diesel Range Organics (Over C10-C28)	1000	1004		mg/Kg		100	70 - 130	2	20

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	117		70 - 130

Lab Sample ID: 880-66585-23 MS
Matrix: Solid
Analysis Batch: 128258

Client Sample ID: C-23
Prep Type: Total/NA
Prep Batch: 128162

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	919.9		mg/Kg		89	70 - 130

Surrogate	MS MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	113		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

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

Lab Sample ID: 880-66585-23 MSD
Matrix: Solid
Analysis Batch: 128258

Client Sample ID: C-23
Prep Type: Total/NA
Prep Batch: 128162

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	1000	910.2		mg/Kg		91	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	901.1		mg/Kg		87	70 - 130	2	20
Surrogate	%Recovery	MSD Qualifier	MSD	Limits							
1-Chlorooctane (Surr)	103			70 - 130							
o-Terphenyl (Surr)	113			70 - 130							

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-128151/1-A
Matrix: Solid
Analysis Batch: 128185

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			01/05/26 11:26	1

Lab Sample ID: LCS 880-128151/2-A
Matrix: Solid
Analysis Batch: 128185

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.5		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-128151/3-A
Matrix: Solid
Analysis Batch: 128185

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	238.1		mg/Kg		95	90 - 110	1	20

Lab Sample ID: MB 880-128152/1-A
Matrix: Solid
Analysis Batch: 128189

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			01/05/26 11:59	1

Lab Sample ID: LCS 880-128152/2-A
Matrix: Solid
Analysis Batch: 128189

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	233.4		mg/Kg		93	90 - 110

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-128152/3-A
Matrix: Solid
Analysis Batch: 128189

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: 880-66585-8 MS
Matrix: Solid
Analysis Batch: 128189

Client Sample ID: C-8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	118		251	381.1		mg/Kg		105	90 - 110

Lab Sample ID: 880-66585-8 MSD
Matrix: Solid
Analysis Batch: 128189

Client Sample ID: C-8
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	118		251	380.2		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-66585-18 MS
Matrix: Solid
Analysis Batch: 128189

Client Sample ID: C-18
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	517		1250	1820		mg/Kg		105	90 - 110

Lab Sample ID: 880-66585-18 MSD
Matrix: Solid
Analysis Batch: 128189

Client Sample ID: C-18
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	517		1250	1822		mg/Kg		105	90 - 110	0	20

Lab Sample ID: MB 880-128153/1-A
Matrix: Solid
Analysis Batch: 128198

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			01/05/26 14:22	1

Lab Sample ID: LCS 880-128153/2-A
Matrix: Solid
Analysis Batch: 128198

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	256.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-128153/3-A
Matrix: Solid
Analysis Batch: 128198

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	254.2		mg/Kg		102	90 - 110	1	20

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QC Sample Results

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66585-1
 SDG: 25-0124-01

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-66585-28 MS
Matrix: Solid
Analysis Batch: 128198

Client Sample ID: C-28
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	1220		1250	2544		mg/Kg		106	90 - 110

Lab Sample ID: 880-66585-28 MSD
Matrix: Solid
Analysis Batch: 128198

Client Sample ID: C-28
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	1220		1250	2543		mg/Kg		106	90 - 110	0	20

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

QC Association Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66585-1
 SDG: 25-0124-01

GC VOA

Analysis Batch: 128155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-1	C-1	Total/NA	Solid	8021B	128188
880-66585-2	C-2	Total/NA	Solid	8021B	128188
880-66585-3	C-3	Total/NA	Solid	8021B	128188
880-66585-4	C-4	Total/NA	Solid	8021B	128188
880-66585-5	C-5	Total/NA	Solid	8021B	128188
880-66585-6	C-6	Total/NA	Solid	8021B	128188
880-66585-7	C-7	Total/NA	Solid	8021B	128188
880-66585-8	C-8	Total/NA	Solid	8021B	128188
880-66585-9	C-9	Total/NA	Solid	8021B	128188
880-66585-10	C-10	Total/NA	Solid	8021B	128188
880-66585-11	C-11	Total/NA	Solid	8021B	128188
MB 880-128188/5-A	Method Blank	Total/NA	Solid	8021B	128188
LCS 880-128188/1-A	Lab Control Sample	Total/NA	Solid	8021B	128188
LCSD 880-128188/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128188

Analysis Batch: 128159

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-21	C-21	Total/NA	Solid	8021B	128173
880-66585-22	C-22	Total/NA	Solid	8021B	128173
880-66585-23	C-23	Total/NA	Solid	8021B	128173
880-66585-24	C-24	Total/NA	Solid	8021B	128173
880-66585-25	C-25	Total/NA	Solid	8021B	128173
880-66585-26	C-26	Total/NA	Solid	8021B	128173
880-66585-27	C-27	Total/NA	Solid	8021B	128173
880-66585-28	C-28	Total/NA	Solid	8021B	128173
880-66585-29	C-29	Total/NA	Solid	8021B	128173
MB 880-128173/5-A	Method Blank	Total/NA	Solid	8021B	128173
LCS 880-128173/1-A	Lab Control Sample	Total/NA	Solid	8021B	128173
LCSD 880-128173/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128173

Prep Batch: 128173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-21	C-21	Total/NA	Solid	5035	
880-66585-22	C-22	Total/NA	Solid	5035	
880-66585-23	C-23	Total/NA	Solid	5035	
880-66585-24	C-24	Total/NA	Solid	5035	
880-66585-25	C-25	Total/NA	Solid	5035	
880-66585-26	C-26	Total/NA	Solid	5035	
880-66585-27	C-27	Total/NA	Solid	5035	
880-66585-28	C-28	Total/NA	Solid	5035	
880-66585-29	C-29	Total/NA	Solid	5035	
MB 880-128173/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128173/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128173/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 128188

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-1	C-1	Total/NA	Solid	5035	
880-66585-2	C-2	Total/NA	Solid	5035	
880-66585-3	C-3	Total/NA	Solid	5035	
880-66585-4	C-4	Total/NA	Solid	5035	

Eurofins Midland

QC Association Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66585-1
 SDG: 25-0124-01

GC VOA (Continued)

Prep Batch: 128188 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-5	C-5	Total/NA	Solid	5035	
880-66585-6	C-6	Total/NA	Solid	5035	
880-66585-7	C-7	Total/NA	Solid	5035	
880-66585-8	C-8	Total/NA	Solid	5035	
880-66585-9	C-9	Total/NA	Solid	5035	
880-66585-10	C-10	Total/NA	Solid	5035	
880-66585-11	C-11	Total/NA	Solid	5035	
MB 880-128188/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128188/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128188/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 128221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-1	C-1	Total/NA	Solid	Total BTEX	
880-66585-2	C-2	Total/NA	Solid	Total BTEX	
880-66585-3	C-3	Total/NA	Solid	Total BTEX	
880-66585-4	C-4	Total/NA	Solid	Total BTEX	
880-66585-5	C-5	Total/NA	Solid	Total BTEX	
880-66585-6	C-6	Total/NA	Solid	Total BTEX	
880-66585-7	C-7	Total/NA	Solid	Total BTEX	
880-66585-8	C-8	Total/NA	Solid	Total BTEX	
880-66585-9	C-9	Total/NA	Solid	Total BTEX	
880-66585-10	C-10	Total/NA	Solid	Total BTEX	
880-66585-11	C-11	Total/NA	Solid	Total BTEX	
880-66585-12	C-12	Total/NA	Solid	Total BTEX	
880-66585-13	C-13	Total/NA	Solid	Total BTEX	
880-66585-14	C-14	Total/NA	Solid	Total BTEX	
880-66585-15	C-15	Total/NA	Solid	Total BTEX	
880-66585-16	C-16	Total/NA	Solid	Total BTEX	
880-66585-17	C-17	Total/NA	Solid	Total BTEX	
880-66585-18	C-18	Total/NA	Solid	Total BTEX	
880-66585-19	C-19	Total/NA	Solid	Total BTEX	
880-66585-20	C-20	Total/NA	Solid	Total BTEX	
880-66585-21	C-21	Total/NA	Solid	Total BTEX	
880-66585-22	C-22	Total/NA	Solid	Total BTEX	
880-66585-23	C-23	Total/NA	Solid	Total BTEX	
880-66585-24	C-24	Total/NA	Solid	Total BTEX	
880-66585-25	C-25	Total/NA	Solid	Total BTEX	
880-66585-26	C-26	Total/NA	Solid	Total BTEX	
880-66585-27	C-27	Total/NA	Solid	Total BTEX	
880-66585-28	C-28	Total/NA	Solid	Total BTEX	
880-66585-29	C-29	Total/NA	Solid	Total BTEX	
880-66585-30	C-30	Total/NA	Solid	Total BTEX	
880-66585-31	C-31	Total/NA	Solid	Total BTEX	
880-66585-32	C-32	Total/NA	Solid	Total BTEX	
880-66585-33	C-33	Total/NA	Solid	Total BTEX	
880-66585-34	C-34	Total/NA	Solid	Total BTEX	
880-66585-35	C-35	Total/NA	Solid	Total BTEX	
880-66585-36	C-36	Total/NA	Solid	Total BTEX	
880-66585-37	C-37	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66585-1
 SDG: 25-0124-01

GC VOA

Prep Batch: 128232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-32	C-32	Total/NA	Solid	5035	
880-66585-33	C-33	Total/NA	Solid	5035	
880-66585-34	C-34	Total/NA	Solid	5035	
880-66585-35	C-35	Total/NA	Solid	5035	
880-66585-36	C-36	Total/NA	Solid	5035	
880-66585-37	C-37	Total/NA	Solid	5035	
MB 880-128232/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128232/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128232/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 128235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-12	C-12	Total/NA	Solid	8021B	128240
880-66585-13	C-13	Total/NA	Solid	8021B	128240
880-66585-14	C-14	Total/NA	Solid	8021B	128240
880-66585-15	C-15	Total/NA	Solid	8021B	128240
880-66585-16	C-16	Total/NA	Solid	8021B	128240
880-66585-17	C-17	Total/NA	Solid	8021B	128240
880-66585-18	C-18	Total/NA	Solid	8021B	128240
880-66585-19	C-19	Total/NA	Solid	8021B	128240
880-66585-20	C-20	Total/NA	Solid	8021B	128240
MB 880-128240/5-A	Method Blank	Total/NA	Solid	8021B	128240
LCS 880-128240/1-A	Lab Control Sample	Total/NA	Solid	8021B	128240
LCSD 880-128240/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128240

Analysis Batch: 128236

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-32	C-32	Total/NA	Solid	8021B	128232
880-66585-33	C-33	Total/NA	Solid	8021B	128232
880-66585-34	C-34	Total/NA	Solid	8021B	128232
880-66585-35	C-35	Total/NA	Solid	8021B	128232
880-66585-36	C-36	Total/NA	Solid	8021B	128232
880-66585-37	C-37	Total/NA	Solid	8021B	128232
MB 880-128232/5-A	Method Blank	Total/NA	Solid	8021B	128232
LCS 880-128232/1-A	Lab Control Sample	Total/NA	Solid	8021B	128232
LCSD 880-128232/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128232

Prep Batch: 128240

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-12	C-12	Total/NA	Solid	5035	
880-66585-13	C-13	Total/NA	Solid	5035	
880-66585-14	C-14	Total/NA	Solid	5035	
880-66585-15	C-15	Total/NA	Solid	5035	
880-66585-16	C-16	Total/NA	Solid	5035	
880-66585-17	C-17	Total/NA	Solid	5035	
880-66585-18	C-18	Total/NA	Solid	5035	
880-66585-19	C-19	Total/NA	Solid	5035	
880-66585-20	C-20	Total/NA	Solid	5035	
MB 880-128240/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128240/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128240/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66585-1
 SDG: 25-0124-01

GC VOA

Analysis Batch: 128828

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-30	C-30	Total/NA	Solid	8021B	128840
880-66585-31	C-31	Total/NA	Solid	8021B	128840
MB 880-128840/5-A	Method Blank	Total/NA	Solid	8021B	128840
LCS 880-128840/1-A	Lab Control Sample	Total/NA	Solid	8021B	128840
LCSD 880-128840/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	128840

Prep Batch: 128840

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-30	C-30	Total/NA	Solid	5035	
880-66585-31	C-31	Total/NA	Solid	5035	
MB 880-128840/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-128840/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-128840/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Prep Batch: 127965

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-1	C-1	Total/NA	Solid	8015NM Prep	
880-66585-2	C-2	Total/NA	Solid	8015NM Prep	
MB 880-127965/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-127965/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-127965/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 128160

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-3	C-3	Total/NA	Solid	8015NM Prep	
880-66585-4	C-4	Total/NA	Solid	8015NM Prep	
880-66585-5	C-5	Total/NA	Solid	8015NM Prep	
880-66585-6	C-6	Total/NA	Solid	8015NM Prep	
880-66585-7	C-7	Total/NA	Solid	8015NM Prep	
880-66585-8	C-8	Total/NA	Solid	8015NM Prep	
880-66585-9	C-9	Total/NA	Solid	8015NM Prep	
880-66585-10	C-10	Total/NA	Solid	8015NM Prep	
880-66585-11	C-11	Total/NA	Solid	8015NM Prep	
880-66585-12	C-12	Total/NA	Solid	8015NM Prep	
880-66585-13	C-13	Total/NA	Solid	8015NM Prep	
880-66585-14	C-14	Total/NA	Solid	8015NM Prep	
880-66585-15	C-15	Total/NA	Solid	8015NM Prep	
880-66585-16	C-16	Total/NA	Solid	8015NM Prep	
880-66585-17	C-17	Total/NA	Solid	8015NM Prep	
880-66585-18	C-18	Total/NA	Solid	8015NM Prep	
880-66585-19	C-19	Total/NA	Solid	8015NM Prep	
880-66585-20	C-20	Total/NA	Solid	8015NM Prep	
880-66585-21	C-21	Total/NA	Solid	8015NM Prep	
880-66585-22	C-22	Total/NA	Solid	8015NM Prep	
MB 880-128160/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-128160/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-128160/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-66585-3 MS	C-3	Total/NA	Solid	8015NM Prep	
880-66585-3 MSD	C-3	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66585-1
 SDG: 25-0124-01

GC Semi VOA

Prep Batch: 128162

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-23	C-23	Total/NA	Solid	8015NM Prep	
880-66585-24	C-24	Total/NA	Solid	8015NM Prep	
880-66585-25	C-25	Total/NA	Solid	8015NM Prep	
880-66585-26	C-26	Total/NA	Solid	8015NM Prep	
880-66585-27	C-27	Total/NA	Solid	8015NM Prep	
880-66585-28	C-28	Total/NA	Solid	8015NM Prep	
880-66585-29	C-29	Total/NA	Solid	8015NM Prep	
880-66585-30	C-30	Total/NA	Solid	8015NM Prep	
880-66585-31	C-31	Total/NA	Solid	8015NM Prep	
880-66585-32	C-32	Total/NA	Solid	8015NM Prep	
880-66585-33	C-33	Total/NA	Solid	8015NM Prep	
880-66585-34	C-34	Total/NA	Solid	8015NM Prep	
880-66585-35	C-35	Total/NA	Solid	8015NM Prep	
880-66585-36	C-36	Total/NA	Solid	8015NM Prep	
880-66585-37	C-37	Total/NA	Solid	8015NM Prep	
MB 880-128162/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-128162/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-128162/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-66585-23 MS	C-23	Total/NA	Solid	8015NM Prep	
880-66585-23 MSD	C-23	Total/NA	Solid	8015NM Prep	

Analysis Batch: 128195

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-1	C-1	Total/NA	Solid	8015B NM	127965
880-66585-2	C-2	Total/NA	Solid	8015B NM	127965
MB 880-127965/1-A	Method Blank	Total/NA	Solid	8015B NM	127965
LCS 880-127965/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	127965
LCSD 880-127965/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	127965

Analysis Batch: 128257

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-3	C-3	Total/NA	Solid	8015B NM	128160
880-66585-4	C-4	Total/NA	Solid	8015B NM	128160
880-66585-5	C-5	Total/NA	Solid	8015B NM	128160
880-66585-6	C-6	Total/NA	Solid	8015B NM	128160
880-66585-7	C-7	Total/NA	Solid	8015B NM	128160
880-66585-8	C-8	Total/NA	Solid	8015B NM	128160
880-66585-9	C-9	Total/NA	Solid	8015B NM	128160
880-66585-10	C-10	Total/NA	Solid	8015B NM	128160
880-66585-11	C-11	Total/NA	Solid	8015B NM	128160
880-66585-12	C-12	Total/NA	Solid	8015B NM	128160
880-66585-13	C-13	Total/NA	Solid	8015B NM	128160
880-66585-14	C-14	Total/NA	Solid	8015B NM	128160
880-66585-15	C-15	Total/NA	Solid	8015B NM	128160
880-66585-16	C-16	Total/NA	Solid	8015B NM	128160
880-66585-17	C-17	Total/NA	Solid	8015B NM	128160
880-66585-18	C-18	Total/NA	Solid	8015B NM	128160
880-66585-19	C-19	Total/NA	Solid	8015B NM	128160
880-66585-20	C-20	Total/NA	Solid	8015B NM	128160
880-66585-21	C-21	Total/NA	Solid	8015B NM	128160
880-66585-22	C-22	Total/NA	Solid	8015B NM	128160

Eurofins Midland

QC Association Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-66585-1
 SDG: 25-0124-01

GC Semi VOA (Continued)

Analysis Batch: 128257 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-128160/1-A	Method Blank	Total/NA	Solid	8015B NM	128160
LCS 880-128160/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	128160
LCSD 880-128160/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	128160
880-66585-3 MS	C-3	Total/NA	Solid	8015B NM	128160
880-66585-3 MSD	C-3	Total/NA	Solid	8015B NM	128160

Analysis Batch: 128258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-23	C-23	Total/NA	Solid	8015B NM	128162
880-66585-24	C-24	Total/NA	Solid	8015B NM	128162
880-66585-25	C-25	Total/NA	Solid	8015B NM	128162
880-66585-26	C-26	Total/NA	Solid	8015B NM	128162
880-66585-27	C-27	Total/NA	Solid	8015B NM	128162
880-66585-28	C-28	Total/NA	Solid	8015B NM	128162
880-66585-29	C-29	Total/NA	Solid	8015B NM	128162
880-66585-30	C-30	Total/NA	Solid	8015B NM	128162
880-66585-31	C-31	Total/NA	Solid	8015B NM	128162
880-66585-32	C-32	Total/NA	Solid	8015B NM	128162
880-66585-33	C-33	Total/NA	Solid	8015B NM	128162
880-66585-34	C-34	Total/NA	Solid	8015B NM	128162
880-66585-35	C-35	Total/NA	Solid	8015B NM	128162
880-66585-36	C-36	Total/NA	Solid	8015B NM	128162
880-66585-37	C-37	Total/NA	Solid	8015B NM	128162
MB 880-128162/1-A	Method Blank	Total/NA	Solid	8015B NM	128162
LCS 880-128162/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	128162
LCSD 880-128162/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	128162
880-66585-23 MS	C-23	Total/NA	Solid	8015B NM	128162
880-66585-23 MSD	C-23	Total/NA	Solid	8015B NM	128162

Analysis Batch: 128309

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-1	C-1	Total/NA	Solid	8015 NM	
880-66585-2	C-2	Total/NA	Solid	8015 NM	
880-66585-3	C-3	Total/NA	Solid	8015 NM	
880-66585-4	C-4	Total/NA	Solid	8015 NM	
880-66585-5	C-5	Total/NA	Solid	8015 NM	
880-66585-6	C-6	Total/NA	Solid	8015 NM	
880-66585-7	C-7	Total/NA	Solid	8015 NM	
880-66585-8	C-8	Total/NA	Solid	8015 NM	
880-66585-9	C-9	Total/NA	Solid	8015 NM	
880-66585-10	C-10	Total/NA	Solid	8015 NM	
880-66585-11	C-11	Total/NA	Solid	8015 NM	
880-66585-12	C-12	Total/NA	Solid	8015 NM	
880-66585-13	C-13	Total/NA	Solid	8015 NM	
880-66585-14	C-14	Total/NA	Solid	8015 NM	
880-66585-15	C-15	Total/NA	Solid	8015 NM	
880-66585-16	C-16	Total/NA	Solid	8015 NM	
880-66585-17	C-17	Total/NA	Solid	8015 NM	
880-66585-18	C-18	Total/NA	Solid	8015 NM	
880-66585-19	C-19	Total/NA	Solid	8015 NM	
880-66585-20	C-20	Total/NA	Solid	8015 NM	

Eurofins Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-66585-1
SDG: 25-0124-01

GC Semi VOA (Continued)

Analysis Batch: 128309 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-21	C-21	Total/NA	Solid	8015 NM	
880-66585-22	C-22	Total/NA	Solid	8015 NM	
880-66585-23	C-23	Total/NA	Solid	8015 NM	
880-66585-24	C-24	Total/NA	Solid	8015 NM	
880-66585-25	C-25	Total/NA	Solid	8015 NM	
880-66585-26	C-26	Total/NA	Solid	8015 NM	
880-66585-27	C-27	Total/NA	Solid	8015 NM	
880-66585-28	C-28	Total/NA	Solid	8015 NM	
880-66585-29	C-29	Total/NA	Solid	8015 NM	
880-66585-30	C-30	Total/NA	Solid	8015 NM	
880-66585-31	C-31	Total/NA	Solid	8015 NM	
880-66585-32	C-32	Total/NA	Solid	8015 NM	
880-66585-33	C-33	Total/NA	Solid	8015 NM	
880-66585-34	C-34	Total/NA	Solid	8015 NM	
880-66585-35	C-35	Total/NA	Solid	8015 NM	
880-66585-36	C-36	Total/NA	Solid	8015 NM	
880-66585-37	C-37	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 128151

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-1	C-1	Soluble	Solid	DI Leach	
880-66585-2	C-2	Soluble	Solid	DI Leach	
880-66585-3	C-3	Soluble	Solid	DI Leach	
880-66585-4	C-4	Soluble	Solid	DI Leach	
880-66585-5	C-5	Soluble	Solid	DI Leach	
880-66585-6	C-6	Soluble	Solid	DI Leach	
880-66585-7	C-7	Soluble	Solid	DI Leach	
MB 880-128151/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-128151/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-128151/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 128152

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-8	C-8	Soluble	Solid	DI Leach	
880-66585-9	C-9	Soluble	Solid	DI Leach	
880-66585-10	C-10	Soluble	Solid	DI Leach	
880-66585-11	C-11	Soluble	Solid	DI Leach	
880-66585-12	C-12	Soluble	Solid	DI Leach	
880-66585-13	C-13	Soluble	Solid	DI Leach	
880-66585-14	C-14	Soluble	Solid	DI Leach	
880-66585-15	C-15	Soluble	Solid	DI Leach	
880-66585-16	C-16	Soluble	Solid	DI Leach	
880-66585-17	C-17	Soluble	Solid	DI Leach	
880-66585-18	C-18	Soluble	Solid	DI Leach	
880-66585-19	C-19	Soluble	Solid	DI Leach	
880-66585-20	C-20	Soluble	Solid	DI Leach	
880-66585-21	C-21	Soluble	Solid	DI Leach	
880-66585-22	C-22	Soluble	Solid	DI Leach	
880-66585-23	C-23	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

HPLC/IC (Continued)

Leach Batch: 128152 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-24	C-24	Soluble	Solid	DI Leach	
880-66585-25	C-25	Soluble	Solid	DI Leach	
880-66585-26	C-26	Soluble	Solid	DI Leach	
880-66585-27	C-27	Soluble	Solid	DI Leach	
MB 880-128152/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-128152/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-128152/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66585-8 MS	C-8	Soluble	Solid	DI Leach	
880-66585-8 MSD	C-8	Soluble	Solid	DI Leach	
880-66585-18 MS	C-18	Soluble	Solid	DI Leach	
880-66585-18 MSD	C-18	Soluble	Solid	DI Leach	

Leach Batch: 128153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-28	C-28	Soluble	Solid	DI Leach	
880-66585-29	C-29	Soluble	Solid	DI Leach	
880-66585-30	C-30	Soluble	Solid	DI Leach	
880-66585-31	C-31	Soluble	Solid	DI Leach	
880-66585-32	C-32	Soluble	Solid	DI Leach	
880-66585-33	C-33	Soluble	Solid	DI Leach	
880-66585-34	C-34	Soluble	Solid	DI Leach	
880-66585-35	C-35	Soluble	Solid	DI Leach	
880-66585-36	C-36	Soluble	Solid	DI Leach	
880-66585-37	C-37	Soluble	Solid	DI Leach	
MB 880-128153/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-128153/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-128153/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-66585-28 MS	C-28	Soluble	Solid	DI Leach	
880-66585-28 MSD	C-28	Soluble	Solid	DI Leach	

Analysis Batch: 128185

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-1	C-1	Soluble	Solid	300.0	128151
880-66585-2	C-2	Soluble	Solid	300.0	128151
880-66585-3	C-3	Soluble	Solid	300.0	128151
880-66585-4	C-4	Soluble	Solid	300.0	128151
880-66585-5	C-5	Soluble	Solid	300.0	128151
880-66585-6	C-6	Soluble	Solid	300.0	128151
880-66585-7	C-7	Soluble	Solid	300.0	128151
MB 880-128151/1-A	Method Blank	Soluble	Solid	300.0	128151
LCS 880-128151/2-A	Lab Control Sample	Soluble	Solid	300.0	128151
LCSD 880-128151/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	128151

Analysis Batch: 128189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-8	C-8	Soluble	Solid	300.0	128152
880-66585-9	C-9	Soluble	Solid	300.0	128152
880-66585-10	C-10	Soluble	Solid	300.0	128152
880-66585-11	C-11	Soluble	Solid	300.0	128152
880-66585-12	C-12	Soluble	Solid	300.0	128152
880-66585-13	C-13	Soluble	Solid	300.0	128152

Eurofins Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

HPLC/IC (Continued)

Analysis Batch: 128189 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-14	C-14	Soluble	Solid	300.0	128152
880-66585-15	C-15	Soluble	Solid	300.0	128152
880-66585-16	C-16	Soluble	Solid	300.0	128152
880-66585-17	C-17	Soluble	Solid	300.0	128152
880-66585-18	C-18	Soluble	Solid	300.0	128152
880-66585-19	C-19	Soluble	Solid	300.0	128152
880-66585-20	C-20	Soluble	Solid	300.0	128152
880-66585-21	C-21	Soluble	Solid	300.0	128152
880-66585-22	C-22	Soluble	Solid	300.0	128152
880-66585-23	C-23	Soluble	Solid	300.0	128152
880-66585-24	C-24	Soluble	Solid	300.0	128152
880-66585-25	C-25	Soluble	Solid	300.0	128152
880-66585-26	C-26	Soluble	Solid	300.0	128152
880-66585-27	C-27	Soluble	Solid	300.0	128152
MB 880-128152/1-A	Method Blank	Soluble	Solid	300.0	128152
LCS 880-128152/2-A	Lab Control Sample	Soluble	Solid	300.0	128152
LCSD 880-128152/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	128152
880-66585-8 MS	C-8	Soluble	Solid	300.0	128152
880-66585-8 MSD	C-8	Soluble	Solid	300.0	128152
880-66585-18 MS	C-18	Soluble	Solid	300.0	128152
880-66585-18 MSD	C-18	Soluble	Solid	300.0	128152

Analysis Batch: 128198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-66585-28	C-28	Soluble	Solid	300.0	128153
880-66585-29	C-29	Soluble	Solid	300.0	128153
880-66585-30	C-30	Soluble	Solid	300.0	128153
880-66585-31	C-31	Soluble	Solid	300.0	128153
880-66585-32	C-32	Soluble	Solid	300.0	128153
880-66585-33	C-33	Soluble	Solid	300.0	128153
880-66585-34	C-34	Soluble	Solid	300.0	128153
880-66585-35	C-35	Soluble	Solid	300.0	128153
880-66585-36	C-36	Soluble	Solid	300.0	128153
880-66585-37	C-37	Soluble	Solid	300.0	128153
MB 880-128153/1-A	Method Blank	Soluble	Solid	300.0	128153
LCS 880-128153/2-A	Lab Control Sample	Soluble	Solid	300.0	128153
LCSD 880-128153/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	128153
880-66585-28 MS	C-28	Soluble	Solid	300.0	128153
880-66585-28 MSD	C-28	Soluble	Solid	300.0	128153

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-1

Lab Sample ID: 880-66585-1

Date Collected: 01/02/26 09:00

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 15:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 15:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/06/26 03:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	127965	12/31/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128195	01/06/26 03:02	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	128151	01/05/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128185	01/05/26 13:34	CS	EET MID

Client Sample ID: C-2

Lab Sample ID: 880-66585-2

Date Collected: 01/02/26 09:04

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 16:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 16:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/06/26 03:17	SA	EET MID
Total/NA	Prep	8015NM Prep			9.90 g	10.00 mL	127965	12/31/25 08:51	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128195	01/06/26 03:17	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	128151	01/05/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128185	01/05/26 13:39	CS	EET MID

Client Sample ID: C-3

Lab Sample ID: 880-66585-3

Date Collected: 01/02/26 09:07

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 16:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 16:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 01:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 01:33	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	128151	01/05/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128185	01/05/26 13:44	CS	EET MID

Client Sample ID: C-4

Lab Sample ID: 880-66585-4

Date Collected: 01/02/26 09:15

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 16:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 16:58	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-4

Lab Sample ID: 880-66585-4

Date Collected: 01/02/26 09:15

Matrix: Solid

Date Received: 01/02/26 15:35

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			128309	01/07/26 02:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 02:18	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	128151	01/05/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128185	01/05/26 13:50	CS	EET MID

Client Sample ID: C-5

Lab Sample ID: 880-66585-5

Date Collected: 01/02/26 09:22

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 18:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 18:49	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 02:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 02:33	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128151	01/05/26 07:57	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	128185	01/05/26 13:55	CS	EET MID

Client Sample ID: C-6

Lab Sample ID: 880-66585-6

Date Collected: 01/02/26 09:28

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 19:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 19:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 02:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 02:48	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	128151	01/05/26 07:57	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	128185	01/05/26 14:00	CS	EET MID

Client Sample ID: C-7

Lab Sample ID: 880-66585-7

Date Collected: 01/02/26 09:35

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 19:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 19:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 03:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 03:03	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-7

Lab Sample ID: 880-66585-7

Date Collected: 01/02/26 09:35

Matrix: Solid

Date Received: 01/02/26 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	128151	01/05/26 07:57	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128185	01/05/26 14:06	CS	EET MID

Client Sample ID: C-8

Lab Sample ID: 880-66585-8

Date Collected: 01/02/26 09:42

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 19:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 19:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 03:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 03:18	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 12:14	CS	EET MID

Client Sample ID: C-9

Lab Sample ID: 880-66585-9

Date Collected: 01/02/26 09:49

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 20:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 20:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 03:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 03:33	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 12:28	CS	EET MID

Client Sample ID: C-10

Lab Sample ID: 880-66585-10

Date Collected: 01/02/26 09:56

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 20:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 20:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 03:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 03:48	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 12:33	CS	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-11

Lab Sample ID: 880-66585-11

Date Collected: 01/02/26 10:06

Matrix: Solid

Date Received: 01/02/26 15:35

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	128188	01/05/26 11:32	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128155	01/05/26 20:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 20:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 04:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 04:03	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 12:38	CS	EET MID

Client Sample ID: C-12

Lab Sample ID: 880-66585-12

Date Collected: 01/02/26 10:09

Matrix: Solid

Date Received: 01/02/26 15:35

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	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 17:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 17:07	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 04:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 04:18	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 12:43	CS	EET MID

Client Sample ID: C-13

Lab Sample ID: 880-66585-13

Date Collected: 01/02/26 10:17

Matrix: Solid

Date Received: 01/02/26 15:35

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	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 17:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 17:28	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 04:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 04:47	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 12:58	CS	EET MID

Client Sample ID: C-14

Lab Sample ID: 880-66585-14

Date Collected: 01/02/26 10:24

Matrix: Solid

Date Received: 01/02/26 15:35

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	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 17:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 17:48	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-14

Lab Sample ID: 880-66585-14

Date Collected: 01/02/26 10:24

Matrix: Solid

Date Received: 01/02/26 15:35

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			128309	01/07/26 05:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 05:03	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 13:03	CS	EET MID

Client Sample ID: C-15

Lab Sample ID: 880-66585-15

Date Collected: 01/02/26 10:31

Matrix: Solid

Date Received: 01/02/26 15:35

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	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 18:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 18:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 05:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 05:17	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 13:08	CS	EET MID

Client Sample ID: C-16

Lab Sample ID: 880-66585-16

Date Collected: 01/02/26 10:37

Matrix: Solid

Date Received: 01/02/26 15:35

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	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 18:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 18:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 05:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 05:32	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 13:13	CS	EET MID

Client Sample ID: C-17

Lab Sample ID: 880-66585-17

Date Collected: 01/02/26 10:42

Matrix: Solid

Date Received: 01/02/26 15:35

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	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 18:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 18:50	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 05:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 05:48	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-17

Lab Sample ID: 880-66585-17

Date Collected: 01/02/26 10:42

Matrix: Solid

Date Received: 01/02/26 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.01 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 13:18	CS	EET MID

Client Sample ID: C-18

Lab Sample ID: 880-66585-18

Date Collected: 01/02/26 10:54

Matrix: Solid

Date Received: 01/02/26 15:35

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	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 19:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 19:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 06:02	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 06:02	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	128189	01/05/26 13:23	CS	EET MID

Client Sample ID: C-19

Lab Sample ID: 880-66585-19

Date Collected: 01/02/26 11:01

Matrix: Solid

Date Received: 01/02/26 15:35

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	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 19:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 19:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 06:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 06:17	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	128189	01/05/26 13:37	CS	EET MID

Client Sample ID: C-20

Lab Sample ID: 880-66585-20

Date Collected: 01/02/26 11:04

Matrix: Solid

Date Received: 01/02/26 15:35

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	128240	01/06/26 09:15	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128235	01/06/26 19:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 19:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 06:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 06:32	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	128189	01/05/26 13:42	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-21

Lab Sample ID: 880-66585-21

Date Collected: 01/02/26 11:09

Matrix: Solid

Date Received: 01/02/26 15:35

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	128173	01/05/26 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128159	01/05/26 13:36	SA	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 13:36	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 06:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 06:48	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	128189	01/05/26 13:57	CS	EET MID

Client Sample ID: C-22

Lab Sample ID: 880-66585-22

Date Collected: 01/02/26 11:15

Matrix: Solid

Date Received: 01/02/26 15:35

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	128173	01/05/26 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128159	01/05/26 13:56	SA	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 13:56	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 07:02	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	128160	01/05/26 09:00	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128257	01/07/26 07:02	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 14:02	CS	EET MID

Client Sample ID: C-23

Lab Sample ID: 880-66585-23

Date Collected: 01/02/26 11:20

Matrix: Solid

Date Received: 01/02/26 15:35

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	128173	01/05/26 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128159	01/05/26 14:17	SA	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 14:17	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 01:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 01:33	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 14:07	CS	EET MID

Client Sample ID: C-24

Lab Sample ID: 880-66585-24

Date Collected: 01/02/26 11:23

Matrix: Solid

Date Received: 01/02/26 15:35

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	128173	01/05/26 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128159	01/05/26 14:37	SA	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 14:37	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-24

Lab Sample ID: 880-66585-24

Date Collected: 01/02/26 11:23

Matrix: Solid

Date Received: 01/02/26 15:35

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			128309	01/07/26 02:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 02:18	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 14:12	CS	EET MID

Client Sample ID: C-25

Lab Sample ID: 880-66585-25

Date Collected: 01/02/26 11:29

Matrix: Solid

Date Received: 01/02/26 15:35

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	128173	01/05/26 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128159	01/05/26 14:57	SA	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 14:57	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 02:33	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 02:33	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 14:17	CS	EET MID

Client Sample ID: C-26

Lab Sample ID: 880-66585-26

Date Collected: 01/02/26 11:32

Matrix: Solid

Date Received: 01/02/26 15:35

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	128173	01/05/26 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128159	01/05/26 15:18	SA	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 15:18	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 02:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 02:48	FC	EET MID
Soluble	Leach	DI Leach			5.0 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128189	01/05/26 14:22	CS	EET MID

Client Sample ID: C-27

Lab Sample ID: 880-66585-27

Date Collected: 01/02/26 11:35

Matrix: Solid

Date Received: 01/02/26 15:35

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	128173	01/05/26 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128159	01/05/26 15:38	SA	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 15:38	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 03:03	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 03:03	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-27

Lab Sample ID: 880-66585-27

Date Collected: 01/02/26 11:35

Matrix: Solid

Date Received: 01/02/26 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.00 g	50 mL	128152	01/05/26 08:00	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	128189	01/05/26 14:27	CS	EET MID

Client Sample ID: C-28

Lab Sample ID: 880-66585-28

Date Collected: 01/02/26 11:39

Matrix: Solid

Date Received: 01/02/26 15:35

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	128173	01/05/26 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128159	01/05/26 17:22	SA	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 17:22	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 03:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 03:18	FC	EET MID
Soluble	Leach	DI Leach			5.00 g	50 mL	128153	01/05/26 08:02	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	128198	01/05/26 14:43	CS	EET MID

Client Sample ID: C-29

Lab Sample ID: 880-66585-29

Date Collected: 01/02/26 11:42

Matrix: Solid

Date Received: 01/02/26 15:35

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	128173	01/05/26 10:08	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128159	01/05/26 17:42	SA	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/05/26 17:42	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 03:33	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 03:33	FC	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	128153	01/05/26 08:02	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	128198	01/05/26 15:04	CS	EET MID

Client Sample ID: C-30

Lab Sample ID: 880-66585-30

Date Collected: 01/02/26 11:50

Matrix: Solid

Date Received: 01/02/26 15:35

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	128840	01/13/26 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128828	01/13/26 17:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/13/26 17:05	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 03:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 03:48	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	128153	01/05/26 08:02	SA	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	128198	01/05/26 15:11	CS	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-31

Lab Sample ID: 880-66585-31

Date Collected: 01/02/26 11:54

Matrix: Solid

Date Received: 01/02/26 15:35

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	128840	01/13/26 08:50	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128828	01/13/26 17:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/13/26 17:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 04:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 04:03	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	128153	01/05/26 08:02	SA	EET MID
Soluble	Analysis	300.0		10	50 mL	50 mL	128198	01/05/26 15:18	CS	EET MID

Client Sample ID: C-32

Lab Sample ID: 880-66585-32

Date Collected: 01/02/26 12:03

Matrix: Solid

Date Received: 01/02/26 15:35

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	128232	01/06/26 08:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128236	01/06/26 15:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 15:06	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 04:18	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 04:18	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	128153	01/05/26 08:02	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	128198	01/05/26 15:25	CS	EET MID

Client Sample ID: C-33

Lab Sample ID: 880-66585-33

Date Collected: 01/02/26 12:05

Matrix: Solid

Date Received: 01/02/26 15:35

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	128232	01/06/26 08:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128236	01/06/26 16:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 16:40	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 04:47	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 04:47	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	128153	01/05/26 08:02	SA	EET MID
Soluble	Analysis	300.0		20	50 mL	50 mL	128198	01/05/26 15:46	CS	EET MID

Client Sample ID: C-34

Lab Sample ID: 880-66585-34

Date Collected: 01/02/26 12:08

Matrix: Solid

Date Received: 01/02/26 15:35

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	128232	01/06/26 08:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128236	01/06/26 17:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 17:00	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-34

Lab Sample ID: 880-66585-34

Date Collected: 01/02/26 12:08

Matrix: Solid

Date Received: 01/02/26 15:35

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			128309	01/07/26 05:03	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 05:03	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	128153	01/05/26 08:02	SA	EET MID
Soluble	Analysis	300.0		50	50 mL	50 mL	128198	01/05/26 15:53	CS	EET MID

Client Sample ID: C-35

Lab Sample ID: 880-66585-35

Date Collected: 01/02/26 12:15

Matrix: Solid

Date Received: 01/02/26 15:35

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	128232	01/06/26 08:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128236	01/06/26 17:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 17:21	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 05:17	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 05:17	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	128153	01/05/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128198	01/05/26 16:00	CS	EET MID

Client Sample ID: C-36

Lab Sample ID: 880-66585-36

Date Collected: 01/02/26 12:20

Matrix: Solid

Date Received: 01/02/26 15:35

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	128232	01/06/26 08:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128236	01/06/26 17:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 17:41	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 05:32	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 05:32	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	128153	01/05/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128198	01/05/26 16:07	CS	EET MID

Client Sample ID: C-37

Lab Sample ID: 880-66585-37

Date Collected: 01/02/26 12:23

Matrix: Solid

Date Received: 01/02/26 15:35

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	128232	01/06/26 08:36	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	128236	01/06/26 18:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			128221	01/06/26 18:01	SA	EET MID
Total/NA	Analysis	8015 NM		1			128309	01/07/26 05:48	SA	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	128162	01/05/26 09:04	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	128258	01/07/26 05:48	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Client Sample ID: C-37

Lab Sample ID: 880-66585-37

Date Collected: 01/02/26 12:23

Matrix: Solid

Date Received: 01/02/26 15:35

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.03 g	50 mL	128153	01/05/26 08:02	SA	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	128198	01/05/26 16:15	CS	EET MID

Laboratory References:

EET MID = Eurofins 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: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

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	06-30-26

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

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- 2
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Method Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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:

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



Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-66585-1
SDG: 25-0124-01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
880-66585-1	C-1	Solid	01/02/26 09:00	01/02/26 15:35	1'
880-66585-2	C-2	Solid	01/02/26 09:04	01/02/26 15:35	1'
880-66585-3	C-3	Solid	01/02/26 09:07	01/02/26 15:35	1'
880-66585-4	C-4	Solid	01/02/26 09:15	01/02/26 15:35	1'
880-66585-5	C-5	Solid	01/02/26 09:22	01/02/26 15:35	1'
880-66585-6	C-6	Solid	01/02/26 09:28	01/02/26 15:35	1'
880-66585-7	C-7	Solid	01/02/26 09:35	01/02/26 15:35	1'
880-66585-8	C-8	Solid	01/02/26 09:42	01/02/26 15:35	1'
880-66585-9	C-9	Solid	01/02/26 09:49	01/02/26 15:35	1'
880-66585-10	C-10	Solid	01/02/26 09:56	01/02/26 15:35	1'
880-66585-11	C-11	Solid	01/02/26 10:06	01/02/26 15:35	1'
880-66585-12	C-12	Solid	01/02/26 10:09	01/02/26 15:35	1'
880-66585-13	C-13	Solid	01/02/26 10:17	01/02/26 15:35	1'
880-66585-14	C-14	Solid	01/02/26 10:24	01/02/26 15:35	1'
880-66585-15	C-15	Solid	01/02/26 10:31	01/02/26 15:35	1'
880-66585-16	C-16	Solid	01/02/26 10:37	01/02/26 15:35	1'
880-66585-17	C-17	Solid	01/02/26 10:42	01/02/26 15:35	1'
880-66585-18	C-18	Solid	01/02/26 10:54	01/02/26 15:35	1'
880-66585-19	C-19	Solid	01/02/26 11:01	01/02/26 15:35	1'
880-66585-20	C-20	Solid	01/02/26 11:04	01/02/26 15:35	1'
880-66585-21	C-21	Solid	01/02/26 11:09	01/02/26 15:35	1'
880-66585-22	C-22	Solid	01/02/26 11:15	01/02/26 15:35	1'
880-66585-23	C-23	Solid	01/02/26 11:20	01/02/26 15:35	1'
880-66585-24	C-24	Solid	01/02/26 11:23	01/02/26 15:35	1'
880-66585-25	C-25	Solid	01/02/26 11:29	01/02/26 15:35	1'
880-66585-26	C-26	Solid	01/02/26 11:32	01/02/26 15:35	1'
880-66585-27	C-27	Solid	01/02/26 11:35	01/02/26 15:35	1'
880-66585-28	C-28	Solid	01/02/26 11:39	01/02/26 15:35	1'
880-66585-29	C-29	Solid	01/02/26 11:42	01/02/26 15:35	1'
880-66585-30	C-30	Solid	01/02/26 11:50	01/02/26 15:35	1'
880-66585-31	C-31	Solid	01/02/26 11:54	01/02/26 15:35	1'
880-66585-32	C-32	Solid	01/02/26 12:03	01/02/26 15:35	1'
880-66585-33	C-33	Solid	01/02/26 12:05	01/02/26 15:35	1'
880-66585-34	C-34	Solid	01/02/26 12:08	01/02/26 15:35	1'
880-66585-35	C-35	Solid	01/02/26 12:15	01/02/26 15:35	0-1'
880-66585-36	C-36	Solid	01/02/26 12:20	01/02/26 15:35	0-1'
880-66585-37	C-37	Solid	01/02/26 12:23	01/02/26 15:35	0-1'

No. 3638

CHAIN-OF-CUSTODY

DATE: 1/2/2024 PAGE 1 OF 3

LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Baley A #1

LAI PROJECT #: 25-012Y-01 COLLECTOR: D.S.G

507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901



Data Reported to:

TRRP report? Yes No

TIME ZONE: Time zone/State: MDT / N.M.

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION

HCl HNO3 H2SO4 NaOH UNPRESERVED ICE

of Containers

Matrix

Time

Date

Lab #

Field Sample I.D.

FIELD NOTES

Table with columns for Field Sample I.D., Lab #, Date, Time, Matrix, # of Containers, and various analytical tests (e.g., BTEX, PCBs, Metals, Pesticides, VOCs, SVOCs, etc.).



LABORATORY USE ONLY: RECEIVING TEMP: 11.0 THERM#: 128(-0.1) CUSTODY SEALS - BROKEN INTACT NOT USED

TURN AROUND TIME: NORMAL 1 DAY 2 DAY OTHER

RECEIVED BY: (Signature) DATE/TIME: 1/2/24 1535

RECEIVED BY: (Signature) DATE/TIME: 1/2/24 1535

RECEIVED BY: (Signature) DATE/TIME: RECEIVED BY: (Signature) DATE/TIME: RECEIVED BY: (Signature) DATE/TIME:

LABORATORY: Eurofins



Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-66585-1

SDG Number: 25-0124-01

Login Number: 66585

List Number: 1

Creator: Dyal, Erica

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brenda Balbino
 Larson & Associates, Inc.
 507 N Marienfeld
 Suite 202
 Midland, Texas 79701

Generated 1/31/2026 3:38:18 PM

JOB DESCRIPTION

Raley A #1
 25-0124-01

JOB NUMBER

880-67434-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
1/31/2026 3:38:18 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Laboratory Job ID: 880-67434-1
SDG: 25-0124-01

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

Qualifiers

GC VOA

Qualifier	Qualifier Description
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
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: Raley A #1

Job ID: 880-67434-1

Job ID: 880-67434-1

Eurofins Midland

Job Narrative 880-67434-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 1/23/2026 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 -0.3°C.

GC VOA

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

Diesel Range Organics

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-34 4.1' (880-67434-2). 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.

Eurofins Midland



Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67434-1
SDG: 25-0124-01

Client Sample ID: C-33 4.1'

Lab Sample ID: 880-67434-1

Date Collected: 01/21/26 09:00

Matrix: Solid

Date Received: 01/23/26 15:18

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/26/26 12:34	01/29/26 19:25	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/26/26 12:34	01/29/26 19:25	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/26/26 12:34	01/29/26 19:25	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		01/26/26 12:34	01/29/26 19:25	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/26/26 12:34	01/29/26 19:25	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/26/26 12:34	01/29/26 19:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	01/26/26 12:34	01/29/26 19:25	1
1,4-Difluorobenzene (Surr)	92		70 - 130	01/26/26 12:34	01/29/26 19:25	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/29/26 19:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			01/31/26 02:34	1

Method: SW846 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		01/23/26 16:16	01/31/26 02:34	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		01/23/26 16:16	01/31/26 02:34	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/23/26 16:16	01/31/26 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	01/23/26 16:16	01/31/26 02:34	1
o-Terphenyl (Surr)	94		70 - 130	01/23/26 16:16	01/31/26 02:34	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1520		50.2	mg/Kg			01/27/26 21:50	5

Client Sample ID: C-34 4.1'

Lab Sample ID: 880-67434-2

Date Collected: 01/21/26 09:04

Matrix: Solid

Date Received: 01/23/26 15:18

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/26 12:34	01/29/26 19:45	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/26/26 12:34	01/29/26 19:45	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/26/26 12:34	01/29/26 19:45	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		01/26/26 12:34	01/29/26 19:45	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/26/26 12:34	01/29/26 19:45	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		01/26/26 12:34	01/29/26 19:45	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	01/26/26 12:34	01/29/26 19:45	1
1,4-Difluorobenzene (Surr)	94		70 - 130	01/26/26 12:34	01/29/26 19:45	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

Client Sample ID: C-34 4.1'

Lab Sample ID: 880-67434-2

Date Collected: 01/21/26 09:04

Matrix: Solid

Date Received: 01/23/26 15:18

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			01/29/26 19:45	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			01/31/26 02:48	1

Method: SW846 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		01/23/26 16:16	01/31/26 02:48	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		01/23/26 16:16	01/31/26 02:48	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/23/26 16:16	01/31/26 02:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	181	S1+	70 - 130	01/23/26 16:16	01/31/26 02:48	1
o-Terphenyl (Surr)	173	S1+	70 - 130	01/23/26 16:16	01/31/26 02:48	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1670		50.3	mg/Kg			01/27/26 21:55	5

Client Sample ID: C-24 2'

Lab Sample ID: 880-67434-3

Date Collected: 01/21/26 13:36

Matrix: Solid

Date Received: 01/23/26 15:18

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		01/26/26 12:34	01/29/26 20:06	1
Toluene	<0.00201	U	0.00201	mg/Kg		01/26/26 12:34	01/29/26 20:06	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		01/26/26 12:34	01/29/26 20:06	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		01/26/26 12:34	01/29/26 20:06	1
o-Xylene	0.00288		0.00201	mg/Kg		01/26/26 12:34	01/29/26 20:06	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		01/26/26 12:34	01/29/26 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	01/26/26 12:34	01/29/26 20:06	1
1,4-Difluorobenzene (Surr)	93		70 - 130	01/26/26 12:34	01/29/26 20:06	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			01/29/26 20:06	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			01/31/26 03:03	1

Method: SW846 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		01/23/26 16:16	01/31/26 03:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/23/26 16:16	01/31/26 03:03	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

Client Sample ID: C-24 2'

Lab Sample ID: 880-67434-3

Date Collected: 01/21/26 13:36

Matrix: Solid

Date Received: 01/23/26 15:18

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/23/26 16:16	01/31/26 03:03	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130			01/23/26 16:16	01/31/26 03:03	1
o-Terphenyl (Surr)	98		70 - 130			01/23/26 16:16	01/31/26 03:03	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		10.1	mg/Kg			01/27/26 22:00	1

Client Sample ID: C-20 2'

Lab Sample ID: 880-67434-4

Date Collected: 01/22/26 10:34

Matrix: Solid

Date Received: 01/23/26 15:18

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		01/30/26 08:19	01/30/26 17:08	1
Toluene	<0.00199	U	0.00199	mg/Kg		01/30/26 08:19	01/30/26 17:08	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		01/30/26 08:19	01/30/26 17:08	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		01/30/26 08:19	01/30/26 17:08	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		01/30/26 08:19	01/30/26 17:08	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		01/30/26 08:19	01/30/26 17:08	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130			01/30/26 08:19	01/30/26 17:08	1
1,4-Difluorobenzene (Surr)	122		70 - 130			01/30/26 08:19	01/30/26 17:08	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			01/30/26 17:08	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.2	U	50.2	mg/Kg			01/31/26 03:19	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2	mg/Kg		01/23/26 16:16	01/31/26 03:19	1
Diesel Range Organics (Over C10-C28)	<50.2	U	50.2	mg/Kg		01/23/26 16:16	01/31/26 03:19	1
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		01/23/26 16:16	01/31/26 03:19	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130			01/23/26 16:16	01/31/26 03:19	1
o-Terphenyl (Surr)	109		70 - 130			01/23/26 16:16	01/31/26 03:19	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	102		9.96	mg/Kg			01/27/26 22:05	1

Client Sample Results

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-67434-1
 SDG: 25-0124-01

Client Sample ID: C-21 2'

Lab Sample ID: 880-67434-5

Date Collected: 01/22/26 10:37

Matrix: Solid

Date Received: 01/23/26 15:18

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		01/30/26 08:19	01/30/26 17:29	1
Toluene	<0.00198	U	0.00198	mg/Kg		01/30/26 08:19	01/30/26 17:29	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		01/30/26 08:19	01/30/26 17:29	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		01/30/26 08:19	01/30/26 17:29	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		01/30/26 08:19	01/30/26 17:29	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		01/30/26 08:19	01/30/26 17:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	01/30/26 08:19	01/30/26 17:29	1
1,4-Difluorobenzene (Surr)	118		70 - 130	01/30/26 08:19	01/30/26 17:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			01/30/26 17:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			01/31/26 03:33	1

Method: SW846 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		01/23/26 16:16	01/31/26 03:33	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		01/23/26 16:16	01/31/26 03:33	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		01/23/26 16:16	01/31/26 03:33	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130	01/23/26 16:16	01/31/26 03:33	1
o-Terphenyl (Surr)	98		70 - 130	01/23/26 16:16	01/31/26 03:33	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	27.9		9.92	mg/Kg			01/27/26 22:20	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

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)
880-67434-1	C-33 4.1'	108	92
880-67434-2	C-34 4.1'	107	94
880-67434-3	C-24 2'	105	93
880-67434-4	C-20 2'	110	122
880-67434-5	C-21 2'	102	118
LCS 880-129913/1-A	Lab Control Sample	105	94
LCS 880-130332/1-A	Lab Control Sample	100	116
LCSD 880-129913/2-A	Lab Control Sample Dup	100	96
LCSD 880-130332/2-A	Lab Control Sample Dup	100	109
MB 880-129913/5-A	Method Blank	103	90
MB 880-130332/5-A	Method Blank	101	114

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)
880-67434-1	C-33 4.1'	93	94
880-67434-2	C-34 4.1'	181 S1+	173 S1+
880-67434-3	C-24 2'	98	98
880-67434-4	C-20 2'	106	109
880-67434-5	C-21 2'	94	98
LCS 880-129869/2-A	Lab Control Sample	91	94
LCSD 880-129869/3-A	Lab Control Sample Dup	91	93
MB 880-129869/1-A	Method Blank	89	86

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-129913/5-A
Matrix: Solid
Analysis Batch: 130205

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129913

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/26/26 12:34	01/29/26 13:24	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/26/26 12:34	01/29/26 13:24	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/26/26 12:34	01/29/26 13:24	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/26/26 12:34	01/29/26 13:24	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/26/26 12:34	01/29/26 13:24	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/26/26 12:34	01/29/26 13:24	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	01/26/26 12:34	01/29/26 13:24	1
1,4-Difluorobenzene (Surr)	90		70 - 130	01/26/26 12:34	01/29/26 13:24	1

Lab Sample ID: LCS 880-129913/1-A
Matrix: Solid
Analysis Batch: 130205

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129913

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09185		mg/Kg		92	70 - 130
Toluene	0.100	0.1010		mg/Kg		101	70 - 130
Ethylbenzene	0.100	0.09997		mg/Kg		100	70 - 130
m,p-Xylenes	0.200	0.2264		mg/Kg		113	70 - 130
o-Xylene	0.100	0.1108		mg/Kg		111	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-129913/2-A
Matrix: Solid
Analysis Batch: 130205

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129913

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.09530		mg/Kg		95	70 - 130	4	35
Toluene	0.100	0.09630		mg/Kg		96	70 - 130	5	35
Ethylbenzene	0.100	0.09296		mg/Kg		93	70 - 130	7	35
m,p-Xylenes	0.200	0.2061		mg/Kg		103	70 - 130	9	35
o-Xylene	0.100	0.09897		mg/Kg		99	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-130332/5-A
Matrix: Solid
Analysis Batch: 130326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130332

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		01/30/26 08:19	01/30/26 10:55	1
Toluene	<0.00200	U	0.00200	mg/Kg		01/30/26 08:19	01/30/26 10:55	1

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

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

Lab Sample ID: MB 880-130332/5-A
Matrix: Solid
Analysis Batch: 130326

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130332

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		01/30/26 08:19	01/30/26 10:55	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		01/30/26 08:19	01/30/26 10:55	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		01/30/26 08:19	01/30/26 10:55	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		01/30/26 08:19	01/30/26 10:55	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	01/30/26 08:19	01/30/26 10:55	1
1,4-Difluorobenzene (Surr)	114		70 - 130	01/30/26 08:19	01/30/26 10:55	1

Lab Sample ID: LCS 880-130332/1-A
Matrix: Solid
Analysis Batch: 130326

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130332

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09280		mg/Kg		93	70 - 130
Toluene	0.100	0.08440		mg/Kg		84	70 - 130
Ethylbenzene	0.100	0.09257		mg/Kg		93	70 - 130
m,p-Xylenes	0.200	0.1797		mg/Kg		90	70 - 130
o-Xylene	0.100	0.08390		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	116		70 - 130

Lab Sample ID: LCSD 880-130332/2-A
Matrix: Solid
Analysis Batch: 130326

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130332

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.08869		mg/Kg		89	70 - 130	5	35
Toluene	0.100	0.08116		mg/Kg		81	70 - 130	4	35
Ethylbenzene	0.100	0.08848		mg/Kg		88	70 - 130	5	35
m,p-Xylenes	0.200	0.1732		mg/Kg		87	70 - 130	4	35
o-Xylene	0.100	0.08163		mg/Kg		82	70 - 130	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	100		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

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

Lab Sample ID: MB 880-129869/1-A
Matrix: Solid
Analysis Batch: 130355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129869

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		01/23/26 16:16	01/31/26 00:04	1

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

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

Lab Sample ID: MB 880-129869/1-A
Matrix: Solid
Analysis Batch: 130355

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 129869

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		01/23/26 16:16	01/31/26 00:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		01/23/26 16:16	01/31/26 00:04	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane (Surr)	89		70 - 130	01/23/26 16:16	01/31/26 00:04	1
o-Terphenyl (Surr)	86		70 - 130	01/23/26 16:16	01/31/26 00:04	1

Lab Sample ID: LCS 880-129869/2-A
Matrix: Solid
Analysis Batch: 130355

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 129869

Analyte	Spike Added	LCS	LCS	Unit	D	%Rec	Limits
		Result	Qualifier				
Gasoline Range Organics (GRO)-C6-C10	1000	879.0		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1013		mg/Kg		101	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-129869/3-A
Matrix: Solid
Analysis Batch: 130355

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 129869

Analyte	Spike Added	LCSD	LCSD	Unit	D	%Rec	Limits	RPD	RPD Limit
		Result	Qualifier						
Gasoline Range Organics (GRO)-C6-C10	1000	884.7		mg/Kg		88	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1012		mg/Kg		101	70 - 130	0	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-129994/1-A
Matrix: Solid
Analysis Batch: 130004

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB	RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Chloride	<10.0	U	10.0	mg/Kg			01/27/26 21:20	1

QC Sample Results

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-67434-1
 SDG: 25-0124-01

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-129994/2-A
 Matrix: Solid
 Analysis Batch: 130004

Client Sample ID: Lab Control Sample
 Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	240.2		mg/Kg		96	90 - 110

Lab Sample ID: LCSD 880-129994/3-A
 Matrix: Solid
 Analysis Batch: 130004

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	239.7		mg/Kg		96	90 - 110	0	20

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QC Association Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-67434-1
 SDG: 25-0124-01

GC VOA

Prep Batch: 129913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67434-1	C-33 4.1'	Total/NA	Solid	5035	
880-67434-2	C-34 4.1'	Total/NA	Solid	5035	
880-67434-3	C-24 2'	Total/NA	Solid	5035	
MB 880-129913/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-129913/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-129913/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 130205

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67434-1	C-33 4.1'	Total/NA	Solid	8021B	129913
880-67434-2	C-34 4.1'	Total/NA	Solid	8021B	129913
880-67434-3	C-24 2'	Total/NA	Solid	8021B	129913
MB 880-129913/5-A	Method Blank	Total/NA	Solid	8021B	129913
LCS 880-129913/1-A	Lab Control Sample	Total/NA	Solid	8021B	129913
LCSD 880-129913/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	129913

Analysis Batch: 130326

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67434-4	C-20 2'	Total/NA	Solid	8021B	130332
880-67434-5	C-21 2'	Total/NA	Solid	8021B	130332
MB 880-130332/5-A	Method Blank	Total/NA	Solid	8021B	130332
LCS 880-130332/1-A	Lab Control Sample	Total/NA	Solid	8021B	130332
LCSD 880-130332/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130332

Prep Batch: 130332

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67434-4	C-20 2'	Total/NA	Solid	5035	
880-67434-5	C-21 2'	Total/NA	Solid	5035	
MB 880-130332/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130332/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130332/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 130392

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67434-1	C-33 4.1'	Total/NA	Solid	Total BTEX	
880-67434-2	C-34 4.1'	Total/NA	Solid	Total BTEX	
880-67434-3	C-24 2'	Total/NA	Solid	Total BTEX	
880-67434-4	C-20 2'	Total/NA	Solid	Total BTEX	
880-67434-5	C-21 2'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 129869

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67434-1	C-33 4.1'	Total/NA	Solid	8015NM Prep	
880-67434-2	C-34 4.1'	Total/NA	Solid	8015NM Prep	
880-67434-3	C-24 2'	Total/NA	Solid	8015NM Prep	
880-67434-4	C-20 2'	Total/NA	Solid	8015NM Prep	
880-67434-5	C-21 2'	Total/NA	Solid	8015NM Prep	
MB 880-129869/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-129869/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-67434-1
 SDG: 25-0124-01

GC Semi VOA (Continued)

Prep Batch: 129869 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-129869/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 130355

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67434-1	C-33 4.1'	Total/NA	Solid	8015B NM	129869
880-67434-2	C-34 4.1'	Total/NA	Solid	8015B NM	129869
880-67434-3	C-24 2'	Total/NA	Solid	8015B NM	129869
880-67434-4	C-20 2'	Total/NA	Solid	8015B NM	129869
880-67434-5	C-21 2'	Total/NA	Solid	8015B NM	129869
MB 880-129869/1-A	Method Blank	Total/NA	Solid	8015B NM	129869
LCS 880-129869/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	129869
LCSD 880-129869/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	129869

Analysis Batch: 130463

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67434-1	C-33 4.1'	Total/NA	Solid	8015 NM	
880-67434-2	C-34 4.1'	Total/NA	Solid	8015 NM	
880-67434-3	C-24 2'	Total/NA	Solid	8015 NM	
880-67434-4	C-20 2'	Total/NA	Solid	8015 NM	
880-67434-5	C-21 2'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 129994

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67434-1	C-33 4.1'	Soluble	Solid	DI Leach	
880-67434-2	C-34 4.1'	Soluble	Solid	DI Leach	
880-67434-3	C-24 2'	Soluble	Solid	DI Leach	
880-67434-4	C-20 2'	Soluble	Solid	DI Leach	
880-67434-5	C-21 2'	Soluble	Solid	DI Leach	
MB 880-129994/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-129994/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-129994/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 130004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67434-1	C-33 4.1'	Soluble	Solid	300.0	129994
880-67434-2	C-34 4.1'	Soluble	Solid	300.0	129994
880-67434-3	C-24 2'	Soluble	Solid	300.0	129994
880-67434-4	C-20 2'	Soluble	Solid	300.0	129994
880-67434-5	C-21 2'	Soluble	Solid	300.0	129994
MB 880-129994/1-A	Method Blank	Soluble	Solid	300.0	129994
LCS 880-129994/2-A	Lab Control Sample	Soluble	Solid	300.0	129994
LCSD 880-129994/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	129994

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

Client Sample ID: C-33 4.1'

Lab Sample ID: 880-67434-1

Date Collected: 01/21/26 09:00

Matrix: Solid

Date Received: 01/23/26 15:18

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	129913	01/26/26 12:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130205	01/29/26 19:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130392	01/29/26 19:25	AJ	EET MID
Total/NA	Analysis	8015 NM		1			130463	01/31/26 02:34	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	129869	01/23/26 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130355	01/31/26 02:34	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	129994	01/27/26 11:30	SA	EET MID
Soluble	Analysis	300.0		5			130004	01/27/26 21:50	CS	EET MID

Client Sample ID: C-34 4.1'

Lab Sample ID: 880-67434-2

Date Collected: 01/21/26 09:04

Matrix: Solid

Date Received: 01/23/26 15:18

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	129913	01/26/26 12:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130205	01/29/26 19:45	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130392	01/29/26 19:45	AJ	EET MID
Total/NA	Analysis	8015 NM		1			130463	01/31/26 02:48	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129869	01/23/26 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130355	01/31/26 02:48	FC	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	129994	01/27/26 11:30	SA	EET MID
Soluble	Analysis	300.0		5			130004	01/27/26 21:55	CS	EET MID

Client Sample ID: C-24 2'

Lab Sample ID: 880-67434-3

Date Collected: 01/21/26 13:36

Matrix: Solid

Date Received: 01/23/26 15:18

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	129913	01/26/26 12:34	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130205	01/29/26 20:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130392	01/29/26 20:06	AJ	EET MID
Total/NA	Analysis	8015 NM		1			130463	01/31/26 03:03	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	129869	01/23/26 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130355	01/31/26 03:03	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	129994	01/27/26 11:30	SA	EET MID
Soluble	Analysis	300.0		1			130004	01/27/26 22:00	CS	EET MID

Client Sample ID: C-20 2'

Lab Sample ID: 880-67434-4

Date Collected: 01/22/26 10:34

Matrix: Solid

Date Received: 01/23/26 15:18

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	130332	01/30/26 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130326	01/30/26 17:08	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130392	01/30/26 17:08	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

Client Sample ID: C-20 2'

Lab Sample ID: 880-67434-4

Date Collected: 01/22/26 10:34

Matrix: Solid

Date Received: 01/23/26 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			130463	01/31/26 03:19	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	129869	01/23/26 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130355	01/31/26 03:19	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	129994	01/27/26 11:30	SA	EET MID
Soluble	Analysis	300.0		1			130004	01/27/26 22:05	CS	EET MID

Client Sample ID: C-21 2'

Lab Sample ID: 880-67434-5

Date Collected: 01/22/26 10:37

Matrix: Solid

Date Received: 01/23/26 15:18

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	130332	01/30/26 08:19	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	130326	01/30/26 17:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			130392	01/30/26 17:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			130463	01/31/26 03:33	AJ	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	129869	01/23/26 16:16	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	130355	01/31/26 03:33	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	129994	01/27/26 11:30	SA	EET MID
Soluble	Analysis	300.0		1			130004	01/27/26 22:20	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

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	06-30-26

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

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Method Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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:

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



Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67434-1
SDG: 25-0124-01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67434-1	C-33 4.1'	Solid	01/21/26 09:00	01/23/26 15:18	New Mexico
880-67434-2	C-34 4.1'	Solid	01/21/26 09:04	01/23/26 15:18	New Mexico
880-67434-3	C-24 2'	Solid	01/21/26 13:36	01/23/26 15:18	New Mexico
880-67434-4	C-20 2'	Solid	01/22/26 10:34	01/23/26 15:18	New Mexico
880-67434-5	C-21 2'	Solid	01/22/26 10:37	01/23/26 15:18	New Mexico

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Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-67434-1

SDG Number: 25-0124-01

Login Number: 67434

List Number: 1

Creator: Dyal, Erica

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	

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Brenda Balbino
 Larson & Associates, Inc.
 507 N Marienfeld
 Suite 202
 Midland, Texas 79701

Generated 3/5/2026 9:40:15 AM Revision 1

JOB DESCRIPTION

Raley A #1
 25-0124-01

JOB NUMBER

880-67646-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



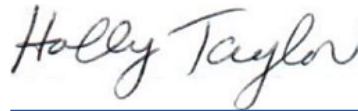
Eurofins Midland

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Revision 1

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Laboratory Job ID: 880-67646-1
SDG: 25-0124-01

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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
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: Raley A #1

Job ID: 880-67646-1

Job ID: 880-67646-1

Eurofins Midland

Job Narrative 880-67646-1

REVISION

The report being provided is a revision of the original report sent on 2/9/2026. The report (revision 1) is being revised to correct the sample IDs per Daniel St Germain (phone).

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 2/2/2026 11:16 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 -4.7°C.

Receipt Exceptions

The following samples were listed on the Chain of Custody (COC); however, no samples were received: C-30 5' (880-67646-8), Daniel St Germain was contacted by phone. He indicated that C-30 6' was indeed sample 8 which was not relabeled. C-30 5' is not a sample. Sample 8 was relabeled in the lab as C-30 6' per his instruction.

GC VOA

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-130954 and analytical batch 880-131027 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Diesel Range Organics

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-130548 and analytical batch 880-131003 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCSD 880-130548/3-A) and (880-67646-A-14-C 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.

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01Client Sample ID: C-5 2
Date Collected: 01/28/26 12:15
Date Received: 02/02/26 11:16Lab Sample ID: 880-67646-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200	mg/Kg		02/05/26 13:05	02/07/26 09:15	1
Toluene	<0.00200	U F1 F2	0.00200	mg/Kg		02/05/26 13:05	02/07/26 09:15	1
Ethylbenzene	<0.00200	U F1 F2	0.00200	mg/Kg		02/05/26 13:05	02/07/26 09:15	1
m,p-Xylenes	<0.00399	U F1 F2	0.00399	mg/Kg		02/05/26 13:05	02/07/26 09:15	1
o-Xylene	<0.00200	U F1 F2	0.00200	mg/Kg		02/05/26 13:05	02/07/26 09:15	1
Xylenes, Total	<0.00399	U F1 F2	0.00399	mg/Kg		02/05/26 13:05	02/07/26 09:15	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	02/05/26 13:05	02/07/26 09:15	1
1,4-Difluorobenzene (Surr)	115		70 - 130	02/05/26 13:05	02/07/26 09:15	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/07/26 09:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/06/26 18:23	1

Method: SW846 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		02/02/26 11:47	02/06/26 18:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 18:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 18:23	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	02/02/26 11:47	02/06/26 18:23	1
o-Terphenyl (Surr)	83		70 - 130	02/02/26 11:47	02/06/26 18:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.7		9.94	mg/Kg			02/03/26 18:50	1

Client Sample ID: C-6 2
Date Collected: 01/28/26 12:27
Date Received: 02/02/26 11:16Lab Sample ID: 880-67646-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/05/26 13:05	02/07/26 09:36	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/05/26 13:05	02/07/26 09:36	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/05/26 13:05	02/07/26 09:36	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		02/05/26 13:05	02/07/26 09:36	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/05/26 13:05	02/07/26 09:36	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/05/26 13:05	02/07/26 09:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/05/26 13:05	02/07/26 09:36	1
1,4-Difluorobenzene (Surr)	111		70 - 130	02/05/26 13:05	02/07/26 09:36	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-6 2

Lab Sample ID: 880-67646-2

Date Collected: 01/28/26 12:27

Matrix: Solid

Date Received: 02/02/26 11:16

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			02/07/26 09:36	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			02/06/26 18:38	1

Method: SW846 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		02/02/26 11:47	02/06/26 18:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		02/02/26 11:47	02/06/26 18:38	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/02/26 11:47	02/06/26 18:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	98		70 - 130	02/02/26 11:47	02/06/26 18:38	1
o-Terphenyl (Surr)	92		70 - 130	02/02/26 11:47	02/06/26 18:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.8		9.92	mg/Kg			02/03/26 18:56	1

Client Sample ID: C-19 2

Lab Sample ID: 880-67646-3

Date Collected: 01/28/26 12:50

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/05/26 13:05	02/07/26 09:57	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/05/26 13:05	02/07/26 09:57	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/05/26 13:05	02/07/26 09:57	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		02/05/26 13:05	02/07/26 09:57	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/05/26 13:05	02/07/26 09:57	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/05/26 13:05	02/07/26 09:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	112		70 - 130	02/05/26 13:05	02/07/26 09:57	1
1,4-Difluorobenzene (Surr)	99		70 - 130	02/05/26 13:05	02/07/26 09:57	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			02/07/26 09:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			02/06/26 18:53	1

Method: SW846 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		02/02/26 11:47	02/06/26 18:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/02/26 11:47	02/06/26 18:53	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-19 2

Lab Sample ID: 880-67646-3

Date Collected: 01/28/26 12:50

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/02/26 11:47	02/06/26 18:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	91		70 - 130			02/02/26 11:47	02/06/26 18:53	1
o-Terphenyl (Surr)	88		70 - 130			02/02/26 11:47	02/06/26 18:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	223		10.0	mg/Kg			02/03/26 19:01	1

Client Sample ID: C-27 2

Lab Sample ID: 880-67646-4

Date Collected: 01/28/26 13:08

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/05/26 13:05	02/07/26 10:17	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/05/26 13:05	02/07/26 10:17	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/05/26 13:05	02/07/26 10:17	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/05/26 13:05	02/07/26 10:17	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/05/26 13:05	02/07/26 10:17	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/05/26 13:05	02/07/26 10:17	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130			02/05/26 13:05	02/07/26 10:17	1
1,4-Difluorobenzene (Surr)	113		70 - 130			02/05/26 13:05	02/07/26 10:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/07/26 10:17	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/06/26 19:23	1

Method: SW846 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		02/02/26 11:47	02/06/26 19:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 19:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 19:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	92		70 - 130			02/02/26 11:47	02/06/26 19:23	1
o-Terphenyl (Surr)	88		70 - 130			02/02/26 11:47	02/06/26 19:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	130		10.1	mg/Kg			02/03/26 19:06	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-28 3

Lab Sample ID: 880-67646-5

Date Collected: 01/29/26 09:05

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/05/26 13:05	02/07/26 10:38	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/05/26 13:05	02/07/26 10:38	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/05/26 13:05	02/07/26 10:38	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		02/05/26 13:05	02/07/26 10:38	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/05/26 13:05	02/07/26 10:38	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		02/05/26 13:05	02/07/26 10:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130	02/05/26 13:05	02/07/26 10:38	1
1,4-Difluorobenzene (Surr)	116		70 - 130	02/05/26 13:05	02/07/26 10:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			02/07/26 10:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.4	U	50.4	mg/Kg			02/06/26 19:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.4	U	50.4	mg/Kg		02/02/26 11:47	02/06/26 19:38	1
Diesel Range Organics (Over C10-C28)	<50.4	U	50.4	mg/Kg		02/02/26 11:47	02/06/26 19:38	1
Oil Range Organics (Over C28-C36)	<50.4	U	50.4	mg/Kg		02/02/26 11:47	02/06/26 19:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	02/02/26 11:47	02/06/26 19:38	1
o-Terphenyl (Surr)	100		70 - 130	02/02/26 11:47	02/06/26 19:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.3		10.1	mg/Kg			02/03/26 19:22	1

Client Sample ID: C-32 4

Lab Sample ID: 880-67646-6

Date Collected: 01/29/26 10:30

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:05	02/07/26 10:59	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:05	02/07/26 10:59	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:05	02/07/26 10:59	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/05/26 13:05	02/07/26 10:59	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:05	02/07/26 10:59	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/05/26 13:05	02/07/26 10:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/05/26 13:05	02/07/26 10:59	1
1,4-Difluorobenzene (Surr)	116		70 - 130	02/05/26 13:05	02/07/26 10:59	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-32 4
Date Collected: 01/29/26 10:30
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/07/26 10:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/06/26 19:53	1

Method: SW846 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		02/02/26 11:47	02/06/26 19:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 19:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 19:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	02/02/26 11:47	02/06/26 19:53	1
o-Terphenyl (Surr)	99		70 - 130	02/02/26 11:47	02/06/26 19:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	984		49.6	mg/Kg			02/03/26 19:27	5

Client Sample ID: C-31 5
Date Collected: 01/29/26 10:42
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/05/26 13:05	02/07/26 11:19	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/05/26 13:05	02/07/26 11:19	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/05/26 13:05	02/07/26 11:19	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		02/05/26 13:05	02/07/26 11:19	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/05/26 13:05	02/07/26 11:19	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/05/26 13:05	02/07/26 11:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/05/26 13:05	02/07/26 11:19	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/05/26 13:05	02/07/26 11:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			02/07/26 11:19	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	59.6		50.2	mg/Kg			02/06/26 20:07	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.2	U	50.2	mg/Kg		02/02/26 11:47	02/06/26 20:07	1
Diesel Range Organics (Over C10-C28)	59.6		50.2	mg/Kg		02/02/26 11:47	02/06/26 20:07	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-31 5

Date Collected: 01/29/26 10:42

Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-7

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.2	U	50.2	mg/Kg		02/02/26 11:47	02/06/26 20:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130			02/02/26 11:47	02/06/26 20:07	1
o-Terphenyl (Surr)	102		70 - 130			02/02/26 11:47	02/06/26 20:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	7620		99.0	mg/Kg			02/03/26 19:43	10

Client Sample ID: C-30 6

Date Collected: 01/30/26 12:04

Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-8

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:55	02/08/26 05:53	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:55	02/08/26 05:53	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:55	02/08/26 05:53	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/05/26 12:55	02/08/26 05:53	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:55	02/08/26 05:53	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/05/26 12:55	02/08/26 05:53	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130			02/05/26 12:55	02/08/26 05:53	1
1,4-Difluorobenzene (Surr)	91		70 - 130			02/05/26 12:55	02/08/26 05:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			02/08/26 05:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			02/06/26 20:23	1

Method: SW846 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		02/02/26 11:47	02/06/26 20:23	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		02/02/26 11:47	02/06/26 20:23	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		02/02/26 11:47	02/06/26 20:23	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130			02/02/26 11:47	02/06/26 20:23	1
o-Terphenyl (Surr)	92		70 - 130			02/02/26 11:47	02/06/26 20:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	252		9.94	mg/Kg			02/03/26 19:48	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-35 A 0-2

Lab Sample ID: 880-67646-9

Date Collected: 01/29/26 12:15

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		02/07/26 16:24	02/08/26 03:37	1
Toluene	<0.00198	U	0.00198	mg/Kg		02/07/26 16:24	02/08/26 03:37	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		02/07/26 16:24	02/08/26 03:37	1
m,p-Xylenes	<0.00396	U	0.00396	mg/Kg		02/07/26 16:24	02/08/26 03:37	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		02/07/26 16:24	02/08/26 03:37	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		02/07/26 16:24	02/08/26 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	02/07/26 16:24	02/08/26 03:37	1
1,4-Difluorobenzene (Surr)	119		70 - 130	02/07/26 16:24	02/08/26 03:37	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			02/08/26 03:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			02/06/26 20:37	1

Method: SW846 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		02/02/26 11:47	02/06/26 20:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/02/26 11:47	02/06/26 20:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/02/26 11:47	02/06/26 20:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	02/02/26 11:47	02/06/26 20:37	1
o-Terphenyl (Surr)	90		70 - 130	02/02/26 11:47	02/06/26 20:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	41.9		9.92	mg/Kg			02/03/26 19:53	1

Client Sample ID: C-35 B 0-1

Lab Sample ID: 880-67646-10

Date Collected: 01/29/26 12:22

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 03:57	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 03:57	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 03:57	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/07/26 16:24	02/08/26 03:57	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 03:57	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/07/26 16:24	02/08/26 03:57	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/07/26 16:24	02/08/26 03:57	1
1,4-Difluorobenzene (Surr)	116		70 - 130	02/07/26 16:24	02/08/26 03:57	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-35 B 0-1

Lab Sample ID: 880-67646-10

Date Collected: 01/29/26 12:22

Matrix: Solid

Date Received: 02/02/26 11:16

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			02/08/26 03:57	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/06/26 20:52	1

Method: SW846 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		02/02/26 11:47	02/06/26 20:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 20:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 20:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	100		70 - 130	02/02/26 11:47	02/06/26 20:52	1
o-Terphenyl (Surr)	98		70 - 130	02/02/26 11:47	02/06/26 20:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	37.5		10.1	mg/Kg			02/03/26 19:58	1

Client Sample ID: C-37 A 0-6

Lab Sample ID: 880-67646-11

Date Collected: 01/30/26 10:20

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 04:18	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 04:18	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 04:18	1
m,p-Xylenes	<0.00399	U	0.00399	mg/Kg		02/07/26 16:24	02/08/26 04:18	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 04:18	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		02/07/26 16:24	02/08/26 04:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	02/07/26 16:24	02/08/26 04:18	1
1,4-Difluorobenzene (Surr)	115		70 - 130	02/07/26 16:24	02/08/26 04:18	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			02/08/26 04:18	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			02/06/26 21:07	1

Method: SW846 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		02/02/26 11:47	02/06/26 21:07	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		02/02/26 11:47	02/06/26 21:07	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-37 A 0-6

Lab Sample ID: 880-67646-11

Date Collected: 01/30/26 10:20

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		02/02/26 11:47	02/06/26 21:07	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	94		70 - 130			02/02/26 11:47	02/06/26 21:07	1
o-Terphenyl (Surr)	91		70 - 130			02/02/26 11:47	02/06/26 21:07	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	118		10.0	mg/Kg			02/03/26 20:04	1

Client Sample ID: C-37 B 0-5

Lab Sample ID: 880-67646-12

Date Collected: 01/30/26 10:25

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		02/07/26 16:24	02/08/26 04:38	1
Toluene	<0.00201	U	0.00201	mg/Kg		02/07/26 16:24	02/08/26 04:38	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		02/07/26 16:24	02/08/26 04:38	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		02/07/26 16:24	02/08/26 04:38	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		02/07/26 16:24	02/08/26 04:38	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		02/07/26 16:24	02/08/26 04:38	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130			02/07/26 16:24	02/08/26 04:38	1
1,4-Difluorobenzene (Surr)	113		70 - 130			02/07/26 16:24	02/08/26 04:38	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			02/08/26 04:38	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/06/26 21:21	1

Method: SW846 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		02/02/26 11:47	02/06/26 21:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 21:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 21:21	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	106		70 - 130			02/02/26 11:47	02/06/26 21:21	1
o-Terphenyl (Surr)	101		70 - 130			02/02/26 11:47	02/06/26 21:21	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	42.7		10.1	mg/Kg			02/03/26 20:09	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-37 C 0-4.1

Lab Sample ID: 880-67646-13

Date Collected: 01/30/26 10:32

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		02/07/26 16:24	02/08/26 04:59	1
Toluene	<0.00202	U	0.00202	mg/Kg		02/07/26 16:24	02/08/26 04:59	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		02/07/26 16:24	02/08/26 04:59	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		02/07/26 16:24	02/08/26 04:59	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		02/07/26 16:24	02/08/26 04:59	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		02/07/26 16:24	02/08/26 04:59	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/07/26 16:24	02/08/26 04:59	1
1,4-Difluorobenzene (Surr)	116		70 - 130	02/07/26 16:24	02/08/26 04:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			02/08/26 04:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.1	U	50.1	mg/Kg			02/06/26 21:36	1

Method: SW846 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		02/02/26 11:47	02/06/26 21:36	1
Diesel Range Organics (Over C10-C28)	<50.1	U	50.1	mg/Kg		02/02/26 11:47	02/06/26 21:36	1
Oil Range Organics (Over C28-C36)	<50.1	U	50.1	mg/Kg		02/02/26 11:47	02/06/26 21:36	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	97		70 - 130	02/02/26 11:47	02/06/26 21:36	1
o-Terphenyl (Surr)	89		70 - 130	02/02/26 11:47	02/06/26 21:36	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	58.4		9.92	mg/Kg			02/03/26 20:14	1

Client Sample ID: C-37 D 0-4.1

Lab Sample ID: 880-67646-14

Date Collected: 01/30/26 10:37

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		02/07/26 16:24	02/08/26 05:20	1
Toluene	<0.00199	U	0.00199	mg/Kg		02/07/26 16:24	02/08/26 05:20	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		02/07/26 16:24	02/08/26 05:20	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		02/07/26 16:24	02/08/26 05:20	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		02/07/26 16:24	02/08/26 05:20	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		02/07/26 16:24	02/08/26 05:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		70 - 130	02/07/26 16:24	02/08/26 05:20	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/07/26 16:24	02/08/26 05:20	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-37 D 0-4.1

Lab Sample ID: 880-67646-14

Date Collected: 01/30/26 10:37

Matrix: Solid

Date Received: 02/02/26 11:16

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			02/08/26 05:20	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			02/06/26 16:09	1

Method: SW846 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		02/02/26 12:30	02/06/26 16:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/02/26 12:30	02/06/26 16:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/02/26 12:30	02/06/26 16:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	111		70 - 130	02/02/26 12:30	02/06/26 16:09	1
o-Terphenyl (Surr)	114		70 - 130	02/02/26 12:30	02/06/26 16:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	22.2		9.96	mg/Kg			02/03/26 20:51	1

Client Sample ID: C-29 5

Lab Sample ID: 880-67646-15

Date Collected: 01/30/26 11:54

Matrix: Solid

Date Received: 02/02/26 11:16

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 05:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 05:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 05:40	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/07/26 16:24	02/08/26 05:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/08/26 05:40	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/07/26 16:24	02/08/26 05:40	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	02/07/26 16:24	02/08/26 05:40	1
1,4-Difluorobenzene (Surr)	112		70 - 130	02/07/26 16:24	02/08/26 05:40	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400	mg/Kg			02/08/26 05:40	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			02/06/26 16:54	1

Method: SW846 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		02/02/26 12:30	02/06/26 16:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		02/02/26 12:30	02/06/26 16:54	1

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Client Sample Results

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-67646-1
 SDG: 25-0124-01

Client Sample ID: C-29 5
Date Collected: 01/30/26 11:54
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-15
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		02/02/26 12:30	02/06/26 16:54	1
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	114		70 - 130			02/02/26 12:30	02/06/26 16:54	1
o-Terphenyl (Surr)	116		70 - 130			02/02/26 12:30	02/06/26 16:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	1060		9.98	mg/Kg			02/03/26 21:12	1

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

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-67646-1	C-5 2	105	115
880-67646-1 MS	C-5 2	108	108
880-67646-1 MSD	C-5 2	104	111
880-67646-2	C-6 2	108	111
880-67646-3	C-19 2	112	99
880-67646-4	C-27 2	105	113
880-67646-5	C-28 3	110	116
880-67646-6	C-32 4	109	116
880-67646-7	C-31 5	104	112
880-67646-8	C-30 6	111	91
880-67646-9	C-35 A 0-2	109	119
880-67646-10	C-35 B 0-1	106	116
880-67646-11	C-37 A 0-6	108	115
880-67646-12	C-37 B 0-5	106	113
880-67646-13	C-37 C 0-4.1	104	116
880-67646-14	C-37 D 0-4.1	102	110
880-67646-15	C-29 5	106	112
LCS 880-130948/1-A	Lab Control Sample	98	100
LCS 880-130954/1-A	Lab Control Sample	105	110
LCS 880-131147/1-A	Lab Control Sample	98	106
LCSD 880-130948/2-A	Lab Control Sample Dup	104	97
LCSD 880-130954/2-A	Lab Control Sample Dup	98	109
LCSD 880-131147/2-A	Lab Control Sample Dup	101	115
MB 880-130948/5-A	Method Blank	104	95
MB 880-130952/5-A	Method Blank	101	110
MB 880-130954/5-A	Method Blank	103	115
MB 880-131147/5-A	Method Blank	100	109

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	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-67646-1	C-5 2	87	83
880-67646-2	C-6 2	98	92
880-67646-3	C-19 2	91	88
880-67646-4	C-27 2	92	88
880-67646-5	C-28 3	104	100
880-67646-6	C-32 4	104	99
880-67646-7	C-31 5	106	102
880-67646-8	C-30 6	94	92
880-67646-9	C-35 A 0-2	96	90
880-67646-10	C-35 B 0-1	100	98
880-67646-11	C-37 A 0-6	94	91
880-67646-12	C-37 B 0-5	106	101

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Surrogate Summary

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-67646-1
 SDG: 25-0124-01

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)
880-67646-13	C-37 C 0-4.1	97	89
880-67646-14	C-37 D 0-4.1	111	114
880-67646-14 MS	C-37 D 0-4.1	109	114
880-67646-14 MSD	C-37 D 0-4.1	132 S1+	116
880-67646-15	C-29 5	114	116
LCS 880-130539/2-A	Lab Control Sample	98	100
LCS 880-130548/2-A	Lab Control Sample	90	100
LCSD 880-130539/3-A	Lab Control Sample Dup	95	97
LCSD 880-130548/3-A	Lab Control Sample Dup	147 S1+	131 S1+
MB 880-130539/1-A	Method Blank	123	119
MB 880-130548/1-A	Method Blank	129	132 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

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

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-130948/5-A
Matrix: Solid
Analysis Batch: 131136

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130948

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:55	02/07/26 21:49	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:55	02/07/26 21:49	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:55	02/07/26 21:49	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/05/26 12:55	02/07/26 21:49	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/26 12:55	02/07/26 21:49	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/05/26 12:55	02/07/26 21:49	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	02/05/26 12:55	02/07/26 21:49	1
1,4-Difluorobenzene (Surr)	95		70 - 130	02/05/26 12:55	02/07/26 21:49	1

Lab Sample ID: LCS 880-130948/1-A
Matrix: Solid
Analysis Batch: 131136

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130948

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.08359		mg/Kg		84	70 - 130
Toluene	0.100	0.08738		mg/Kg		87	70 - 130
Ethylbenzene	0.100	0.07580		mg/Kg		76	70 - 130
m,p-Xylenes	0.200	0.1552		mg/Kg		78	70 - 130
o-Xylene	0.100	0.07935		mg/Kg		79	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-130948/2-A
Matrix: Solid
Analysis Batch: 131136

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130948

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08629		mg/Kg		86	70 - 130	3	35
Toluene	0.100	0.09743		mg/Kg		97	70 - 130	11	35
Ethylbenzene	0.100	0.08830		mg/Kg		88	70 - 130	15	35
m,p-Xylenes	0.200	0.1793		mg/Kg		90	70 - 130	14	35
o-Xylene	0.100	0.09015		mg/Kg		90	70 - 130	13	35

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

Lab Sample ID: MB 880-130952/5-A
Matrix: Solid
Analysis Batch: 131027

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130952

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:02	02/06/26 22:16	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:02	02/06/26 22:16	1

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

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

Lab Sample ID: MB 880-130952/5-A
Matrix: Solid
Analysis Batch: 131027

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130952

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:02	02/06/26 22:16	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/05/26 13:02	02/06/26 22:16	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:02	02/06/26 22:16	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/05/26 13:02	02/06/26 22:16	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	101		70 - 130	02/05/26 13:02	02/06/26 22:16	1
1,4-Difluorobenzene (Surr)	110		70 - 130	02/05/26 13:02	02/06/26 22:16	1

Lab Sample ID: MB 880-130954/5-A
Matrix: Solid
Analysis Batch: 131027

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130954

Analyte	MB MB		RL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier						
Benzene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:05	02/07/26 08:54	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:05	02/07/26 08:54	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:05	02/07/26 08:54	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/05/26 13:05	02/07/26 08:54	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/05/26 13:05	02/07/26 08:54	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/05/26 13:05	02/07/26 08:54	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	103		70 - 130	02/05/26 13:05	02/07/26 08:54	1
1,4-Difluorobenzene (Surr)	115		70 - 130	02/05/26 13:05	02/07/26 08:54	1

Lab Sample ID: LCS 880-130954/1-A
Matrix: Solid
Analysis Batch: 131027

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130954

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Toluene	0.100	0.09067		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09654		mg/Kg		97	70 - 130
m,p-Xylenes	0.200	0.1882		mg/Kg		94	70 - 130
o-Xylene	0.100	0.09121		mg/Kg		91	70 - 130

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-130954/2-A
Matrix: Solid
Analysis Batch: 131027

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130954

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.09744		mg/Kg		97	70 - 130	1	35
Toluene	0.100	0.09048		mg/Kg		90	70 - 130	0	35
Ethylbenzene	0.100	0.09359		mg/Kg		94	70 - 130	3	35

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

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

Lab Sample ID: LCSD 880-130954/2-A

Matrix: Solid

Analysis Batch: 131027

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 130954

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	0.200	0.1863		mg/Kg		93	70 - 130	1	35
o-Xylene	0.100	0.08978		mg/Kg		90	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	LCSD Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	109		70 - 130

Lab Sample ID: 880-67646-1 MS

Matrix: Solid

Analysis Batch: 131027

Client Sample ID: C-5 2

Prep Type: Total/NA

Prep Batch: 130954

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U F1 F2	0.100	0.03399	F1	mg/Kg		34	70 - 130
Toluene	<0.00200	U F1 F2	0.100	0.03137	F1	mg/Kg		31	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.100	0.03743	F1	mg/Kg		37	70 - 130
m,p-Xylenes	<0.00399	U F1 F2	0.200	0.07144	F1	mg/Kg		36	70 - 130
o-Xylene	<0.00200	U F1 F2	0.100	0.03949	F1	mg/Kg		39	70 - 130

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

Lab Sample ID: 880-67646-1 MSD

Matrix: Solid

Analysis Batch: 131027

Client Sample ID: C-5 2

Prep Type: Total/NA

Prep Batch: 130954

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	0.06851	F1 F2	mg/Kg		69	70 - 130	67	35
Toluene	<0.00200	U F1 F2	0.100	0.06536	F1 F2	mg/Kg		65	70 - 130	70	35
Ethylbenzene	<0.00200	U F1 F2	0.100	0.07010	F2	mg/Kg		70	70 - 130	61	35
m,p-Xylenes	<0.00399	U F1 F2	0.200	0.1347	F1 F2	mg/Kg		67	70 - 130	61	35
o-Xylene	<0.00200	U F1 F2	0.100	0.06427	F1 F2	mg/Kg		64	70 - 130	48	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-131147/5-A

Matrix: Solid

Analysis Batch: 131138

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 131147

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/07/26 21:44	1
Toluene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/07/26 21:44	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/07/26 21:44	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		02/07/26 16:24	02/07/26 21:44	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		02/07/26 16:24	02/07/26 21:44	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		02/07/26 16:24	02/07/26 21:44	1

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

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

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	02/07/26 16:24	02/07/26 21:44	1
1,4-Difluorobenzene (Surr)	109		70 - 130	02/07/26 16:24	02/07/26 21:44	1

Lab Sample ID: LCS 880-131147/1-A
Matrix: Solid
Analysis Batch: 131138

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 131147

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.07448		mg/Kg		74	70 - 130
Toluene	0.100	0.07365		mg/Kg		74	70 - 130
Ethylbenzene	0.100	0.07799		mg/Kg		78	70 - 130
m,p-Xylenes	0.200	0.1492		mg/Kg		75	70 - 130
o-Xylene	0.100	0.07506		mg/Kg		75	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-131147/2-A
Matrix: Solid
Analysis Batch: 131138

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 131147

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Benzene	0.100	0.08641		mg/Kg		86	70 - 130	15	35
Toluene	0.100	0.08369		mg/Kg		84	70 - 130	13	35
Ethylbenzene	0.100	0.08670		mg/Kg		87	70 - 130	11	35
m,p-Xylenes	0.200	0.1683		mg/Kg		84	70 - 130	12	35
o-Xylene	0.100	0.08244		mg/Kg		82	70 - 130	9	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	115		70 - 130

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

Lab Sample ID: MB 880-130539/1-A
Matrix: Solid
Analysis Batch: 131006

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130539

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		02/02/26 11:47	02/06/26 15:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 15:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/02/26 11:47	02/06/26 15:01	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	123		70 - 130	02/02/26 11:47	02/06/26 15:01	1
o-Terphenyl (Surr)	119		70 - 130	02/02/26 11:47	02/06/26 15:01	1

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

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

Lab Sample ID: LCS 880-130539/2-A
Matrix: Solid
Analysis Batch: 131006

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130539

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	1051		mg/Kg		105	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	1197		mg/Kg		120	70 - 130	
		LCS	LCS					
Surrogate		%Recovery	Qualifier	Limits				
1-Chlorooctane (Surr)		98		70 - 130				
o-Terphenyl (Surr)		100		70 - 130				

Lab Sample ID: LCSD 880-130539/3-A
Matrix: Solid
Analysis Batch: 131006

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130539

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec		RPD	
							Limits		RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	987.4		mg/Kg		99	70 - 130	6	20	
Diesel Range Organics (Over C10-C28)	1000	1169		mg/Kg		117	70 - 130	2	20	
		LCSD	LCSD							
Surrogate		%Recovery	Qualifier	Limits						
1-Chlorooctane (Surr)		95		70 - 130						
o-Terphenyl (Surr)		97		70 - 130						

Lab Sample ID: MB 880-130548/1-A
Matrix: Solid
Analysis Batch: 131003

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 130548

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		02/02/26 12:29	02/06/26 15:01			1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		02/02/26 12:29	02/06/26 15:01			1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		02/02/26 12:29	02/06/26 15:01			1
		MB	MB							
Surrogate	%Recovery	Qualifier	Limits			Prepared	Analyzed			Dil Fac
1-Chlorooctane (Surr)	129		70 - 130			02/02/26 12:29	02/06/26 15:01			1
o-Terphenyl (Surr)	132	S1+	70 - 130			02/02/26 12:29	02/06/26 15:01			1

Lab Sample ID: LCS 880-130548/2-A
Matrix: Solid
Analysis Batch: 131003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130548

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec	
							Limits	
Gasoline Range Organics (GRO)-C6-C10	1000	888.5		mg/Kg		89	70 - 130	
Diesel Range Organics (Over C10-C28)	1000	975.5		mg/Kg		98	70 - 130	

Eurofins Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

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

Lab Sample ID: LCS 880-130548/2-A
Matrix: Solid
Analysis Batch: 131003

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 130548

Surrogate	LCS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	90		70 - 130
o-Terphenyl (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-130548/3-A
Matrix: Solid
Analysis Batch: 131003

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 130548

Analyte	Spike Added	LCSD		Unit	D	%Rec	%Rec		RPD	Limit
		Result	Qualifier				Limits	RPD		
Gasoline Range Organics (GRO)-C6-C10	1000	1054		mg/Kg		105	70 - 130	17	20	
Diesel Range Organics (Over C10-C28)	1000	1100		mg/Kg		110	70 - 130	12	20	

Surrogate	LCSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	147	S1+	70 - 130
o-Terphenyl (Surr)	131	S1+	70 - 130

Lab Sample ID: 880-67646-14 MS
Matrix: Solid
Analysis Batch: 131003

Client Sample ID: C-37 D 0-4.1
Prep Type: Total/NA
Prep Batch: 130548

Analyte	Sample Result	Sample Qualifier	Spike Added	MS		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	935.1		mg/Kg		93	70 - 130	
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	985.1		mg/Kg		98	70 - 130	

Surrogate	MS		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	114		70 - 130

Lab Sample ID: 880-67646-14 MSD
Matrix: Solid
Analysis Batch: 131003

Client Sample ID: C-37 D 0-4.1
Prep Type: Total/NA
Prep Batch: 130548

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD		Unit	D	%Rec	%Rec	
				Result	Qualifier				Limits	RPD
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	925.6		mg/Kg		92	70 - 130	1
Diesel Range Organics (Over C10-C28)	<50.0	U	1000	924.0		mg/Kg		92	70 - 130	6

Surrogate	MSD		Limits
	%Recovery	Qualifier	
1-Chlorooctane (Surr)	132	S1+	70 - 130
o-Terphenyl (Surr)	116		70 - 130

Eurofins Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-130577/1-A
Matrix: Solid
Analysis Batch: 130657

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			02/03/26 15:10	1

Lab Sample ID: LCS 880-130577/2-A
Matrix: Solid
Analysis Batch: 130657

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	228.5		mg/Kg		91	90 - 110

Lab Sample ID: LCSD 880-130577/3-A
Matrix: Solid
Analysis Batch: 130657

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	228.0		mg/Kg		91	90 - 110	0	20

Lab Sample ID: 880-67646-4 MS
Matrix: Solid
Analysis Batch: 130657

Client Sample ID: C-27 2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	130		253	373.2		mg/Kg		96	90 - 110

Lab Sample ID: 880-67646-4 MSD
Matrix: Solid
Analysis Batch: 130657

Client Sample ID: C-27 2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	130		253	371.9		mg/Kg		96	90 - 110	0	20

Lab Sample ID: MB 880-130578/1-A
Matrix: Solid
Analysis Batch: 130675

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<10.0	U	10.0	mg/Kg			02/03/26 20:30	1

Lab Sample ID: LCS 880-130578/2-A
Matrix: Solid
Analysis Batch: 130675

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	247.8		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-130578/3-A
Matrix: Solid
Analysis Batch: 130675

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	249.1		mg/Kg		100	90 - 110	1	20

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QC Sample Results

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-67646-1
 SDG: 25-0124-01

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-67646-14 MS
Matrix: Solid
Analysis Batch: 130675

Client Sample ID: C-37 D 0-4.1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	22.2		249	270.2		mg/Kg		100	90 - 110

Lab Sample ID: 880-67646-14 MSD
Matrix: Solid
Analysis Batch: 130675

Client Sample ID: C-37 D 0-4.1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	22.2		249	271.5		mg/Kg		100	90 - 110	0	20

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

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

GC VOA

Prep Batch: 130948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-8	C-30 6	Total/NA	Solid	5035	
MB 880-130948/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130948/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130948/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 130952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-130952/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 130954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-1	C-5 2	Total/NA	Solid	5035	
880-67646-2	C-6 2	Total/NA	Solid	5035	
880-67646-3	C-19 2	Total/NA	Solid	5035	
880-67646-4	C-27 2	Total/NA	Solid	5035	
880-67646-5	C-28 3	Total/NA	Solid	5035	
880-67646-6	C-32 4	Total/NA	Solid	5035	
880-67646-7	C-31 5	Total/NA	Solid	5035	
MB 880-130954/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-130954/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-130954/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-67646-1 MS	C-5 2	Total/NA	Solid	5035	
880-67646-1 MSD	C-5 2	Total/NA	Solid	5035	

Analysis Batch: 131027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-1	C-5 2	Total/NA	Solid	8021B	130954
880-67646-2	C-6 2	Total/NA	Solid	8021B	130954
880-67646-3	C-19 2	Total/NA	Solid	8021B	130954
880-67646-4	C-27 2	Total/NA	Solid	8021B	130954
880-67646-5	C-28 3	Total/NA	Solid	8021B	130954
880-67646-6	C-32 4	Total/NA	Solid	8021B	130954
880-67646-7	C-31 5	Total/NA	Solid	8021B	130954
MB 880-130952/5-A	Method Blank	Total/NA	Solid	8021B	130952
MB 880-130954/5-A	Method Blank	Total/NA	Solid	8021B	130954
LCS 880-130954/1-A	Lab Control Sample	Total/NA	Solid	8021B	130954
LCSD 880-130954/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130954
880-67646-1 MS	C-5 2	Total/NA	Solid	8021B	130954
880-67646-1 MSD	C-5 2	Total/NA	Solid	8021B	130954

Analysis Batch: 131136

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-8	C-30 6	Total/NA	Solid	8021B	130948
MB 880-130948/5-A	Method Blank	Total/NA	Solid	8021B	130948
LCS 880-130948/1-A	Lab Control Sample	Total/NA	Solid	8021B	130948
LCSD 880-130948/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	130948

Analysis Batch: 131138

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-9	C-35 A 0-2	Total/NA	Solid	8021B	131147
880-67646-10	C-35 B 0-1	Total/NA	Solid	8021B	131147

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QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

GC VOA (Continued)

Analysis Batch: 131138 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-11	C-37 A 0-6	Total/NA	Solid	8021B	131147
880-67646-12	C-37 B 0-5	Total/NA	Solid	8021B	131147
880-67646-13	C-37 C 0-4.1	Total/NA	Solid	8021B	131147
880-67646-14	C-37 D 0-4.1	Total/NA	Solid	8021B	131147
880-67646-15	C-29 5	Total/NA	Solid	8021B	131147
MB 880-131147/5-A	Method Blank	Total/NA	Solid	8021B	131147
LCS 880-131147/1-A	Lab Control Sample	Total/NA	Solid	8021B	131147
LCSD 880-131147/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	131147

Prep Batch: 131147

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-9	C-35 A 0-2	Total/NA	Solid	5035	
880-67646-10	C-35 B 0-1	Total/NA	Solid	5035	
880-67646-11	C-37 A 0-6	Total/NA	Solid	5035	
880-67646-12	C-37 B 0-5	Total/NA	Solid	5035	
880-67646-13	C-37 C 0-4.1	Total/NA	Solid	5035	
880-67646-14	C-37 D 0-4.1	Total/NA	Solid	5035	
880-67646-15	C-29 5	Total/NA	Solid	5035	
MB 880-131147/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-131147/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-131147/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 131243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-1	C-5 2	Total/NA	Solid	Total BTEX	
880-67646-2	C-6 2	Total/NA	Solid	Total BTEX	
880-67646-3	C-19 2	Total/NA	Solid	Total BTEX	
880-67646-4	C-27 2	Total/NA	Solid	Total BTEX	
880-67646-5	C-28 3	Total/NA	Solid	Total BTEX	
880-67646-6	C-32 4	Total/NA	Solid	Total BTEX	
880-67646-7	C-31 5	Total/NA	Solid	Total BTEX	
880-67646-8	C-30 6	Total/NA	Solid	Total BTEX	
880-67646-9	C-35 A 0-2	Total/NA	Solid	Total BTEX	
880-67646-10	C-35 B 0-1	Total/NA	Solid	Total BTEX	
880-67646-11	C-37 A 0-6	Total/NA	Solid	Total BTEX	
880-67646-12	C-37 B 0-5	Total/NA	Solid	Total BTEX	
880-67646-13	C-37 C 0-4.1	Total/NA	Solid	Total BTEX	
880-67646-14	C-37 D 0-4.1	Total/NA	Solid	Total BTEX	
880-67646-15	C-29 5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 130539

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-1	C-5 2	Total/NA	Solid	8015NM Prep	
880-67646-2	C-6 2	Total/NA	Solid	8015NM Prep	
880-67646-3	C-19 2	Total/NA	Solid	8015NM Prep	
880-67646-4	C-27 2	Total/NA	Solid	8015NM Prep	
880-67646-5	C-28 3	Total/NA	Solid	8015NM Prep	
880-67646-6	C-32 4	Total/NA	Solid	8015NM Prep	
880-67646-7	C-31 5	Total/NA	Solid	8015NM Prep	

Eurofins Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

GC Semi VOA (Continued)

Prep Batch: 130539 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-8	C-30 6	Total/NA	Solid	8015NM Prep	
880-67646-9	C-35 A 0-2	Total/NA	Solid	8015NM Prep	
880-67646-10	C-35 B 0-1	Total/NA	Solid	8015NM Prep	
880-67646-11	C-37 A 0-6	Total/NA	Solid	8015NM Prep	
880-67646-12	C-37 B 0-5	Total/NA	Solid	8015NM Prep	
880-67646-13	C-37 C 0-4.1	Total/NA	Solid	8015NM Prep	
MB 880-130539/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130539/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130539/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 130548

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-14	C-37 D 0-4.1	Total/NA	Solid	8015NM Prep	
880-67646-15	C-29 5	Total/NA	Solid	8015NM Prep	
MB 880-130548/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-130548/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-130548/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-67646-14 MS	C-37 D 0-4.1	Total/NA	Solid	8015NM Prep	
880-67646-14 MSD	C-37 D 0-4.1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 131003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-14	C-37 D 0-4.1	Total/NA	Solid	8015B NM	130548
880-67646-15	C-29 5	Total/NA	Solid	8015B NM	130548
MB 880-130548/1-A	Method Blank	Total/NA	Solid	8015B NM	130548
LCS 880-130548/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130548
LCSD 880-130548/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130548
880-67646-14 MS	C-37 D 0-4.1	Total/NA	Solid	8015B NM	130548
880-67646-14 MSD	C-37 D 0-4.1	Total/NA	Solid	8015B NM	130548

Analysis Batch: 131006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-1	C-5 2	Total/NA	Solid	8015B NM	130539
880-67646-2	C-6 2	Total/NA	Solid	8015B NM	130539
880-67646-3	C-19 2	Total/NA	Solid	8015B NM	130539
880-67646-4	C-27 2	Total/NA	Solid	8015B NM	130539
880-67646-5	C-28 3	Total/NA	Solid	8015B NM	130539
880-67646-6	C-32 4	Total/NA	Solid	8015B NM	130539
880-67646-7	C-31 5	Total/NA	Solid	8015B NM	130539
880-67646-8	C-30 6	Total/NA	Solid	8015B NM	130539
880-67646-9	C-35 A 0-2	Total/NA	Solid	8015B NM	130539
880-67646-10	C-35 B 0-1	Total/NA	Solid	8015B NM	130539
880-67646-11	C-37 A 0-6	Total/NA	Solid	8015B NM	130539
880-67646-12	C-37 B 0-5	Total/NA	Solid	8015B NM	130539
880-67646-13	C-37 C 0-4.1	Total/NA	Solid	8015B NM	130539
MB 880-130539/1-A	Method Blank	Total/NA	Solid	8015B NM	130539
LCS 880-130539/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	130539
LCSD 880-130539/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	130539

Eurofins Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

GC Semi VOA

Analysis Batch: 131194

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-1	C-5 2	Total/NA	Solid	8015 NM	
880-67646-2	C-6 2	Total/NA	Solid	8015 NM	
880-67646-3	C-19 2	Total/NA	Solid	8015 NM	
880-67646-4	C-27 2	Total/NA	Solid	8015 NM	
880-67646-5	C-28 3	Total/NA	Solid	8015 NM	
880-67646-6	C-32 4	Total/NA	Solid	8015 NM	
880-67646-7	C-31 5	Total/NA	Solid	8015 NM	
880-67646-8	C-30 6	Total/NA	Solid	8015 NM	
880-67646-9	C-35 A 0-2	Total/NA	Solid	8015 NM	
880-67646-10	C-35 B 0-1	Total/NA	Solid	8015 NM	
880-67646-11	C-37 A 0-6	Total/NA	Solid	8015 NM	
880-67646-12	C-37 B 0-5	Total/NA	Solid	8015 NM	
880-67646-13	C-37 C 0-4.1	Total/NA	Solid	8015 NM	
880-67646-14	C-37 D 0-4.1	Total/NA	Solid	8015 NM	
880-67646-15	C-29 5	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 130577

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-1	C-5 2	Soluble	Solid	DI Leach	
880-67646-2	C-6 2	Soluble	Solid	DI Leach	
880-67646-3	C-19 2	Soluble	Solid	DI Leach	
880-67646-4	C-27 2	Soluble	Solid	DI Leach	
880-67646-5	C-28 3	Soluble	Solid	DI Leach	
880-67646-6	C-32 4	Soluble	Solid	DI Leach	
880-67646-7	C-31 5	Soluble	Solid	DI Leach	
880-67646-8	C-30 6	Soluble	Solid	DI Leach	
880-67646-9	C-35 A 0-2	Soluble	Solid	DI Leach	
880-67646-10	C-35 B 0-1	Soluble	Solid	DI Leach	
880-67646-11	C-37 A 0-6	Soluble	Solid	DI Leach	
880-67646-12	C-37 B 0-5	Soluble	Solid	DI Leach	
880-67646-13	C-37 C 0-4.1	Soluble	Solid	DI Leach	
MB 880-130577/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130577/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130577/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67646-4 MS	C-27 2	Soluble	Solid	DI Leach	
880-67646-4 MSD	C-27 2	Soluble	Solid	DI Leach	

Leach Batch: 130578

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-14	C-37 D 0-4.1	Soluble	Solid	DI Leach	
880-67646-15	C-29 5	Soluble	Solid	DI Leach	
MB 880-130578/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-130578/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-130578/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-67646-14 MS	C-37 D 0-4.1	Soluble	Solid	DI Leach	
880-67646-14 MSD	C-37 D 0-4.1	Soluble	Solid	DI Leach	

Eurofins Midland

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1Job ID: 880-67646-1
SDG: 25-0124-01

HPLC/IC

Analysis Batch: 130657

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-1	C-5 2	Soluble	Solid	300.0	130577
880-67646-2	C-6 2	Soluble	Solid	300.0	130577
880-67646-3	C-19 2	Soluble	Solid	300.0	130577
880-67646-4	C-27 2	Soluble	Solid	300.0	130577
880-67646-5	C-28 3	Soluble	Solid	300.0	130577
880-67646-6	C-32 4	Soluble	Solid	300.0	130577
880-67646-7	C-31 5	Soluble	Solid	300.0	130577
880-67646-8	C-30 6	Soluble	Solid	300.0	130577
880-67646-9	C-35 A 0-2	Soluble	Solid	300.0	130577
880-67646-10	C-35 B 0-1	Soluble	Solid	300.0	130577
880-67646-11	C-37 A 0-6	Soluble	Solid	300.0	130577
880-67646-12	C-37 B 0-5	Soluble	Solid	300.0	130577
880-67646-13	C-37 C 0-4.1	Soluble	Solid	300.0	130577
MB 880-130577/1-A	Method Blank	Soluble	Solid	300.0	130577
LCS 880-130577/2-A	Lab Control Sample	Soluble	Solid	300.0	130577
LCSD 880-130577/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130577
880-67646-4 MS	C-27 2	Soluble	Solid	300.0	130577
880-67646-4 MSD	C-27 2	Soluble	Solid	300.0	130577

Analysis Batch: 130675

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-67646-14	C-37 D 0-4.1	Soluble	Solid	300.0	130578
880-67646-15	C-29 5	Soluble	Solid	300.0	130578
MB 880-130578/1-A	Method Blank	Soluble	Solid	300.0	130578
LCS 880-130578/2-A	Lab Control Sample	Soluble	Solid	300.0	130578
LCSD 880-130578/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	130578
880-67646-14 MS	C-37 D 0-4.1	Soluble	Solid	300.0	130578
880-67646-14 MSD	C-37 D 0-4.1	Soluble	Solid	300.0	130578

Lab Chronicle

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-67646-1
 SDG: 25-0124-01

Client Sample ID: C-5 2
Date Collected: 01/28/26 12:15
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-1
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			5.01 g	5 mL	130954	02/05/26 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131027	02/07/26 09:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/07/26 09:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 18:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 18:23	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 18:50	CS	EET MID

Client Sample ID: C-6 2
Date Collected: 01/28/26 12:27
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-2
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			4.98 g	5 mL	130954	02/05/26 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131027	02/07/26 09:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/07/26 09:36	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 18:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 18:38	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 18:56	CS	EET MID

Client Sample ID: C-19 2
Date Collected: 01/28/26 12:50
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-3
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			4.95 g	5 mL	130954	02/05/26 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131027	02/07/26 09:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/07/26 09:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 18:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 18:53	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 19:01	CS	EET MID

Client Sample ID: C-27 2
Date Collected: 01/28/26 13:08
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-4
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			5.03 g	5 mL	130954	02/05/26 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131027	02/07/26 10:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/07/26 10:17	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-27 2
Date Collected: 01/28/26 13:08
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			131194	02/06/26 19:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 19:23	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 19:06	CS	EET MID

Client Sample ID: C-28 3
Date Collected: 01/29/26 09:05
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-5
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			5.05 g	5 mL	130954	02/05/26 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131027	02/07/26 10:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/07/26 10:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 19:38	SA	EET MID
Total/NA	Prep	8015NM Prep			9.93 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 19:38	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 19:22	CS	EET MID

Client Sample ID: C-32 4
Date Collected: 01/29/26 10:30
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-6
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			5.01 g	5 mL	130954	02/05/26 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131027	02/07/26 10:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/07/26 10:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 19:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 19:53	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		5			130657	02/03/26 19:27	CS	EET MID

Client Sample ID: C-31 5
Date Collected: 01/29/26 10:42
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-7
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			4.98 g	5 mL	130954	02/05/26 13:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131027	02/07/26 11:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/07/26 11:19	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 20:07	SA	EET MID
Total/NA	Prep	8015NM Prep			9.97 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 20:07	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-31 5
Date Collected: 01/29/26 10:42
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		10			130657	02/03/26 19:43	CS	EET MID

Client Sample ID: C-30 6
Date Collected: 01/30/26 12:04
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-8
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			5.00 g	5 mL	130948	02/05/26 12:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131136	02/08/26 05:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/08/26 05:53	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 20:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 20:23	SA	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 19:48	CS	EET MID

Client Sample ID: C-35 A 0-2
Date Collected: 01/29/26 12:15
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-9
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			5.05 g	5 mL	131147	02/07/26 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131138	02/08/26 03:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/08/26 03:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 20:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 20:37	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 19:53	CS	EET MID

Client Sample ID: C-35 B 0-1
Date Collected: 01/29/26 12:22
Date Received: 02/02/26 11:16

Lab Sample ID: 880-67646-10
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			5.00 g	5 mL	131147	02/07/26 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131138	02/08/26 03:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/08/26 03:57	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 20:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 20:52	SA	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 19:58	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Client Sample ID: C-37 A 0-6

Lab Sample ID: 880-67646-11

Date Collected: 01/30/26 10:20

Matrix: Solid

Date Received: 02/02/26 11:16

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	131147	02/07/26 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131138	02/08/26 04:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/08/26 04:18	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 21:07	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 21:07	SA	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 20:04	CS	EET MID

Client Sample ID: C-37 B 0-5

Lab Sample ID: 880-67646-12

Date Collected: 01/30/26 10:25

Matrix: Solid

Date Received: 02/02/26 11:16

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	131147	02/07/26 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131138	02/08/26 04:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/08/26 04:38	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 21:21	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 21:21	SA	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 20:09	CS	EET MID

Client Sample ID: C-37 C 0-4.1

Lab Sample ID: 880-67646-13

Date Collected: 01/30/26 10:32

Matrix: Solid

Date Received: 02/02/26 11:16

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	131147	02/07/26 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131138	02/08/26 04:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/08/26 04:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 21:36	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	130539	02/02/26 11:47	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131006	02/06/26 21:36	SA	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	130577	02/02/26 13:53	SA	EET MID
Soluble	Analysis	300.0		1			130657	02/03/26 20:14	CS	EET MID

Client Sample ID: C-37 D 0-4.1

Lab Sample ID: 880-67646-14

Date Collected: 01/30/26 10:37

Matrix: Solid

Date Received: 02/02/26 11:16

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	131147	02/07/26 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131138	02/08/26 05:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/08/26 05:20	AJ	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
 Project/Site: Raley A #1

Job ID: 880-67646-1
 SDG: 25-0124-01

Client Sample ID: C-37 D 0-4.1

Lab Sample ID: 880-67646-14

Date Collected: 01/30/26 10:37

Matrix: Solid

Date Received: 02/02/26 11:16

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			131194	02/06/26 16:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	130548	02/02/26 12:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131003	02/06/26 16:09	SA	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	130578	02/02/26 13:55	SA	EET MID
Soluble	Analysis	300.0		1			130675	02/03/26 20:51	CS	EET MID

Client Sample ID: C-29 5

Lab Sample ID: 880-67646-15

Date Collected: 01/30/26 11:54

Matrix: Solid

Date Received: 02/02/26 11:16

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	131147	02/07/26 16:24	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	131138	02/08/26 05:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			131243	02/08/26 05:40	AJ	EET MID
Total/NA	Analysis	8015 NM		1			131194	02/06/26 16:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10.00 mL	130548	02/02/26 12:30	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	131003	02/06/26 16:54	SA	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	130578	02/02/26 13:55	SA	EET MID
Soluble	Analysis	300.0		1			130675	02/03/26 21:12	CS	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

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	06-30-26
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

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

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- 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:

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



Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Raley A #1

Job ID: 880-67646-1
SDG: 25-0124-01

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-67646-1	C-5 2	Solid	01/28/26 12:15	02/02/26 11:16	New Mexico
880-67646-2	C-6 2	Solid	01/28/26 12:27	02/02/26 11:16	New Mexico
880-67646-3	C-19 2	Solid	01/28/26 12:50	02/02/26 11:16	New Mexico
880-67646-4	C-27 2	Solid	01/28/26 13:08	02/02/26 11:16	New Mexico
880-67646-5	C-28 3	Solid	01/29/26 09:05	02/02/26 11:16	New Mexico
880-67646-6	C-32 4	Solid	01/29/26 10:30	02/02/26 11:16	New Mexico
880-67646-7	C-31 5	Solid	01/29/26 10:42	02/02/26 11:16	New Mexico
880-67646-8	C-30 6	Solid	01/30/26 12:04	02/02/26 11:16	New Mexico
880-67646-9	C-35 A 0-2	Solid	01/29/26 12:15	02/02/26 11:16	New Mexico
880-67646-10	C-35 B 0-1	Solid	01/29/26 12:22	02/02/26 11:16	New Mexico
880-67646-11	C-37 A 0-6	Solid	01/30/26 10:20	02/02/26 11:16	New Mexico
880-67646-12	C-37 B 0-5	Solid	01/30/26 10:25	02/02/26 11:16	New Mexico
880-67646-13	C-37 C 0-4.1	Solid	01/30/26 10:32	02/02/26 11:16	New Mexico
880-67646-14	C-37 D 0-4.1	Solid	01/30/26 10:37	02/02/26 11:16	New Mexico
880-67646-15	C-29 5	Solid	01/30/26 11:54	02/02/26 11:16	New Mexico

- 1
- 2
- 3
- 4
- 5
- 6
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No. 3645

CHAIN-OF-CUSTODY

507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901



DATE: 2/2/26 PAGE 1 OF 2
 PO#: _____ LAB WORK ORDER#: 107040
 PROJECT LOCATION OR NAME: Ruby A #1
 LAI PROJECT #: 25-0124-01 COLLECTOR: DS4

Data Reported to:

TRRP report?
 Yes No

TIME ZONE:
 Time zone/State:
WMT / NM

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers
C-5 2		1128124	1215	S	1
C-4 2			1221		
C-19 2			1230		
C-21 2			1205		
C-28 3		1129124	0905		
C-32 4			1030		
C-31 5			1042		
C-30 5			1047		
C-35 A 0-2			1215		
C-35 B 0-1			1222		
C-39 A 0-4		1130124	1070		
C-39 B 0-5			1025		
C-39 C 0-4.1			1032		
C-39 D 0-4.1			1037		
C-29 5			1154		
TOTAL	15				

PRESERVATION	
HCl	<input type="checkbox"/>
HNO ₃	<input type="checkbox"/>
H ₂ SO ₄ / NaOH	<input type="checkbox"/>
ICE	<input checked="" type="checkbox"/>
UNPRESERVED	<input type="checkbox"/>

ANALYSES	
TRPH 418.1	<input checked="" type="checkbox"/>
DIESEL - MOD 8015	<input checked="" type="checkbox"/>
OIL - MOD 8015	<input checked="" type="checkbox"/>
VOC 8260	<input checked="" type="checkbox"/>
8081 PESTICIDES	<input checked="" type="checkbox"/>
8082 PCBs	<input checked="" type="checkbox"/>
TCLP METALS (RCRA)	<input checked="" type="checkbox"/>
TCLP - PEST	<input checked="" type="checkbox"/>
LEAD - METALS (RCRA)	<input checked="" type="checkbox"/>
RUI - TOX	<input checked="" type="checkbox"/>
TDS	<input checked="" type="checkbox"/>
EXPLOSIVES	<input checked="" type="checkbox"/>
CHLORIDE / ANIONS	<input checked="" type="checkbox"/>

ANALYSES	Field Notes
TRPH 418.1	
DIESEL - MOD 8015	
OIL - MOD 8015	
VOC 8260	
8081 PESTICIDES	
8082 PCBs	
TCLP METALS (RCRA)	
TCLP - PEST	
LEAD - METALS (RCRA)	
RUI - TOX	
TDS	
EXPLOSIVES	
CHLORIDE / ANIONS	



880-67646 Chain of Custody

RELINQUISHED BY: (Signature) _____ DATE/TIME: 2/2/26 1116
 RECEIVED BY: (Signature) _____
 RELINQUISHED BY: (Signature) _____ DATE/TIME: _____
 RECEIVED BY: (Signature) _____
 RELINQUISHED BY: (Signature) _____ DATE/TIME: _____
 RECEIVED BY: (Signature) _____

LABORATORY USE ONLY:
 RECEIVING TEMP: 4.6/4.7 THERM#: _____
 CUSTODY SEALS - BROKEN INTACT NOT USED
 CARRIER BILL # _____
 HAND DELIVERED

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Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-67646-1

SDG Number: 25-0124-01

Login Number: 67646

List Number: 1

Creator: Vasquez, Julisa

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	

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Appendix F
Photographic Documentation

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Facility Sign, viewing north.



Excavated area, viewing south.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing southwest.



Excavated area, viewing southeast.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing south.



Excavated area, viewing east.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing northeast.



Excavated area, viewing north.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing northwest.



Excavated area, viewing north.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing west.



Excavated area, viewing southwest.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing southwest.



Excavated area, viewing south.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing south.



Excavated area, viewing south.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing northwest.



Excavated area, viewing southeast.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing southeast.



Excavated area, viewing east.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing southeast.



Excavated area, viewing east.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing southeast.



Excavated area, viewing southeast.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing north.



Excavated area, viewing northwest.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing northwest.



Excavated area, viewing northwest.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing west.



Excavated area, viewing east.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Excavated area, viewing west.



Backfilled excavation, viewing northwest.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Backfilled excavation, viewing west.



Backfilled excavation, viewing north.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Backfilled excavation, viewing northeast.



Backfilled excavation, viewing north.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Backfilled excavation, viewing northeast.



Backfilled excavation, viewing east.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Backfilled excavation, viewing southeast.



Backfilled excavation, viewing south.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Backfilled excavation, viewing southeast.



Backfilled excavation, viewing northwest.

Incident ID: nAPP2531648708
Remediation and Closure Report
Raw Oil & Gas - Raley A #1
Crude Oil Release
March 2, 2026



Backfilled excavation, viewing west.



Backfilled excavation, viewing southwest.

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

QUESTIONS

Action 560388

QUESTIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 560388
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Prerequisites	
Incident ID (n#)	nAPP2531648708
Incident Name	NAPP2531648708 RALEY A #1 @ 30-025-27704
Incident Type	Oil Release
Incident Status	Remediation Closure Report Received
Incident Well	[30-025-27704] RALEY A #001

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	RALEY A #1
Date Release Discovered	11/11/2025
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Oil Release
Did this release result in a fire or is the result of a fire	Yes
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Cause: Fire Other (Specify) Crude Oil Released: 29 BBL Recovered: 0 BBL Lost: 29 BBL.
Produced Water Released (bbls) Details	Not answered.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Ben's Hot Oil Service loaded 50 bbls oil and rigged up on the 1

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QUESTIONS, Page 2

Action 560388

QUESTIONS (continued)

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 560388
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	Yes
Reasons why this would be considered a submission for a notification of a major release	From paragraph A. "Major release" determine using: (1) an unauthorized release of a volume, excluding gases, of 25 barrels or more; (2) an unauthorized release of a volume that: (a) results in a fire or is the result of a fire.
<i>With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.</i>	

Initial Response

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

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	Not answered.

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

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

I hereby agree and sign off to the above statement	Name: Maria Roman Title: Administrative Assistant Email: rawoilandgas@raw-energy.net Date: 03/05/2026
--	--

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QUESTIONS, Page 3

Action 560388

QUESTIONS (continued)

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 560388
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Site Characterization

Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1 and 5 (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Greater than 5 (mi.)
A wetland	Between 1 and 5 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	2870
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	0
GRO+DRO (EPA SW-846 Method 8015M)	0
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	11/11/2025
On what date will (or did) the final sampling or liner inspection occur	02/11/2026
On what date will (or was) the remediation complete(d)	02/11/2026
What is the estimated surface area (in square feet) that will be reclaimed	0
What is the estimated volume (in cubic yards) that will be reclaimed	0
What is the estimated surface area (in square feet) that will be remediated	13679
What is the estimated volume (in cubic yards) that will be remediated	672

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed.

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 560388

QUESTIONS (continued)

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 560388
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	fEEM0112339187 J&L LANDFARM
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

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

I hereby agree and sign off to the above statement	Name: Maria Roman Title: Administrative Assistant Email: rawoilandgas@raw-energy.net Date: 03/05/2026
--	--

The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 560388

QUESTIONS (continued)

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 560388
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

Action 560388

QUESTIONS (continued)

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 560388
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Sampling Event Information	
Last sampling notification (C-141N) recorded	545937
Sampling date pursuant to Subparagraph (a) of Paragraph (1) of Subsection D of 19.15.29.12 NMAC	01/30/2026
What was the (estimated) number of samples that were to be gathered	14
What was the sampling surface area in square feet	5600

Remediation Closure Request	
<i>Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.</i>	
Requesting a remediation closure approval with this submission	Yes
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No
All areas reasonably needed for production or subsequent drilling operations have been stabilized, returned to the sites existing grade, and have a soil cover that prevents ponding of water, minimizing dust and erosion	Yes
What was the total surface area (in square feet) remediated	13680
What was the total volume (cubic yards) remediated	1172
All areas not reasonably needed for production or subsequent drilling operations have been reclaimed to contain a minimum of four feet of non-waste contain earthen material with concentrations less than 600 mg/kg chlorides, 100 mg/kg TPH, 50 mg/kg BTEX, and 10 mg/kg Benzene	Yes
What was the total surface area (in square feet) reclaimed	0
What was the total volume (in cubic yards) reclaimed	0
Summarize any additional remediation activities not included by answers (above)	none

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

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

I hereby agree and sign off to the above statement	Name: Maria Roman Title: Administrative Assistant Email: rawoilandgas@raw-energy.net Date: 03/05/2026
--	--

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QUESTIONS, Page 7

Action 560388

QUESTIONS (continued)

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 560388
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

QUESTIONS

Reclamation Report	
<i>Only answer the questions in this group if all reclamation steps have been completed.</i>	
Requesting a reclamation approval with this submission	No

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CONDITIONS

Action 560388

CONDITIONS

Operator: RAW OIL & GAS, INC. 1415 Buddy Holly Ave Lubbock, TX 79401	OGRID: 371846
	Action Number: 560388
	Action Type: [C-141] Remediation Closure Request C-141 (C-141-v-Closure)

CONDITIONS

Created By	Condition	Condition Date
michael.buchanan	Remediation closure is approved.	3/17/2026
michael.buchanan	The reclamation report will need to include: Executive Summary of the reclamation activities; Scaled Site Map including sampling locations; Analytical results including, but not limited to, results showing that any remaining impacts meet the reclamation standards and results to prove the backfill is non-waste containing; At least one (1) representative 5-point composite sample will need to be collected from the backfill material that will be used for the reclamation of the top four feet of the excavation. The OCD reserves the right to request additional sampling if needed; pictures of the backfilled areas showing that the area is back, as nearly as practical, to the original condition or the final land use and maintain those areas to control dust and minimize erosion to the extent practical; pictures of the top layer, which is either the background thickness of topsoil or one foot of suitable material to establish vegetation at the site, whichever is greater; and a revegetation plan.	3/17/2026
michael.buchanan	A reclamation report will not be accepted until reclamation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	3/17/2026
michael.buchanan	All revegetation activities will need to be documented and included in the revegetation report. The revegetation report will need to include: An executive summary of the revegetation activities including: Seed mix, Method of seeding, dates of when the release area was reseeded, information pertinent to inspections, information about any amendments added to the soil, information on how the vegetative cover established meets the life-form ratio of plus or minus fifty percent of pre-disturbance levels and a total percent plant cover of at least seventy percent of pre-disturbance levels, excluding noxious weeds per 19.15.29.13 D.(3) NMAC, and any additional information; a scaled Site Map including area that was revegetated in square feet; and pictures of the revegetated areas during reseeding activities, inspections, and final pictures when revegetation is achieved.	3/17/2026
michael.buchanan	A revegetation report will not be accepted until revegetation of the release area, including areas reasonably needed for production or drilling activities, is complete and meet the requirements of 19.15.29.13 NMAC. Areas not reasonably needed for production or drilling activities will still need to be reclaimed and revegetated as early as practicable.	3/17/2026
michael.buchanan	Per 19.15.29.13 E. NMAC, if a reclamation and revegetation report has been submitted to the surface owner, it may be used if the requirements of the surface owner provide equal or better protection of freshwater, human health, and the environment. A copy of the approval of the reclamation and revegetation report from the surface owner and a copy of the approved reclamation and revegetation report will need to be submitted to the OCD via the Permitting website.	3/17/2026