Form C-141
Page 3

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2209746512
District RP	
Facility ID	
Application ID	

Site Assessment/Characterization

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

What is the shallowest depth to groundwater beneath the area affected by the release?	>101.5 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☒ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☒ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☒ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☒ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☒ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☒ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☒ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☒ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☒ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☐ Yes ☒ No

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

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

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

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

Form C-141
Page 4

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Oil Conservation Division

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

Printed Name: Amy Barnhill Title: Waste and Water Specialist

Signature: Amy Barnhill Date: 8-1-22

email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: Jocelyn Harimon Date: 08/01/2022

State of New Mexico
Oil Conservation Division

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Remediation Plan

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

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

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

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

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

Printed Name: Amy Barnhill Title: Waste and Water Specialist

Signature: Amy Barnhill Date: 8-1-22

email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: Jocelyn Harimon Date: 08/01/2022

- [x] Approved
- [ ] Approved with Attached Conditions of Approval
- [ ] Denied
- [ ] Deferral Approved

Signature: Jennifer Nobui Date: 08/03/2022

Tracking Number(s): nAPP2209746512
Delineation Report and Remediation Plan
Salado Draw Water Loop Line
Produced Water Release
Lea County, New Mexico

Latitude: N 32.02301928°
Longitude: W -103.62820115°

LAI Project No. 22-0105-07

July 28, 2022

Prepared for:
Chevron USA Inc.
6301 Deauville Blvd.
Midland, Texas 79706

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

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

Robert Nelson
Sr. Geoscientist

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Contents

Tables

Figures

Appendices

1.0 INTRODUCTION

Larson & Associates, Inc. (LAI), has prepared this delineation report and remediation plan on behalf of Chevron USA Inc. (Chevron) for submittal to the New Mexico Oil Conservation Division (NMOCD) District I for a produced water release at the Salado Draw Water Loop Line (Site) located in Unit O (SW/4 of SE/4), Section 24, Township 26 South, Range 32 East in Lea County, New Mexico. The geodetic position is North 32.02301928° and West -103.62820115°. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

1.1 Background

The release was discovered on March 29, 2022, due to an unknown failure on an underground transition piece. Chevron reported that 65.187 barrels (bbls) of produced water was released with none recovered. The affected area measures approximately 5,613 square feet. The initial C-141 was submitted to NMOCD District I on April 7, 2022. The release was assigned incident number nAPP2209746512. Appendix A presents the Chevron spill calculation and spill map.

1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 3,138 feet above mean sea level (MSL).
- The surface elevation gradually decreases to the southeast.
- There are no surface water features within 1,000 feet of the Site.
- Karst data provided by the USGS describes the Site as “Medium Risk” potential.
- The geology consists of the Quaternary age- sand and silt in sheets and locally includes cover sand (USGS).
- The soils are designated as Pyote soils and Dune land, consisting of 0 to 30 inches fine sand, underlain by 30 to 60 inches of fine sandy loam.
- Groundwater occurs at a depth greater than 101.5 feet below ground surface (bgs) based on depth to groundwater measurements taken 72 hours after installing a boring (SB-1) on April 14, 2020, approximately 0.40 miles or 2,154 feet northwest from the Site.

Appendix B presents USGS data depicting karst risk potential. Appendix C presents the soil boring log. Figure 3 presents the soil boring location.

1.3 Remediation Standards

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

- Benzene 10 mg/Kg
- BTEX 50 mg/Kg
- TPH 2,500 mg/Kg
- Chloride 20,000 mg/Kg

2.0 DELINEATION

On April 20, 2022, LAI personnel used a stainless-steel hand auger to collect soil samples from eleven (11) locations inside the spill area (S-1 through S-11) and four (4) locations outside of the spill area in each cardinal direction of the spill (S-12 through S-15). The samples were collected at approximately 0.5 and 1-foot bgs. The samples were delivered under chain of custody and preservation to Eurofins-Xenco Laboratories (Xenco) in Midland, Texas, which analyzed the samples for benzene, toluene, ethylbenzene, and xylenes (BTEX) and total petroleum hydrocarbons (TPH), including gasoline range organics (C6-C12), diesel range organics (>C12-C28) and oil range organics (>C28-C35), and chloride by EPA SW-846 Methods 8021B and 8015M, and M300, respectively.

Benzene, BTEX and TPH were reported below the NMOCD remediation standards in Table 1 (19.15.29 NMAC) of 10 milligrams per kilogram (mg/Kg), 50 mg/Kg, and 100 mg/Kg, respectively. Chloride exceeded the NMOCD delineation limit of 600 mg/Kg in the following samples:

Sample ID	Depth (Feet)	Chloride Concentration (mg/Kg)
S-2	0.5	887
S-3	0.5	5,020
S-3	1	4,340
S-4	0.5	6,000
S-4	1	4,650
S-8	0.5	3,320
S-8	1	4,970
S-10	0.5	2,730
S-10	1	3,340
S-11	0.5	3,580
S-11	1	4,290

On June 29, 2022, LAI personnel used a Geoprobe® 7822DT direct push rig to further delineate five (5) sample locations (S-3, S-4, S-8, S-10, and S-11) and four (4) additional samples locations (S-16, S-17, S-18, and S-19) to complete the vertical delineation. The laboratory results demonstrate the release was delineated according to the NMOCD remediation and closure requirements (19.15.29.12 NMAC Table 1) for groundwater greater than 100 feet bgs. Table 1 presents the delineation soil sample analytical data summary. Figure 2 presents an aerial map showing the sample locations. Appendix D presents the laboratory report.

3.0 REMEDIATION PLAN

Chevron proposes the following remedial actions:

- Excavate soil from an area measuring approximately 210 square feet encompassing S-2 to a depth of 1-foot bgs.
- Excavate soil from an area measuring approximately 1,599 square feet encompassing S-3, S-4, S-5, S-10, and S-11 to a depth of 1.5 feet bgs.

- Excavate soil from an area measuring approximately 4,448 square feet encompassing S-16, S-17, S-18, and S-19 to a depth of 4.1 feet bgs.
- Collect five (5) point composite bottom and sidewall confirmation soil samples every 200 square feet and analyze for BTEX, TPH and chloride.
- Backfill excavation with clean topsoil within the pipeline right of way assuming achievement of NMOCD remediation levels.
- Prepare report with photographs for submittal to NMOCD District I.

Figure 4 presents the proposed excavation area.

Tables

Table 1
Delineation Soil Sample Analytical Data Summary
Salado Draw Water Loop Line
Lea County, New Mexico
32° 01' 21.38" North, 103° 37' 40.94" West

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C10 (mg/Kg)	C10 - C28 (mg/Kg)	C28 - C36 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
S-1	0.5	4/20/2022	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	32.7
	1	4/20/2022	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	13.4
S-2	0.5	4/20/2022	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	**887**
	1	4/20/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	471
S-3	0.5	4/20/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	**5,020**
	1	4/20/2022	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	**4,340**
	1	6/29/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	59.0
	3	6/29/2022	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	71.8
	5	6/29/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	13.6
	10	6/29/2022	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	21.4
S-4	0.5	4/20/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	**6,000**
	1	4/20/2022	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	**4,650**
	1	6/29/2022	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	27.7
	3	6/29/2022	In-Situ	<0.00198	<0.00398	<49.9	<49.9	<49.9	<49.9	15.2
	5	6/29/2022	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	19.3
	10	6/29/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	5.94
S-5	0.5	4/20/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	350
	1	4/20/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	15.9
S-6	0.5	4/20/2022	In-Situ	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	15.9
	1	4/20/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	13.7
S-7	0.5	4/20/2022	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	9.71

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Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C10 (mg/Kg)	C10 - C28 (mg/Kg)	C28 - C36 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
	1	4/20/2022	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	8.10
S-8	0.5	4/20/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	**3,320**
	1	4/20/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	**4,970**
	1	6/29/2022	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	13.1
	3	6/29/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	22.8
	5	6/29/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	13.3
	10	6/29/2022	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	5.99
S-9	0.5	4/20/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	15.6
	1	4/20/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	<5.00
S-10	0.5	4/20/2022	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	**2,730**
	1	4/20/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	**3,340**
	1	6/29/2022	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	104
	3	6/29/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	19.1
	5	6/29/2022	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	14.9
	10	6/29/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	7.24
S-11	0.5	4/20/2022	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	**3,580**
	1	4/20/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	**4,290**
	1	6/29/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	181
	3	6/29/2022	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	6.51
	5	6/29/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	5.40
	10	6/29/2022	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	13,600
S-12	0.5	4/20/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	54.9

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Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
	1	4/20/2022	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	27.6
S-13	0.5	4/20/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	22.0
	1	4/20/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<4.99
S-14	0.5	4/20/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<5.00
	1	4/20/2022	In-Situ	<0.000199	<0.00398	<50.0	<50.0	<50.0	<50.0	<4.95
S-15	0.5	4/20/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	6.70
	1	4/20/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<4.99
S-16	1	6/29/2022	In-Situ	<0.00198	<0.00396	<49.8	<49.8	<49.8	<49.98	80.6
	3	6/29/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	**4,780**
	5	6/29/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	52.6	52.6	3,670
	10	6/29/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	3,650
S-17	1	6/29/2022	In-Situ	<0.00198	<0.00396	84.1	<50.0	<50.0	<50.0	**5,670**
	3	6/29/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	**2,070**
	5	6/29/2022	In-Situ	<0.00198	<0.00397	57.2	<49.9	<49.9	57.2	4,970
	10	6/29/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	9,270
S-18	1	6/29/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	**3,850**
	3	6/29/2022	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	**9,320**
	5	6/29/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	5,320
	10	6/29/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	28.4
S-19	1	6/29/2022	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	28.3

Table 1

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Lea County, New Mexico

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Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C10 (mg/Kg)	C10 - C28 (mg/Kg)	C28 - C36 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
	3	6/29/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	**6,300**
	5	6/29/2022	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	13,100
	10	6/29/2022	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	3,090

Notes: Analysis performed by Xenco Laboratories (Xenco) in Midland, Texas by EPA SW-846 8021B (BTEX), 8015M (TPH), and 300E (Chloride)
Depth in feet below ground surface (bgs)
mg/Kg: milligrams per kilogram equivalent to parts per million (ppm)
<: denotes concentration less than analytical method reporting limit
Bold and Highlighted exceeds OCD remediation action limits

Figures

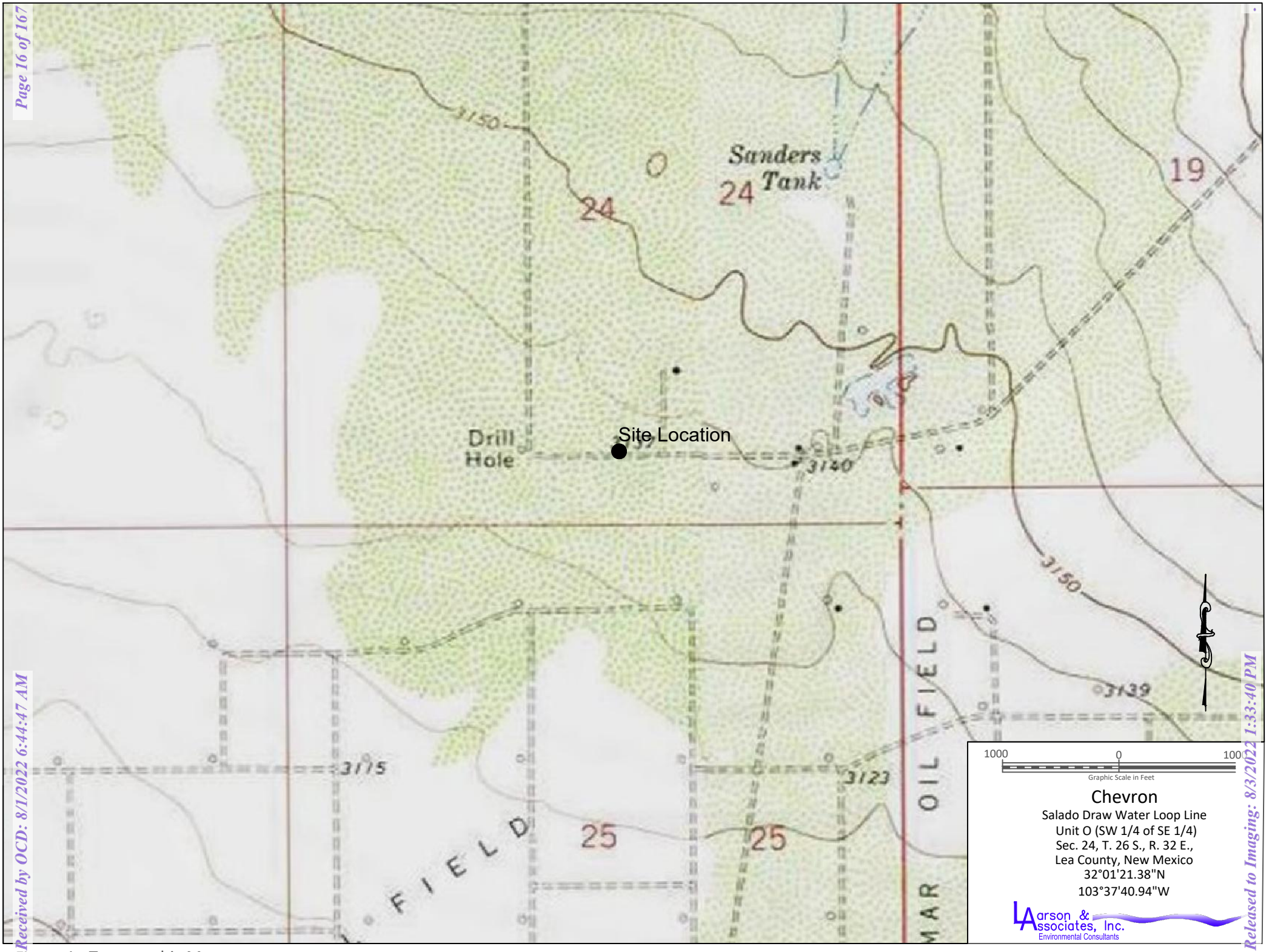

Figure 1 - Topographic Map

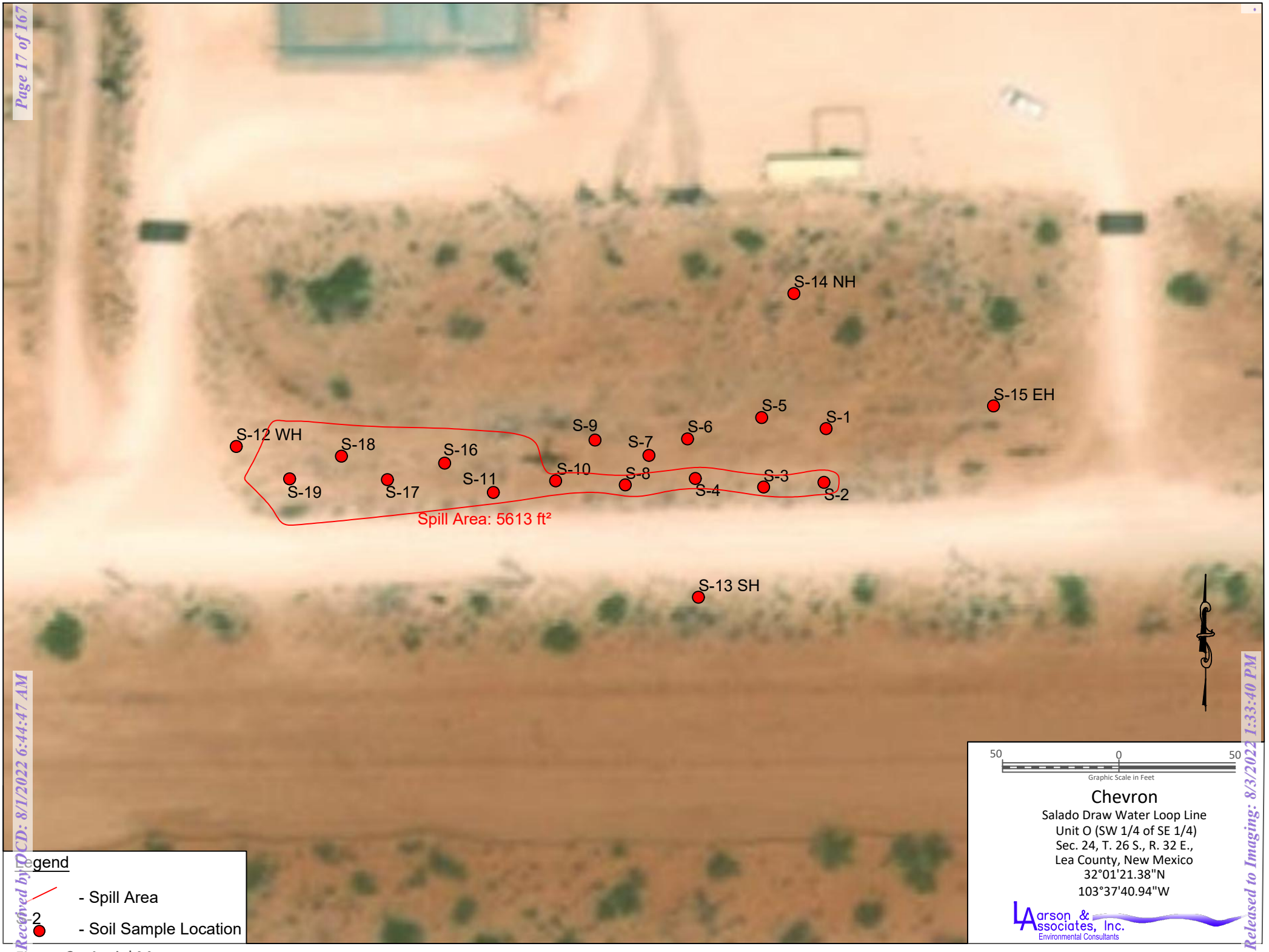

Figure 2 - Aerial Map

Figure 3 - Aerial Map Showing Soil Boring Location

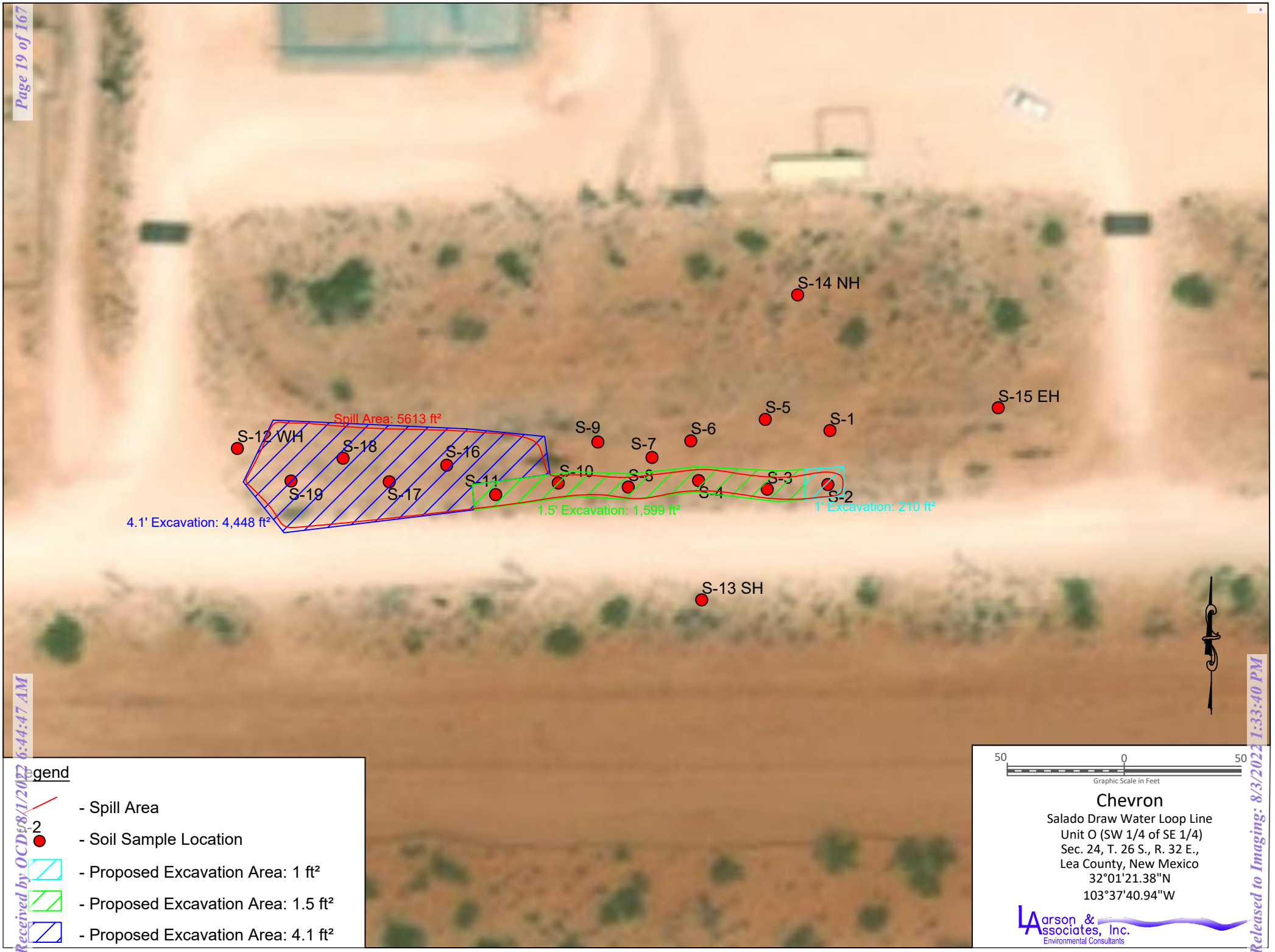

Figure 4 - Aerial Map Showing Proposed Excavation Areas

Appendix A

Chevron Initial C-141

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

State of New Mexico
Energy Minerals and Natural Resources Department

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

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

Incident ID	nAPP2209746512
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: Chevron USA	OGRID: 4323
Contact Name: Amy Barnhill	Contact Telephone: 432-687-7108
Contact email: ABarnhill@chevron.com	Incident # *(assigned by OCD)*
Contact mailing address: 6301 Deauville Blvd Midland, Tx 79706	

Location of Release Source

Latitude 32.02301928 Longitude -103.62820115
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Salado Draw 24 CTB	Site Type: Oil
Date Release Discovered: 3-29-22	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
O	24	26S	32E	Lea

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

Nature and Volume of Release

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

☐ Crude Oil	Volume Released (bbls)	Volume Recovered (bbls)
☒ Produced Water	Volume Released (bbls) 65.187	Volume Recovered (bbls) 0
	Is the concentration of dissolved chloride in the produced water >10,000 mg/l?	☐ Yes ☐ No
☐ Condensate	Volume Released (bbls)	Volume Recovered (bbls)
☐ Natural Gas	Volume Released (Mcf)	Volume Recovered (Mcf)
☐ Other (describe)	Volume/Weight Released (provide units)	Volume/Weight Recovered (provide units)
Cause of Release: Unknown failure on underground transition piece.		

Form C-141
Page 2

State of New Mexico
Oil Conservation Division

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Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Over 25 bbls
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Amy Barnhill emailed Mike Bratcher on 3-29-22 at 12:45 pm	

Initial Response

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

☒ The source of the release has been stopped.
☒ The impacted area has been secured to protect human health and the environment.
☒ Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.
☒ All free liquids and recoverable materials have been removed and managed appropriately.

If all the actions described above have not been undertaken, explain why:

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

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

Printed Name: Amy Barnhill Title: Water Specialist

Signature: Amy Barnhill Date: 4-7-22

email: ABarnhill@chevron.com Telephone: 432-687-7108

OCD Only

Received by: Date:

Incident ID	nAPP2209746512
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Spill Calculations:

Area 1
Shape: Rectangle
Secondary Containment?: No
Standing Liquid Dimensions: 96 ft x 10 ft x 3
Total Volume: 55.569 bbl
Water Cut: 100 %
Oil Volume:.000 bbl
Penetration Depth: 6 in
Fluid to Soil Volume: 12.824 bbl
Water Volume: 55.569 bbl

Area 2
Shape:Rectangle
Secondary Containment?: No
Standing Liquid Dimensions: 24 ft x 15 ft x in
Total Volume: 9.618 bbl
Water Cut: 100%
Oil Volume: .000 bbl
Penetration Depth: 12 in
Volume to Soil Volume: 9.618 bbl
Water Volume: 9.618 bbl

Incident ID	nAPP2209746512
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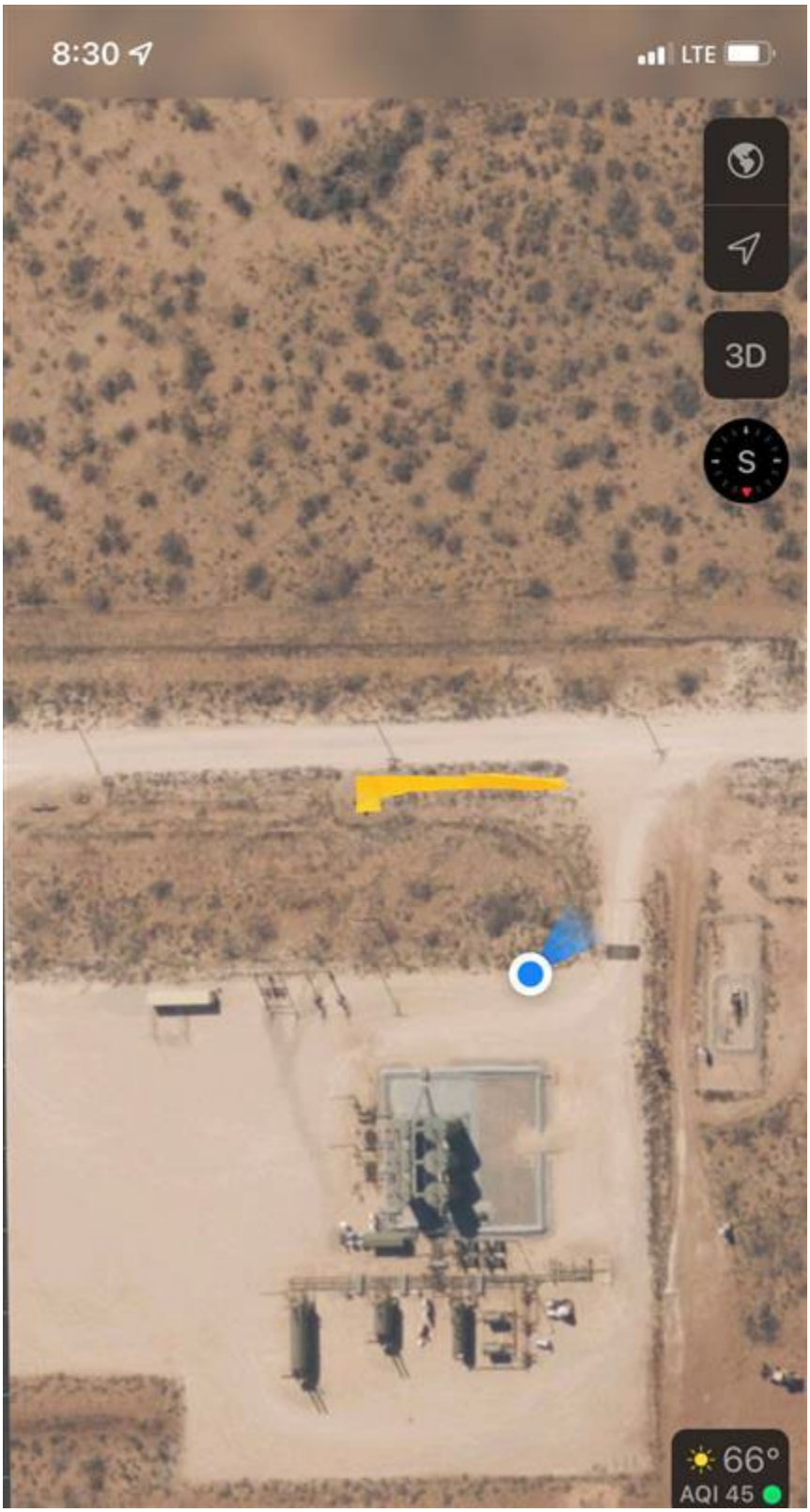

Appendix B

Karst Risk Potential


Medium
Salado Draw Water Loop Line

Appendix C

Soil Boring Log

BORING RECORD

Start: 10:35 MDT
Finish: 15:15

GEOLOGIC UNIT	DEPTH	DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG
	0–5	Silty Sand, 5YR 5/4, Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted, Dry	ML	
	5–25	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted, Dry	Caliche	
	25–30	Silty Sand, 5YR 5/4, Reddish Brown, Fine Grained Quartz Sand with Caliche Clasts (~10mm), Poorly Sorted	ML	
	30–39	Caliche, 2.5YR 8/3, Pink, Very Fine Grained, Poorly Sorted with Subangular Clasts (~10mm)	Caliche	
	39–60	Silty Sand, 5YR 6/4, Light Reddish Brown, Very Fine Grained Quartz Sand, Poorly Sorted with Subangular Caliche Clasts (~10mm)	ML	

PID READING: PPM X 1 (2 4 6 8 10 12 14 16 18)

SAMPLE NUMBER	PID READING	RECOVERY	DEPTH
1			5–7
2			25
3			30
4			39

REMARKS: BACKGROUND PID READING
SOIL : _____ PPM
SOIL : _____ PPM

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 : Chevron/ 19-0180-01
HOLE DIAMETER : 2"
LOCATION : Salado Draw 24 CTB
LAI GEOLOGIST : E. Chavez
DRILLING CONTRACTOR : Scarborough
DRILLING METHOD : Air Rotary

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 04-14-2020

BORING NUMBER : SB-01

BORING RECORD

Start: 10:35 MDT
Finish: 15:15

GEOLOGIC UNIT	DEPTH	DESCRIPTION LITHOLOGIC	DESCRIPTION USCS	GRAPHIC LOG	PID READING (PPM X 1)	SAMPLE NUMBER	SAMPLE PID READING	SAMPLE RECOVERY	SAMPLE DEPTH	REMARKS BACKGROUND PID READING
	65	Silty Sand, 5YR 5/6, Yellowish Red, Very Fine Grained, Poorly Sorted with Subangular Caliche and Black Chert Clasts (~0.5mm)	ML			5			66	SOIL : PPM SOIL : PPM
	70								70	
	75								75	
	80								80	
	85								85	
	90	Silty Sand, 5YR 4/6, Yellowish Red, Fine Grained, Poorly Sorted with Subangular Caliche (~2mm)	ML						90	
	95								95	
	100	TD:101.5' *Dry After 72 Hours*				6			100 101.5	
	105								105	

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

Larson & Associates, Inc. Environmental Consultants

DRILL DATE : 04-14-2020
BORING NUMBER : SB-01

JOB NUMBER : Chevron/ 19-0180-01
HOLE DIAMETER : 2"
LOCATION : Salado Draw 24 CTB
LAI GEOLOGIST : E. Chavez
DRILLING CONTRACTOR : Scarborough
DRILLING METHOD : Air Rotary

Appendix D

Laboratory Reports

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-13940-1
Laboratory Sample Delivery Group: 22-0105-07
Client Project/Site: Salado Draw Water Loop Line

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

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
5/4/2022 3:47:43 PM

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

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

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

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Laboratory Job ID: 880-13940-1
SDG: 22-0105-07

Table of Contents

Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-13940-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
S1+	Surrogate recovery exceeds control limits, 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. Job ID: 880-13940-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

Job ID: 880-13940-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-13940-1

Receipt
The samples were received on 4/21/2022 9:08 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 0.2°C

GC VOA
Method 8021B: The laboratory control sample (LCS) for preparation batch 880-24317 and analytical batch 880-24740 recovered outside control limits for the following analytes: o-Xylene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-24317 and analytical batch 880-24740 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

GC Semi VOA
Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-24167 and analytical batch 880-24215 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-24167/3-A). Evidence of matrix interferences is not obvious.

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

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-1 0.5

Date Collected: 04/20/22 12:30
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-1

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 04:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 04:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 04:27	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/26/22 16:00	05/03/22 04:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 04:27	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		04/26/22 16:00	05/03/22 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*04/26/22 16:00*	*05/03/22 04:27*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/26/22 16:00*	*05/03/22 04:27*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/25/22 21:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/25/22 21:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/25/22 21:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/22/22 16:37*	*04/25/22 21:48*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/22/22 16:37*	*04/25/22 21:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**32.7**		5.05		mg/Kg			04/27/22 22:33	1

Client Sample ID: S-1 1

Date Collected: 04/20/22 12:35
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-2

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 04:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 04:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 04:53	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/26/22 16:00	05/03/22 04:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 04:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/26/22 16:00	05/03/22 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/26/22 16:00*	*05/03/22 04:53*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/26/22 16:00*	*05/03/22 04:53*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-1 1

Date Collected: 04/20/22 12:35
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-2

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 22:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 22:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 22:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/22/22 16:37*	*04/25/22 22:50*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*04/22/22 16:37*	*04/25/22 22:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.4**		4.98		mg/Kg			04/27/22 23:02	1

Client Sample ID: S-2 0.5

Date Collected: 04/20/22 12:40
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-3

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/26/22 16:00	05/03/22 05:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/26/22 16:00	05/03/22 05:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/26/22 16:00	05/03/22 05:19	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		04/26/22 16:00	05/03/22 05:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/26/22 16:00	05/03/22 05:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		04/26/22 16:00	05/03/22 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/26/22 16:00*	*05/03/22 05:19*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/26/22 16:00*	*05/03/22 05:19*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 23:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 23:10	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-2 0.5

Date Collected: 04/20/22 12:40
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 23:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*04/22/22 16:37*	*04/25/22 23:10*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*04/22/22 16:37*	*04/25/22 23:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**887**		5.02		mg/Kg			04/27/22 23:11	1

Client Sample ID: S-2 1

Date Collected: 04/20/22 12:45
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-4

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/26/22 16:00	05/03/22 05:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/26/22 16:00	05/03/22 05:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/26/22 16:00	05/03/22 05:44	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/26/22 16:00	05/03/22 05:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/26/22 16:00	05/03/22 05:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/26/22 16:00	05/03/22 05:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/26/22 16:00*	*05/03/22 05:44*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/26/22 16:00*	*05/03/22 05:44*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 23:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 23:31	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/22/22 16:37*	*04/25/22 23:31*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/22/22 16:37*	*04/25/22 23:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**471**		4.98		mg/Kg			04/27/22 23:40	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-3 0.5

Date Collected: 04/20/22 12:50
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/26/22 16:00	05/03/22 06:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/26/22 16:00	05/03/22 06:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/26/22 16:00	05/03/22 06:10	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/26/22 16:00	05/03/22 06:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		04/26/22 16:00	05/03/22 06:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		04/26/22 16:00	05/03/22 06:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*04/26/22 16:00*	*05/03/22 06:10*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*04/26/22 16:00*	*05/03/22 06:10*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/25/22 23:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/25/22 23:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/25/22 23:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/22/22 16:37*	*04/25/22 23:51*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/22/22 16:37*	*04/25/22 23:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5020**		24.8		mg/Kg			04/27/22 23:50	5

Client Sample ID: S-3 1

Date Collected: 04/20/22 12:55
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-6

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 07:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 07:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 07:58	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/26/22 16:00	05/03/22 07:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 07:58	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/26/22 16:00	05/03/22 07:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*04/26/22 16:00*	*05/03/22 07:58*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*04/26/22 16:00*	*05/03/22 07:58*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-3 1

Date Collected: 04/20/22 12:55
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-6

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 00:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 00:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/22/22 16:37*	*04/26/22 00:11*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/22/22 16:37*	*04/26/22 00:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4340**		24.9		mg/Kg			04/28/22 00:00	5

Client Sample ID: S-4 0.5

Date Collected: 04/20/22 13:00
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-7

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 08:25	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 08:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 08:25	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/26/22 16:00	05/03/22 08:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 08:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/26/22 16:00	05/03/22 08:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/26/22 16:00*	*05/03/22 08:25*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*04/26/22 16:00*	*05/03/22 08:25*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 00:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 00:31	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-4 0.5

Date Collected: 04/20/22 13:00
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/22/22 16:37*	*04/26/22 00:31*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/22/22 16:37*	*04/26/22 00:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6000**		49.7		mg/Kg			04/28/22 00:09	10

Client Sample ID: S-4 1

Date Collected: 04/20/22 13:05
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-8

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 08:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 08:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 08:52	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/26/22 16:00	05/03/22 08:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 08:52	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/26/22 16:00	05/03/22 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*04/26/22 16:00*	*05/03/22 08:52*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/26/22 16:00*	*05/03/22 08:52*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 00:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 00:52	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/22/22 16:37*	*04/26/22 00:52*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*04/22/22 16:37*	*04/26/22 00:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4650**		24.8		mg/Kg			04/28/22 00:19	5

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-5 0.5

Date Collected: 04/20/22 13:10
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-9

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 09:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 09:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 09:19	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/26/22 16:00	05/03/22 09:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 09:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/26/22 16:00	05/03/22 09:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/26/22 16:00*	*05/03/22 09:19*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*04/26/22 16:00*	*05/03/22 09:19*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 01:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 01:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*04/22/22 16:37*	*04/26/22 01:12*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/22/22 16:37*	*04/26/22 01:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**350**		5.04		mg/Kg			04/28/22 00:28	1

Client Sample ID: S-5 1

Date Collected: 04/20/22 13:15
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-10

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 09:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 09:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 09:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/26/22 16:00	05/03/22 09:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 09:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		04/26/22 16:00	05/03/22 09:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*04/26/22 16:00*	*05/03/22 09:45*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/26/22 16:00*	*05/03/22 09:45*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-5 1

Date Collected: 04/20/22 13:15
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-10

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 01:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 01:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 01:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/22/22 16:37*	*04/26/22 01:33*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/22/22 16:37*	*04/26/22 01:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.9**		4.98		mg/Kg			04/28/22 00:38	1

Client Sample ID: S-6 0.5

Date Collected: 04/20/22 13:20
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-11

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		04/26/22 16:00	05/03/22 10:12	1
Toluene	<0.00198	U	0.00198		mg/Kg		04/26/22 16:00	05/03/22 10:12	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		04/26/22 16:00	05/03/22 10:12	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		04/26/22 16:00	05/03/22 10:12	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		04/26/22 16:00	05/03/22 10:12	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		04/26/22 16:00	05/03/22 10:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*04/26/22 16:00*	*05/03/22 10:12*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/26/22 16:00*	*05/03/22 10:12*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 02:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 02:14	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-6 0.5

Date Collected: 04/20/22 13:20
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-11

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 02:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/22/22 16:37*	*04/26/22 02:14*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/22/22 16:37*	*04/26/22 02:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.9**		5.00		mg/Kg			04/28/22 09:09	1

Client Sample ID: S-6 1

Date Collected: 04/20/22 13:25
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-12

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 10:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 10:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 10:39	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/26/22 16:00	05/03/22 10:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		04/26/22 16:00	05/03/22 10:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		04/26/22 16:00	05/03/22 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*04/26/22 16:00*	*05/03/22 10:39*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/26/22 16:00*	*05/03/22 10:39*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 02:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 02:35	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/22/22 16:37*	*04/26/22 02:35*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/22/22 16:37*	*04/26/22 02:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.7**		5.04		mg/Kg			04/28/22 09:36	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-7 0.5

Date Collected: 04/20/22 13:30
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-13

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 11:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 11:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 11:06	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/26/22 16:00	05/03/22 11:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 11:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/26/22 16:00	05/03/22 11:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*04/26/22 16:00*	*05/03/22 11:06*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*04/26/22 16:00*	*05/03/22 11:06*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 02:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 02:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 02:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/22/22 16:37*	*04/26/22 02:55*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/22/22 16:37*	*04/26/22 02:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.71**		4.98		mg/Kg			04/28/22 09:45	1

Client Sample ID: S-7 1

Date Collected: 04/20/22 13:35
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-14

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 11:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 11:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 11:32	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/26/22 16:00	05/03/22 11:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		04/26/22 16:00	05/03/22 11:32	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		04/26/22 16:00	05/03/22 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*04/26/22 16:00*	*05/03/22 11:32*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/26/22 16:00*	*05/03/22 11:32*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-7 1

Date Collected: 04/20/22 13:35
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-14

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 03:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 03:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 03:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*04/22/22 16:37*	*04/26/22 03:16*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/22/22 16:37*	*04/26/22 03:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.10**		5.02		mg/Kg			04/28/22 09:53	1

Client Sample ID: S-8 0.5

Date Collected: 04/20/22 13:40
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-15

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 11:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 11:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 11:59	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/26/22 16:00	05/03/22 11:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 11:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		04/26/22 16:00	05/03/22 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*04/26/22 16:00*	*05/03/22 11:59*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/26/22 16:00*	*05/03/22 11:59*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 03:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 03:37	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-8 0.5

Date Collected: 04/20/22 13:40
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-15
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/22/22 16:37*	*04/26/22 03:37*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*04/22/22 16:37*	*04/26/22 03:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3320**		24.8		mg/Kg			04/28/22 10:02	5

Client Sample ID: S-8 1

Date Collected: 04/20/22 13:45
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-16
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1	0.00199		mg/Kg		04/27/22 11:38	05/04/22 05:07	1
Toluene	<0.00199	U F2 F1	0.00199		mg/Kg		04/27/22 11:38	05/04/22 05:07	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		04/27/22 11:38	05/04/22 05:07	1
m,p-Xylenes	<0.00398	U F2 F1	0.00398		mg/Kg		04/27/22 11:38	05/04/22 05:07	1
o-Xylene	<0.00199	U F2 F1 *+ *1	0.00199		mg/Kg		04/27/22 11:38	05/04/22 05:07	1
Xylenes, Total	<0.00398	U F1 *+	0.00398		mg/Kg		04/27/22 11:38	05/04/22 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/27/22 11:38*	*05/04/22 05:07*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/27/22 11:38*	*05/04/22 05:07*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 03:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 03:57	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*04/22/22 16:37*	*04/26/22 03:57*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*04/22/22 16:37*	*04/26/22 03:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4970**		49.7		mg/Kg			04/28/22 10:29	10

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-9 0.5

Date Collected: 04/20/22 13:45
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-17

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 05:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 05:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 05:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/27/22 11:38	05/04/22 05:28	1
o-Xylene	<0.00199	U *+ *1	0.00199		mg/Kg		04/27/22 11:38	05/04/22 05:28	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/27/22 11:38	05/04/22 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*04/27/22 11:38*	*05/04/22 05:28*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/27/22 11:38*	*05/04/22 05:28*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 04:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 04:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/26/22 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/22/22 16:37*	*04/26/22 04:17*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*04/22/22 16:37*	*04/26/22 04:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.6**		4.96		mg/Kg			04/28/22 10:38	1

Client Sample ID: S-9 1

Date Collected: 04/20/22 13:50
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-18

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 05:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 05:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 05:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/27/22 11:38	05/04/22 05:48	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		04/27/22 11:38	05/04/22 05:48	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		04/27/22 11:38	05/04/22 05:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*04/27/22 11:38*	*05/04/22 05:48*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*04/27/22 11:38*	*05/04/22 05:48*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-9 1

Date Collected: 04/20/22 13:50
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-18

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 04:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 04:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*04/22/22 16:37*	*04/26/22 04:38*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*04/22/22 16:37*	*04/26/22 04:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/28/22 10:47	1

Client Sample ID: S-10 0.5

Date Collected: 04/20/22 13:55
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-19

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/27/22 11:38	05/04/22 06:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/27/22 11:38	05/04/22 06:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/27/22 11:38	05/04/22 06:09	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		04/27/22 11:38	05/04/22 06:09	1
o-Xylene	<0.00202	U *+ *1	0.00202		mg/Kg		04/27/22 11:38	05/04/22 06:09	1
Xylenes, Total	<0.00403	U *+	0.00403		mg/Kg		04/27/22 11:38	05/04/22 06:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/27/22 11:38*	*05/04/22 06:09*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/27/22 11:38*	*05/04/22 06:09*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 04:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 04:59	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-10 0.5

Date Collected: 04/20/22 13:55
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-19

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 04:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/22/22 16:37*	*04/26/22 04:59*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*04/22/22 16:37*	*04/26/22 04:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2730**		25.0		mg/Kg			04/28/22 10:55	5

Client Sample ID: S-10 1

Date Collected: 04/20/22 14:00
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-20

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/27/22 11:38	05/04/22 06:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/27/22 11:38	05/04/22 06:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/27/22 11:38	05/04/22 06:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/27/22 11:38	05/04/22 06:29	1
o-Xylene	<0.00201	U *+ *1	0.00201		mg/Kg		04/27/22 11:38	05/04/22 06:29	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		04/27/22 11:38	05/04/22 06:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/27/22 11:38*	*05/04/22 06:29*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/27/22 11:38*	*05/04/22 06:29*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 05:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 05:19	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/22/22 16:37	04/26/22 05:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*04/22/22 16:37*	*04/26/22 05:19*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*04/22/22 16:37*	*04/26/22 05:19*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3340**		25.0		mg/Kg			04/28/22 11:04	5

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-11 0.5

Date Collected: 04/20/22 14:05
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-21

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		04/27/22 11:38	05/04/22 06:49	1
Toluene	<0.00202	U	0.00202		mg/Kg		04/27/22 11:38	05/04/22 06:49	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		04/27/22 11:38	05/04/22 06:49	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		04/27/22 11:38	05/04/22 06:49	1
o-Xylene	<0.00202	U *+ *1	0.00202		mg/Kg		04/27/22 11:38	05/04/22 06:49	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		04/27/22 11:38	05/04/22 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/27/22 11:38*	*05/04/22 06:49*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*04/27/22 11:38*	*05/04/22 06:49*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 14:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 14:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 14:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/25/22 11:13*	*04/26/22 14:43*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*04/25/22 11:13*	*04/26/22 14:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3580**		24.9		mg/Kg			04/28/22 11:13	5

Client Sample ID: S-11 1

Date Collected: 04/20/22 14:10
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-22

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 07:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 07:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 07:10	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		04/27/22 11:38	05/04/22 07:10	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		04/27/22 11:38	05/04/22 07:10	1
Xylenes, Total	<0.00401	U *+	0.00401		mg/Kg		04/27/22 11:38	05/04/22 07:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*04/27/22 11:38*	*05/04/22 07:10*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/27/22 11:38*	*05/04/22 07:10*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-11 1

Date Collected: 04/20/22 14:10
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-22

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 15:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 15:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 15:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/25/22 11:13*	*04/26/22 15:04*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*04/25/22 11:13*	*04/26/22 15:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4290**		25.0		mg/Kg			04/28/22 11:40	5

Client Sample ID: S-12 0.5

Date Collected: 04/20/22 14:15
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-23

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 07:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 07:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 07:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/27/22 11:38	05/04/22 07:30	1
o-Xylene	<0.00199	U *+ *1	0.00199		mg/Kg		04/27/22 11:38	05/04/22 07:30	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/27/22 11:38	05/04/22 07:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/27/22 11:38*	*05/04/22 07:30*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/27/22 11:38*	*05/04/22 07:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 15:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 15:45	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-12 0.5

Lab Sample ID: 880-13940-23
Matrix: Solid
Date Collected: 04/20/22 14:15
Date Received: 04/21/22 09:08

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 15:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/25/22 11:13*	*04/26/22 15:45*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*04/25/22 11:13*	*04/26/22 15:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.9**		4.95		mg/Kg			04/28/22 11:48	1

Client Sample ID: S-12 1

Lab Sample ID: 880-13940-24
Matrix: Solid
Date Collected: 04/20/22 14:20
Date Received: 04/21/22 09:08

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 07:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 07:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 07:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/27/22 11:38	05/04/22 07:51	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		04/27/22 11:38	05/04/22 07:51	1
Xylenes, Total	<0.00400	U *+	0.00400		mg/Kg		04/27/22 11:38	05/04/22 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*04/27/22 11:38*	*05/04/22 07:51*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/27/22 11:38*	*05/04/22 07:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 16:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 16:06	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 16:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*04/25/22 11:13*	*04/26/22 16:06*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*04/25/22 11:13*	*04/26/22 16:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.6**		5.04		mg/Kg			04/28/22 12:15	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-13 0.5

Date Collected: 04/20/22 14:25
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-25

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 08:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 08:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 08:11	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/27/22 11:38	05/04/22 08:11	1
o-Xylene	<0.00199	U *+ *1	0.00199		mg/Kg		04/27/22 11:38	05/04/22 08:11	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/27/22 11:38	05/04/22 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*0*	*S1-*	*70 - 130*	*04/27/22 11:38*	*05/04/22 08:11*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*04/27/22 11:38*	*05/04/22 08:11*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 16:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 16:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*04/25/22 11:13*	*04/26/22 16:27*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*04/25/22 11:13*	*04/26/22 16:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.0**		4.97		mg/Kg			04/28/22 12:24	1

Client Sample ID: S-13 1

Date Collected: 04/20/22 14:30
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-26

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 10:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 10:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 10:01	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/27/22 11:38	05/04/22 10:01	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		04/27/22 11:38	05/04/22 10:01	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		04/27/22 11:38	05/04/22 10:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*04/27/22 11:38*	*05/04/22 10:01*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*04/27/22 11:38*	*05/04/22 10:01*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-13 1

Date Collected: 04/20/22 14:30
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-26

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 16:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 16:48	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/25/22 11:13*	*04/26/22 16:48*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*04/25/22 11:13*	*04/26/22 16:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			04/28/22 12:33	1

Client Sample ID: S-14 0.5

Date Collected: 04/20/22 14:35
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-27

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/27/22 11:38	05/04/22 10:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/27/22 11:38	05/04/22 10:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/27/22 11:38	05/04/22 10:22	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/27/22 11:38	05/04/22 10:22	1
o-Xylene	<0.00201	U *+ *1	0.00201		mg/Kg		04/27/22 11:38	05/04/22 10:22	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		04/27/22 11:38	05/04/22 10:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*04/27/22 11:38*	*05/04/22 10:22*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*04/27/22 11:38*	*05/04/22 10:22*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 17:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 17:08	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-14 0.5

Date Collected: 04/20/22 14:35
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-27

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 17:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*04/25/22 11:13*	*04/26/22 17:08*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*04/25/22 11:13*	*04/26/22 17:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/28/22 12:42	1

Client Sample ID: S-14 1

Date Collected: 04/20/22 14:40
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-28

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 10:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 10:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		04/27/22 11:38	05/04/22 10:42	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		04/27/22 11:38	05/04/22 10:42	1
o-Xylene	<0.00199	U *+ *1	0.00199		mg/Kg		04/27/22 11:38	05/04/22 10:42	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		04/27/22 11:38	05/04/22 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*04/27/22 11:38*	*05/04/22 10:42*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*04/27/22 11:38*	*05/04/22 10:42*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 17:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 17:29	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 17:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*04/25/22 11:13*	*04/26/22 17:29*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*04/25/22 11:13*	*04/26/22 17:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.95	U	4.95		mg/Kg			04/28/22 12:51	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-15 0.5

Date Collected: 04/20/22 14:45
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-29

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		04/27/22 11:38	05/04/22 11:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		04/27/22 11:38	05/04/22 11:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		04/27/22 11:38	05/04/22 11:02	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		04/27/22 11:38	05/04/22 11:02	1
o-Xylene	<0.00201	U *+ *1	0.00201		mg/Kg		04/27/22 11:38	05/04/22 11:02	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		04/27/22 11:38	05/04/22 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/27/22 11:38*	*05/04/22 11:02*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/27/22 11:38*	*05/04/22 11:02*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 17:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 17:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		04/25/22 11:13	04/26/22 17:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*04/25/22 11:13*	*04/26/22 17:50*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*04/25/22 11:13*	*04/26/22 17:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.70**		4.95		mg/Kg			04/28/22 12:59	1

Client Sample ID: S-15 1

Date Collected: 04/20/22 14:50
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-30

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 11:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 11:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 11:23	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		04/27/22 11:38	05/04/22 11:23	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		04/27/22 11:38	05/04/22 11:23	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		04/27/22 11:38	05/04/22 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*04/27/22 11:38*	*05/04/22 11:23*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*04/27/22 11:38*	*05/04/22 11:23*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-15 1

Date Collected: 04/20/22 14:50
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-30

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			05/03/22 08:51	1

Method: 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			04/26/22 09:38	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 18:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 18:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*04/25/22 11:13*	*04/26/22 18:10*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*04/25/22 11:13*	*04/26/22 18:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.99	U	4.99		mg/Kg			04/28/22 13:08	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

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)
880-13939-A-10-D MS	Matrix Spike	113	89
880-13939-A-10-E MSD	Matrix Spike Duplicate	129	100
880-13940-1	S-1 0.5	124	93
880-13940-2	S-1 1	128	94
880-13940-3	S-2 0.5	122	90
880-13940-4	S-2 1	128	93
880-13940-5	S-3 0.5	122	94
880-13940-6	S-3 1	118	90
880-13940-7	S-4 0.5	109	89
880-13940-8	S-4 1	114	92
880-13940-9	S-5 0.5	105	92
880-13940-10	S-5 1	126	95
880-13940-11	S-6 0.5	121	96
880-13940-12	S-6 1	116	96
880-13940-13	S-7 0.5	115	93
880-13940-14	S-7 1	129	95
880-13940-15	S-8 0.5	128	96
880-13940-16	S-8 1	108	101
880-13940-16 MS	S-8 1	107	101
880-13940-16 MSD	S-8 1	108	100
880-13940-17	S-9 0.5	101	98
880-13940-18	S-9 1	100	91
880-13940-19	S-10 0.5	109	99
880-13940-20	S-10 1	104	97
880-13940-21	S-11 0.5	109	98
880-13940-22	S-11 1	109	100
880-13940-23	S-12 0.5	105	100
880-13940-24	S-12 1	104	100
880-13940-25	S-13 0.5	0 S1-	97
880-13940-26	S-13 1	108	100
880-13940-27	S-14 0.5	105	99
880-13940-28	S-14 1	106	95
880-13940-29	S-15 0.5	103	101
880-13940-30	S-15 1	103	101
LCS 880-24269/1-A	Lab Control Sample	112	89
LCS 880-24317/1-A	Lab Control Sample	100	101
LCSD 880-24269/2-A	Lab Control Sample Dup	122	104
LCSD 880-24317/2-A	Lab Control Sample Dup	101	100
MB 880-24269/5-A	Method Blank	83	86
MB 880-24317/5-A	Method Blank	97	96
MB 880-24319/5-A	Method Blank	98	96
MB 880-24600/5-A	Method Blank	82	84

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-13940-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

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)
880-13940-1	S-1 0.5	75	86
880-13940-1 MS	S-1 0.5	84	90
880-13940-1 MSD	S-1 0.5	93	97
880-13940-2	S-1 1	75	85
880-13940-3	S-2 0.5	83	98
880-13940-4	S-2 1	77	89
880-13940-5	S-3 0.5	77	93
880-13940-6	S-3 1	78	93
880-13940-7	S-4 0.5	79	92
880-13940-8	S-4 1	81	97
880-13940-9	S-5 0.5	90	99
880-13940-10	S-5 1	78	90
880-13940-11	S-6 0.5	89	103
880-13940-12	S-6 1	78	87
880-13940-13	S-7 0.5	77	87
880-13940-14	S-7 1	76	89
880-13940-15	S-8 0.5	80	94
880-13940-16	S-8 1	79	95
880-13940-17	S-9 0.5	78	91
880-13940-18	S-9 1	75	86
880-13940-19	S-10 0.5	78	92
880-13940-20	S-10 1	88	107
880-13940-21	S-11 0.5	78	89
880-13940-22	S-11 1	80	93
880-13940-23	S-12 0.5	89	99
880-13940-24	S-12 1	80	88
880-13940-25	S-13 0.5	77	84
880-13940-26	S-13 1	78	87
880-13940-27	S-14 0.5	89	101
880-13940-28	S-14 1	94	106
880-13940-29	S-15 0.5	78	90
880-13940-30	S-15 1	74	81
880-14014-A-41-B MS	Matrix Spike	72	79
880-14014-A-41-C MSD	Matrix Spike Duplicate	73	79

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (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	1CO2 (70-130)	OTPH2 (70-130)
LCS 880-24069/2-A	Lab Control Sample	87	104
LCS 880-24167/2-A	Lab Control Sample	93	117
LCSD 880-24069/3-A	Lab Control Sample Dup	92	112
LCSD 880-24167/3-A	Lab Control Sample Dup	113	146 S1+
MB 880-24069/1-A	Method Blank	93	113
MB 880-24167/1-A	Method Blank	81	103

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Surrogate Legend

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

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-24269/5-A
Matrix: Solid
Analysis Batch: 24597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24269

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 01:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 01:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 01:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/26/22 16:00	05/03/22 01:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/26/22 16:00	05/03/22 01:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/26/22 16:00	05/03/22 01:51	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*04/26/22 16:00*	*05/03/22 01:51*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*04/26/22 16:00*	*05/03/22 01:51*	*1*

Lab Sample ID: LCS 880-24269/1-A
Matrix: Solid
Analysis Batch: 24597

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24269

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07789		mg/Kg		78	70 - 130		
Toluene			0.100	0.07726		mg/Kg		77	70 - 130		
Ethylbenzene			0.100	0.08851		mg/Kg		89	70 - 130		
m,p-Xylenes			0.200	0.1804		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.09060		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: LCSD 880-24269/2-A
Matrix: Solid
Analysis Batch: 24597

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24269

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08989		mg/Kg		90	70 - 130	14	35
Toluene			0.100	0.08360		mg/Kg		84	70 - 130	8	35
Ethylbenzene			0.100	0.09403		mg/Kg		94	70 - 130	6	35
m,p-Xylenes			0.200	0.1913		mg/Kg		96	70 - 130	6	35
o-Xylene			0.100	0.09792		mg/Kg		98	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: 880-13939-A-10-D MS
Matrix: Solid
Analysis Batch: 24597

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 24269

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.08835		mg/Kg		89	70 - 130		
Toluene	<0.00201	U	0.0996	0.08657		mg/Kg		87	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

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

Lab Sample ID: 880-13939-A-10-D MS
Matrix: Solid
Analysis Batch: 24597

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 24269

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0996	0.09855		mg/Kg		99	70 - 130
m,p-Xylenes	<0.00402	U	0.199	0.1972		mg/Kg		99	70 - 130
o-Xylene	<0.00201	U	0.0996	0.09903		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 880-13939-A-10-E MSD
Matrix: Solid
Analysis Batch: 24597

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 24269

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0994	0.09587		mg/Kg		96	70 - 130	8	35
Toluene	<0.00201	U	0.0994	0.09024		mg/Kg		91	70 - 130	4	35
Ethylbenzene	<0.00201	U	0.0994	0.1016		mg/Kg		102	70 - 130	3	35
m,p-Xylenes	<0.00402	U	0.199	0.2024		mg/Kg		102	70 - 130	3	35
o-Xylene	<0.00201	U	0.0994	0.1005		mg/Kg		101	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-24317/5-A
Matrix: Solid
Analysis Batch: 24740

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24317

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 04:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 04:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 04:39	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/27/22 11:38	05/04/22 04:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:38	05/04/22 04:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/27/22 11:38	05/04/22 04:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*04/27/22 11:38*	*05/04/22 04:39*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*04/27/22 11:38*	*05/04/22 04:39*	*1*

Lab Sample ID: LCS 880-24317/1-A
Matrix: Solid
Analysis Batch: 24740

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24317

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.09483		mg/Kg		95	70 - 130
Toluene	0.100	0.1223		mg/Kg		122	70 - 130
Ethylbenzene	0.100	0.09926		mg/Kg		99	70 - 130
m,p-Xylenes	0.200	0.2164		mg/Kg		108	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

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

Lab Sample ID: LCS 880-24317/1-A
Matrix: Solid
Analysis Batch: 24740

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24317

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.1843	*+	mg/Kg		184	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-24317/2-A
Matrix: Solid
Analysis Batch: 24740

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24317

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09095		mg/Kg		91	70 - 130	4	35
Toluene			0.100	0.09119		mg/Kg		91	70 - 130	29	35
Ethylbenzene			0.100	0.08968		mg/Kg		90	70 - 130	10	35
m,p-Xylenes			0.200	0.1866		mg/Kg		93	70 - 130	15	35
o-Xylene			0.100	0.1081	*1	mg/Kg		108	70 - 130	52	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 880-13940-16 MS
Matrix: Solid
Analysis Batch: 24740

Client Sample ID: S-8 1
Prep Type: Total/NA
Prep Batch: 24317

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U F1	0.0994	<0.00199	U F1	mg/Kg		0	70 - 130		
Toluene	<0.00199	U F2 F1	0.0994	<0.00199	U F1	mg/Kg		0.9	70 - 130		
Ethylbenzene	<0.00199	U F1	0.0994	0.05598	F1	mg/Kg		56	70 - 130		
m,p-Xylenes	<0.00398	U F2 F1	0.199	0.01361	F1	mg/Kg		7	70 - 130		
o-Xylene	<0.00199	U F2 F1 * + *1	0.0994	0.006271	F1	mg/Kg		6	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 880-13940-16 MSD
Matrix: Solid
Analysis Batch: 24740

Client Sample ID: S-8 1
Prep Type: Total/NA
Prep Batch: 24317

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.0998	<0.00200	U F1	mg/Kg		0	70 - 130	NC	35
Toluene	<0.00199	U F2 F1	0.0998	<0.00200	U F2 F1	mg/Kg		2	70 - 130	50	35
Ethylbenzene	<0.00199	U F1	0.0998	0.06016	F1	mg/Kg		60	70 - 130	7	35
m,p-Xylenes	<0.00398	U F2 F1	0.200	0.008107	F2 F1	mg/Kg		4	70 - 130	51	35
o-Xylene	<0.00199	U F2 F1 * + *1	0.0998	0.01299	F2 F1	mg/Kg		13	70 - 130	70	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

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

Lab Sample ID: 880-13940-16 MSD
Matrix: Solid
Analysis Batch: 24740

Client Sample ID: S-8 1
Prep Type: Total/NA
Prep Batch: 24317

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: MB 880-24319/5-A
Matrix: Solid
Analysis Batch: 24740

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24319

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:49	05/03/22 17:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:49	05/03/22 17:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:49	05/03/22 17:02	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		04/27/22 11:49	05/03/22 17:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		04/27/22 11:49	05/03/22 17:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		04/27/22 11:49	05/03/22 17:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	04/27/22 11:49	05/03/22 17:02	1
1,4-Difluorobenzene (Surr)	96		70 - 130	04/27/22 11:49	05/03/22 17:02	1

Lab Sample ID: MB 880-24600/5-A
Matrix: Solid
Analysis Batch: 24597

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24600

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		05/02/22 08:12	05/02/22 11:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		05/02/22 08:12	05/02/22 11:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		05/02/22 08:12	05/02/22 11:36	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		05/02/22 08:12	05/02/22 11:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		05/02/22 08:12	05/02/22 11:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		05/02/22 08:12	05/02/22 11:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	05/02/22 08:12	05/02/22 11:36	1
1,4-Difluorobenzene (Surr)	84		70 - 130	05/02/22 08:12	05/02/22 11:36	1

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

Lab Sample ID: MB 880-24069/1-A
Matrix: Solid
Analysis Batch: 24113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24069

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 20:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 20:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/22/22 16:37	04/25/22 20:46	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

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

Lab Sample ID: MB 880-24069/1-A
Matrix: Solid
Analysis Batch: 24113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24069

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	93		70 - 130	04/22/22 16:37	04/25/22 20:46	1
o-Terphenyl (Surr)	113		70 - 130	04/22/22 16:37	04/25/22 20:46	1

Lab Sample ID: LCS 880-24069/2-A
Matrix: Solid
Analysis Batch: 24113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24069

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1025		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	833.0		mg/Kg		83	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	87		70 - 130
o-Terphenyl (Surr)	104		70 - 130

Lab Sample ID: LCSD 880-24069/3-A
Matrix: Solid
Analysis Batch: 24113

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24069

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1008		mg/Kg		101	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	876.1		mg/Kg		88	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	112		70 - 130

Lab Sample ID: 880-13940-1 MS
Matrix: Solid
Analysis Batch: 24113

Client Sample ID: S-1 0.5
Prep Type: Total/NA
Prep Batch: 24069

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	999	927.0		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	882.0		mg/Kg		86	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	90		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

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

Lab Sample ID: 880-13940-1 MSD
Matrix: Solid
Analysis Batch: 24113

Client Sample ID: S-1 0.5
Prep Type: Total/NA
Prep Batch: 24069

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1107		mg/Kg		111	70 - 130	18	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	975.7		mg/Kg		95	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*93*		*70 - 130*
o-Terphenyl (Surr)	*97*		*70 - 130*

Lab Sample ID: MB 880-24167/1-A
Matrix: Solid
Analysis Batch: 24215

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 24167

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 10:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 10:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		04/25/22 11:13	04/26/22 10:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*04/25/22 11:13*	*04/26/22 10:15*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*04/25/22 11:13*	*04/26/22 10:15*	*1*

Lab Sample ID: LCS 880-24167/2-A
Matrix: Solid
Analysis Batch: 24215

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 24167

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1084		mg/Kg		108	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	930.9		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*93*		*70 - 130*
o-Terphenyl (Surr)	*117*		*70 - 130*

Lab Sample ID: LCSD 880-24167/3-A
Matrix: Solid
Analysis Batch: 24215

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24167

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1001		mg/Kg		100	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	1142		mg/Kg		114	70 - 130	20	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

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

Lab Sample ID: LCSD 880-24167/3-A
Matrix: Solid
Analysis Batch: 24215

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 24167

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	146	S1+	70 - 130

Lab Sample ID: 880-14014-A-41-B MS
Matrix: Solid
Analysis Batch: 24215

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 24167

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	999	1071		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	662.6	F1	mg/Kg		64	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	72		70 - 130
o-Terphenyl (Surr)	79		70 - 130

Lab Sample ID: 880-14014-A-41-C MSD
Matrix: Solid
Analysis Batch: 24215

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 24167

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	999	1079		mg/Kg		106	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<49.9	U F1	999	671.6	F1	mg/Kg		65	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	73		70 - 130
o-Terphenyl (Surr)	79		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-24153/1-A
Matrix: Solid
Analysis Batch: 24363

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/27/22 19:55	1

Lab Sample ID: LCS 880-24153/2-A
Matrix: Solid
Analysis Batch: 24363

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	272.3		mg/Kg		109	90 - 110		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-24153/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24363

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	265.3		mg/Kg		106	90 - 110	3	20

Lab Sample ID: 880-13940-1 MS — **Client Sample ID: S-1 0.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24363

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	32.7		253	301.8		mg/Kg		107	90 - 110

Lab Sample ID: 880-13940-1 MSD — **Client Sample ID: S-1 0.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24363

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	32.7		253	299.9		mg/Kg		106	90 - 110	1	20

Lab Sample ID: MB 880-24154/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24386

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			04/28/22 08:43	1

Lab Sample ID: LCS 880-24154/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24386

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

Lab Sample ID: LCSD 880-24154/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24386

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	251.3		mg/Kg		101	90 - 110	0	20

Lab Sample ID: 880-13940-11 MS — **Client Sample ID: S-6 0.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24386

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	15.9		250	263.3		mg/Kg		99	90 - 110

Lab Sample ID: 880-13940-11 MSD — **Client Sample ID: S-6 0.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 24386

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.9		250	264.5		mg/Kg		99	90 - 110	0	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-13940-21 MS
Matrix: Solid
Analysis Batch: 24386

Client Sample ID: S-11 0.5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	3580		1250	4911		mg/Kg		107	90 - 110		

Lab Sample ID: 880-13940-21 MSD
Matrix: Solid
Analysis Batch: 24386

Client Sample ID: S-11 0.5
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	3580		1250	4881		mg/Kg		105	90 - 110	1	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

GC VOA

Prep Batch: 24269

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-1	S-1 0.5	Total/NA	Solid	5035	
880-13940-2	S-1 1	Total/NA	Solid	5035	
880-13940-3	S-2 0.5	Total/NA	Solid	5035	
880-13940-4	S-2 1	Total/NA	Solid	5035	
880-13940-5	S-3 0.5	Total/NA	Solid	5035	
880-13940-6	S-3 1	Total/NA	Solid	5035	
880-13940-7	S-4 0.5	Total/NA	Solid	5035	
880-13940-8	S-4 1	Total/NA	Solid	5035	
880-13940-9	S-5 0.5	Total/NA	Solid	5035	
880-13940-10	S-5 1	Total/NA	Solid	5035	
880-13940-11	S-6 0.5	Total/NA	Solid	5035	
880-13940-12	S-6 1	Total/NA	Solid	5035	
880-13940-13	S-7 0.5	Total/NA	Solid	5035	
880-13940-14	S-7 1	Total/NA	Solid	5035	
880-13940-15	S-8 0.5	Total/NA	Solid	5035	
MB 880-24269/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24269/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24269/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13939-A-10-D MS	Matrix Spike	Total/NA	Solid	5035	
880-13939-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 24317

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-16	S-8 1	Total/NA	Solid	5035	
880-13940-17	S-9 0.5	Total/NA	Solid	5035	
880-13940-18	S-9 1	Total/NA	Solid	5035	
880-13940-19	S-10 0.5	Total/NA	Solid	5035	
880-13940-20	S-10 1	Total/NA	Solid	5035	
880-13940-21	S-11 0.5	Total/NA	Solid	5035	
880-13940-22	S-11 1	Total/NA	Solid	5035	
880-13940-23	S-12 0.5	Total/NA	Solid	5035	
880-13940-24	S-12 1	Total/NA	Solid	5035	
880-13940-25	S-13 0.5	Total/NA	Solid	5035	
880-13940-26	S-13 1	Total/NA	Solid	5035	
880-13940-27	S-14 0.5	Total/NA	Solid	5035	
880-13940-28	S-14 1	Total/NA	Solid	5035	
880-13940-29	S-15 0.5	Total/NA	Solid	5035	
880-13940-30	S-15 1	Total/NA	Solid	5035	
MB 880-24317/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-24317/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-24317/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-13940-16 MS	S-8 1	Total/NA	Solid	5035	
880-13940-16 MSD	S-8 1	Total/NA	Solid	5035	

Prep Batch: 24319

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-24319/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 24597

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-1	S-1 0.5	Total/NA	Solid	8021B	24269

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

GC VOA (Continued)

Analysis Batch: 24597 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-2	S-1 1	Total/NA	Solid	8021B	24269
880-13940-3	S-2 0.5	Total/NA	Solid	8021B	24269
880-13940-4	S-2 1	Total/NA	Solid	8021B	24269
880-13940-5	S-3 0.5	Total/NA	Solid	8021B	24269
880-13940-6	S-3 1	Total/NA	Solid	8021B	24269
880-13940-7	S-4 0.5	Total/NA	Solid	8021B	24269
880-13940-8	S-4 1	Total/NA	Solid	8021B	24269
880-13940-9	S-5 0.5	Total/NA	Solid	8021B	24269
880-13940-10	S-5 1	Total/NA	Solid	8021B	24269
880-13940-11	S-6 0.5	Total/NA	Solid	8021B	24269
880-13940-12	S-6 1	Total/NA	Solid	8021B	24269
880-13940-13	S-7 0.5	Total/NA	Solid	8021B	24269
880-13940-14	S-7 1	Total/NA	Solid	8021B	24269
880-13940-15	S-8 0.5	Total/NA	Solid	8021B	24269
MB 880-24269/5-A	Method Blank	Total/NA	Solid	8021B	24269
MB 880-24600/5-A	Method Blank	Total/NA	Solid	8021B	24600
LCS 880-24269/1-A	Lab Control Sample	Total/NA	Solid	8021B	24269
LCSD 880-24269/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24269
880-13939-A-10-D MS	Matrix Spike	Total/NA	Solid	8021B	24269
880-13939-A-10-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	24269

Prep Batch: 24600

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-24600/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 24704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-1	S-1 0.5	Total/NA	Solid	Total BTEX	
880-13940-2	S-1 1	Total/NA	Solid	Total BTEX	
880-13940-3	S-2 0.5	Total/NA	Solid	Total BTEX	
880-13940-4	S-2 1	Total/NA	Solid	Total BTEX	
880-13940-5	S-3 0.5	Total/NA	Solid	Total BTEX	
880-13940-6	S-3 1	Total/NA	Solid	Total BTEX	
880-13940-7	S-4 0.5	Total/NA	Solid	Total BTEX	
880-13940-8	S-4 1	Total/NA	Solid	Total BTEX	
880-13940-9	S-5 0.5	Total/NA	Solid	Total BTEX	
880-13940-10	S-5 1	Total/NA	Solid	Total BTEX	
880-13940-11	S-6 0.5	Total/NA	Solid	Total BTEX	
880-13940-12	S-6 1	Total/NA	Solid	Total BTEX	
880-13940-13	S-7 0.5	Total/NA	Solid	Total BTEX	
880-13940-14	S-7 1	Total/NA	Solid	Total BTEX	
880-13940-15	S-8 0.5	Total/NA	Solid	Total BTEX	
880-13940-16	S-8 1	Total/NA	Solid	Total BTEX	
880-13940-17	S-9 0.5	Total/NA	Solid	Total BTEX	
880-13940-18	S-9 1	Total/NA	Solid	Total BTEX	
880-13940-19	S-10 0.5	Total/NA	Solid	Total BTEX	
880-13940-20	S-10 1	Total/NA	Solid	Total BTEX	
880-13940-21	S-11 0.5	Total/NA	Solid	Total BTEX	
880-13940-22	S-11 1	Total/NA	Solid	Total BTEX	
880-13940-23	S-12 0.5	Total/NA	Solid	Total BTEX	
880-13940-24	S-12 1	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

GC VOA (Continued)

Analysis Batch: 24704 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-25	S-13 0.5	Total/NA	Solid	Total BTEX	
880-13940-26	S-13 1	Total/NA	Solid	Total BTEX	
880-13940-27	S-14 0.5	Total/NA	Solid	Total BTEX	
880-13940-28	S-14 1	Total/NA	Solid	Total BTEX	
880-13940-29	S-15 0.5	Total/NA	Solid	Total BTEX	
880-13940-30	S-15 1	Total/NA	Solid	Total BTEX	

Analysis Batch: 24740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-16	S-8 1	Total/NA	Solid	8021B	24317
880-13940-17	S-9 0.5	Total/NA	Solid	8021B	24317
880-13940-18	S-9 1	Total/NA	Solid	8021B	24317
880-13940-19	S-10 0.5	Total/NA	Solid	8021B	24317
880-13940-20	S-10 1	Total/NA	Solid	8021B	24317
880-13940-21	S-11 0.5	Total/NA	Solid	8021B	24317
880-13940-22	S-11 1	Total/NA	Solid	8021B	24317
880-13940-23	S-12 0.5	Total/NA	Solid	8021B	24317
880-13940-24	S-12 1	Total/NA	Solid	8021B	24317
880-13940-25	S-13 0.5	Total/NA	Solid	8021B	24317
880-13940-26	S-13 1	Total/NA	Solid	8021B	24317
880-13940-27	S-14 0.5	Total/NA	Solid	8021B	24317
880-13940-28	S-14 1	Total/NA	Solid	8021B	24317
880-13940-29	S-15 0.5	Total/NA	Solid	8021B	24317
880-13940-30	S-15 1	Total/NA	Solid	8021B	24317
MB 880-24317/5-A	Method Blank	Total/NA	Solid	8021B	24317
MB 880-24319/5-A	Method Blank	Total/NA	Solid	8021B	24319
LCS 880-24317/1-A	Lab Control Sample	Total/NA	Solid	8021B	24317
LCSD 880-24317/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	24317
880-13940-16 MS	S-8 1	Total/NA	Solid	8021B	24317
880-13940-16 MSD	S-8 1	Total/NA	Solid	8021B	24317

GC Semi VOA

Prep Batch: 24069

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-1	S-1 0.5	Total/NA	Solid	8015NM Prep	
880-13940-2	S-1 1	Total/NA	Solid	8015NM Prep	
880-13940-3	S-2 0.5	Total/NA	Solid	8015NM Prep	
880-13940-4	S-2 1	Total/NA	Solid	8015NM Prep	
880-13940-5	S-3 0.5	Total/NA	Solid	8015NM Prep	
880-13940-6	S-3 1	Total/NA	Solid	8015NM Prep	
880-13940-7	S-4 0.5	Total/NA	Solid	8015NM Prep	
880-13940-8	S-4 1	Total/NA	Solid	8015NM Prep	
880-13940-9	S-5 0.5	Total/NA	Solid	8015NM Prep	
880-13940-10	S-5 1	Total/NA	Solid	8015NM Prep	
880-13940-11	S-6 0.5	Total/NA	Solid	8015NM Prep	
880-13940-12	S-6 1	Total/NA	Solid	8015NM Prep	
880-13940-13	S-7 0.5	Total/NA	Solid	8015NM Prep	
880-13940-14	S-7 1	Total/NA	Solid	8015NM Prep	
880-13940-15	S-8 0.5	Total/NA	Solid	8015NM Prep	
880-13940-16	S-8 1	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

GC Semi VOA (Continued)

Prep Batch: 24069 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-17	S-9 0.5	Total/NA	Solid	8015NM Prep	
880-13940-18	S-9 1	Total/NA	Solid	8015NM Prep	
880-13940-19	S-10 0.5	Total/NA	Solid	8015NM Prep	
880-13940-20	S-10 1	Total/NA	Solid	8015NM Prep	
MB 880-24069/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-24069/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24069/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-13940-1 MS	S-1 0.5	Total/NA	Solid	8015NM Prep	
880-13940-1 MSD	S-1 0.5	Total/NA	Solid	8015NM Prep	

Analysis Batch: 24113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-1	S-1 0.5	Total/NA	Solid	8015B NM	24069
880-13940-2	S-1 1	Total/NA	Solid	8015B NM	24069
880-13940-3	S-2 0.5	Total/NA	Solid	8015B NM	24069
880-13940-4	S-2 1	Total/NA	Solid	8015B NM	24069
880-13940-5	S-3 0.5	Total/NA	Solid	8015B NM	24069
880-13940-6	S-3 1	Total/NA	Solid	8015B NM	24069
880-13940-7	S-4 0.5	Total/NA	Solid	8015B NM	24069
880-13940-8	S-4 1	Total/NA	Solid	8015B NM	24069
880-13940-9	S-5 0.5	Total/NA	Solid	8015B NM	24069
880-13940-10	S-5 1	Total/NA	Solid	8015B NM	24069
880-13940-11	S-6 0.5	Total/NA	Solid	8015B NM	24069
880-13940-12	S-6 1	Total/NA	Solid	8015B NM	24069
880-13940-13	S-7 0.5	Total/NA	Solid	8015B NM	24069
880-13940-14	S-7 1	Total/NA	Solid	8015B NM	24069
880-13940-15	S-8 0.5	Total/NA	Solid	8015B NM	24069
880-13940-16	S-8 1	Total/NA	Solid	8015B NM	24069
880-13940-17	S-9 0.5	Total/NA	Solid	8015B NM	24069
880-13940-18	S-9 1	Total/NA	Solid	8015B NM	24069
880-13940-19	S-10 0.5	Total/NA	Solid	8015B NM	24069
880-13940-20	S-10 1	Total/NA	Solid	8015B NM	24069
MB 880-24069/1-A	Method Blank	Total/NA	Solid	8015B NM	24069
LCS 880-24069/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24069
LCSD 880-24069/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24069
880-13940-1 MS	S-1 0.5	Total/NA	Solid	8015B NM	24069
880-13940-1 MSD	S-1 0.5	Total/NA	Solid	8015B NM	24069

Prep Batch: 24167

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-21	S-11 0.5	Total/NA	Solid	8015NM Prep	
880-13940-22	S-11 1	Total/NA	Solid	8015NM Prep	
880-13940-23	S-12 0.5	Total/NA	Solid	8015NM Prep	
880-13940-24	S-12 1	Total/NA	Solid	8015NM Prep	
880-13940-25	S-13 0.5	Total/NA	Solid	8015NM Prep	
880-13940-26	S-13 1	Total/NA	Solid	8015NM Prep	
880-13940-27	S-14 0.5	Total/NA	Solid	8015NM Prep	
880-13940-28	S-14 1	Total/NA	Solid	8015NM Prep	
880-13940-29	S-15 0.5	Total/NA	Solid	8015NM Prep	
880-13940-30	S-15 1	Total/NA	Solid	8015NM Prep	
MB 880-24167/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 880-13940-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

GC Semi VOA (Continued)

Prep Batch: 24167 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-24167/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-24167/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-14014-A-41-B MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-14014-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 24215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-21	S-11 0.5	Total/NA	Solid	8015B NM	24167
880-13940-22	S-11 1	Total/NA	Solid	8015B NM	24167
880-13940-23	S-12 0.5	Total/NA	Solid	8015B NM	24167
880-13940-24	S-12 1	Total/NA	Solid	8015B NM	24167
880-13940-25	S-13 0.5	Total/NA	Solid	8015B NM	24167
880-13940-26	S-13 1	Total/NA	Solid	8015B NM	24167
880-13940-27	S-14 0.5	Total/NA	Solid	8015B NM	24167
880-13940-28	S-14 1	Total/NA	Solid	8015B NM	24167
880-13940-29	S-15 0.5	Total/NA	Solid	8015B NM	24167
880-13940-30	S-15 1	Total/NA	Solid	8015B NM	24167
MB 880-24167/1-A	Method Blank	Total/NA	Solid	8015B NM	24167
LCS 880-24167/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	24167
LCSD 880-24167/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	24167
880-14014-A-41-B MS	Matrix Spike	Total/NA	Solid	8015B NM	24167
880-14014-A-41-C MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	24167

Analysis Batch: 24243

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-1	S-1 0.5	Total/NA	Solid	8015 NM	
880-13940-2	S-1 1	Total/NA	Solid	8015 NM	
880-13940-3	S-2 0.5	Total/NA	Solid	8015 NM	
880-13940-4	S-2 1	Total/NA	Solid	8015 NM	
880-13940-5	S-3 0.5	Total/NA	Solid	8015 NM	
880-13940-6	S-3 1	Total/NA	Solid	8015 NM	
880-13940-7	S-4 0.5	Total/NA	Solid	8015 NM	
880-13940-8	S-4 1	Total/NA	Solid	8015 NM	
880-13940-9	S-5 0.5	Total/NA	Solid	8015 NM	
880-13940-10	S-5 1	Total/NA	Solid	8015 NM	
880-13940-11	S-6 0.5	Total/NA	Solid	8015 NM	
880-13940-12	S-6 1	Total/NA	Solid	8015 NM	
880-13940-13	S-7 0.5	Total/NA	Solid	8015 NM	
880-13940-14	S-7 1	Total/NA	Solid	8015 NM	
880-13940-15	S-8 0.5	Total/NA	Solid	8015 NM	
880-13940-16	S-8 1	Total/NA	Solid	8015 NM	
880-13940-17	S-9 0.5	Total/NA	Solid	8015 NM	
880-13940-18	S-9 1	Total/NA	Solid	8015 NM	
880-13940-19	S-10 0.5	Total/NA	Solid	8015 NM	
880-13940-20	S-10 1	Total/NA	Solid	8015 NM	
880-13940-21	S-11 0.5	Total/NA	Solid	8015 NM	
880-13940-22	S-11 1	Total/NA	Solid	8015 NM	
880-13940-23	S-12 0.5	Total/NA	Solid	8015 NM	
880-13940-24	S-12 1	Total/NA	Solid	8015 NM	
880-13940-25	S-13 0.5	Total/NA	Solid	8015 NM	
880-13940-26	S-13 1	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

GC Semi VOA (Continued)

Analysis Batch: 24243 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-27	S-14 0.5	Total/NA	Solid	8015 NM	
880-13940-28	S-14 1	Total/NA	Solid	8015 NM	
880-13940-29	S-15 0.5	Total/NA	Solid	8015 NM	
880-13940-30	S-15 1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 24153

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-1	S-1 0.5	Soluble	Solid	DI Leach	
880-13940-2	S-1 1	Soluble	Solid	DI Leach	
880-13940-3	S-2 0.5	Soluble	Solid	DI Leach	
880-13940-4	S-2 1	Soluble	Solid	DI Leach	
880-13940-5	S-3 0.5	Soluble	Solid	DI Leach	
880-13940-6	S-3 1	Soluble	Solid	DI Leach	
880-13940-7	S-4 0.5	Soluble	Solid	DI Leach	
880-13940-8	S-4 1	Soluble	Solid	DI Leach	
880-13940-9	S-5 0.5	Soluble	Solid	DI Leach	
880-13940-10	S-5 1	Soluble	Solid	DI Leach	
MB 880-24153/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24153/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24153/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13940-1 MS	S-1 0.5	Soluble	Solid	DI Leach	
880-13940-1 MSD	S-1 0.5	Soluble	Solid	DI Leach	

Leach Batch: 24154

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-11	S-6 0.5	Soluble	Solid	DI Leach	
880-13940-12	S-6 1	Soluble	Solid	DI Leach	
880-13940-13	S-7 0.5	Soluble	Solid	DI Leach	
880-13940-14	S-7 1	Soluble	Solid	DI Leach	
880-13940-15	S-8 0.5	Soluble	Solid	DI Leach	
880-13940-16	S-8 1	Soluble	Solid	DI Leach	
880-13940-17	S-9 0.5	Soluble	Solid	DI Leach	
880-13940-18	S-9 1	Soluble	Solid	DI Leach	
880-13940-19	S-10 0.5	Soluble	Solid	DI Leach	
880-13940-20	S-10 1	Soluble	Solid	DI Leach	
880-13940-21	S-11 0.5	Soluble	Solid	DI Leach	
880-13940-22	S-11 1	Soluble	Solid	DI Leach	
880-13940-23	S-12 0.5	Soluble	Solid	DI Leach	
880-13940-24	S-12 1	Soluble	Solid	DI Leach	
880-13940-25	S-13 0.5	Soluble	Solid	DI Leach	
880-13940-26	S-13 1	Soluble	Solid	DI Leach	
880-13940-27	S-14 0.5	Soluble	Solid	DI Leach	
880-13940-28	S-14 1	Soluble	Solid	DI Leach	
880-13940-29	S-15 0.5	Soluble	Solid	DI Leach	
880-13940-30	S-15 1	Soluble	Solid	DI Leach	
MB 880-24154/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-24154/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-24154/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-13940-11 MS	S-6 0.5	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 880-13940-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

HPLC/IC (Continued)

Leach Batch: 24154 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-11 MSD	S-6 0.5	Soluble	Solid	DI Leach	
880-13940-21 MS	S-11 0.5	Soluble	Solid	DI Leach	
880-13940-21 MSD	S-11 0.5	Soluble	Solid	DI Leach	

Analysis Batch: 24363

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-1	S-1 0.5	Soluble	Solid	300.0	24153
880-13940-2	S-1 1	Soluble	Solid	300.0	24153
880-13940-3	S-2 0.5	Soluble	Solid	300.0	24153
880-13940-4	S-2 1	Soluble	Solid	300.0	24153
880-13940-5	S-3 0.5	Soluble	Solid	300.0	24153
880-13940-6	S-3 1	Soluble	Solid	300.0	24153
880-13940-7	S-4 0.5	Soluble	Solid	300.0	24153
880-13940-8	S-4 1	Soluble	Solid	300.0	24153
880-13940-9	S-5 0.5	Soluble	Solid	300.0	24153
880-13940-10	S-5 1	Soluble	Solid	300.0	24153
MB 880-24153/1-A	Method Blank	Soluble	Solid	300.0	24153
LCS 880-24153/2-A	Lab Control Sample	Soluble	Solid	300.0	24153
LCSD 880-24153/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24153
880-13940-1 MS	S-1 0.5	Soluble	Solid	300.0	24153
880-13940-1 MSD	S-1 0.5	Soluble	Solid	300.0	24153

Analysis Batch: 24386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-13940-11	S-6 0.5	Soluble	Solid	300.0	24154
880-13940-12	S-6 1	Soluble	Solid	300.0	24154
880-13940-13	S-7 0.5	Soluble	Solid	300.0	24154
880-13940-14	S-7 1	Soluble	Solid	300.0	24154
880-13940-15	S-8 0.5	Soluble	Solid	300.0	24154
880-13940-16	S-8 1	Soluble	Solid	300.0	24154
880-13940-17	S-9 0.5	Soluble	Solid	300.0	24154
880-13940-18	S-9 1	Soluble	Solid	300.0	24154
880-13940-19	S-10 0.5	Soluble	Solid	300.0	24154
880-13940-20	S-10 1	Soluble	Solid	300.0	24154
880-13940-21	S-11 0.5	Soluble	Solid	300.0	24154
880-13940-22	S-11 1	Soluble	Solid	300.0	24154
880-13940-23	S-12 0.5	Soluble	Solid	300.0	24154
880-13940-24	S-12 1	Soluble	Solid	300.0	24154
880-13940-25	S-13 0.5	Soluble	Solid	300.0	24154
880-13940-26	S-13 1	Soluble	Solid	300.0	24154
880-13940-27	S-14 0.5	Soluble	Solid	300.0	24154
880-13940-28	S-14 1	Soluble	Solid	300.0	24154
880-13940-29	S-15 0.5	Soluble	Solid	300.0	24154
880-13940-30	S-15 1	Soluble	Solid	300.0	24154
MB 880-24154/1-A	Method Blank	Soluble	Solid	300.0	24154
LCS 880-24154/2-A	Lab Control Sample	Soluble	Solid	300.0	24154
LCSD 880-24154/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	24154
880-13940-11 MS	S-6 0.5	Soluble	Solid	300.0	24154
880-13940-11 MSD	S-6 0.5	Soluble	Solid	300.0	24154
880-13940-21 MS	S-11 0.5	Soluble	Solid	300.0	24154
880-13940-21 MSD	S-11 0.5	Soluble	Solid	300.0	24154

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-1 0.5
Date Collected: 04/20/22 12:30
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 04:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/25/22 21:48	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	24153	04/25/22 10:18	CH	XEN MID
Soluble	Analysis	300.0		1			24363	04/27/22 22:33	CH	XEN MID

Client Sample ID: S-1 1
Date Collected: 04/20/22 12:35
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-2
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			4.95 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 04:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/25/22 22:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24153	04/25/22 10:18	CH	XEN MID
Soluble	Analysis	300.0		1			24363	04/27/22 23:02	CH	XEN MID

Client Sample ID: S-2 0.5
Date Collected: 04/20/22 12:40
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 05:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/25/22 23:10	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	24153	04/25/22 10:18	CH	XEN MID
Soluble	Analysis	300.0		1			24363	04/27/22 23:11	CH	XEN MID

Client Sample ID: S-2 1
Date Collected: 04/20/22 12:45
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 05:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-2 1
Date Collected: 04/20/22 12:45
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-4
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			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/25/22 23:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24153	04/25/22 10:18	CH	XEN MID
Soluble	Analysis	300.0		1			24363	04/27/22 23:40	CH	XEN MID

Client Sample ID: S-3 0.5
Date Collected: 04/20/22 12:50
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-5
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			5.03 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 06:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/25/22 23:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24153	04/25/22 10:18	CH	XEN MID
Soluble	Analysis	300.0		5			24363	04/27/22 23:50	CH	XEN MID

Client Sample ID: S-3 1
Date Collected: 04/20/22 12:55
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-6
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			5.00 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 07:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 00:11	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24153	04/25/22 10:18	CH	XEN MID
Soluble	Analysis	300.0		5			24363	04/28/22 00:00	CH	XEN MID

Client Sample ID: S-4 0.5
Date Collected: 04/20/22 13:00
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-7
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	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 08:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 00:31	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-4 0.5
Date Collected: 04/20/22 13:00
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-7
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			5.03 g	50 mL	24153	04/25/22 10:18	CH	XEN MID
Soluble	Analysis	300.0		10			24363	04/28/22 00:09	CH	XEN MID

Client Sample ID: S-4 1
Date Collected: 04/20/22 13:05
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 08:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 00:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24153	04/25/22 10:18	CH	XEN MID
Soluble	Analysis	300.0		5			24363	04/28/22 00:19	CH	XEN MID

Client Sample ID: S-5 0.5
Date Collected: 04/20/22 13:10
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 09:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 01:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24153	04/25/22 10:18	CH	XEN MID
Soluble	Analysis	300.0		1			24363	04/28/22 00:28	CH	XEN MID

Client Sample ID: S-5 1
Date Collected: 04/20/22 13:15
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-10
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			5.01 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 09:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 01:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24153	04/25/22 10:18	CH	XEN MID
Soluble	Analysis	300.0		1			24363	04/28/22 00:38	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-6 0.5
Date Collected: 04/20/22 13:20
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 10:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 02:14	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 09:09	CH	XEN MID

Client Sample ID: S-6 1
Date Collected: 04/20/22 13:25
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 10:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 02:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 09:36	CH	XEN MID

Client Sample ID: S-7 0.5
Date Collected: 04/20/22 13:30
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-13
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	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 11:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 02:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 09:45	CH	XEN MID

Client Sample ID: S-7 1
Date Collected: 04/20/22 13:35
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-14
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	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 11:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-7 1
Date Collected: 04/20/22 13:35
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-14
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			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 03:16	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 09:53	CH	XEN MID

Client Sample ID: S-8 0.5
Date Collected: 04/20/22 13:40
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-15
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			4.99 g	5 mL	24269	04/26/22 16:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24597	05/03/22 11:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 03:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		5			24386	04/28/22 10:02	CH	XEN MID

Client Sample ID: S-8 1
Date Collected: 04/20/22 13:45
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-16
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 05:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 03:57	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		10			24386	04/28/22 10:29	CH	XEN MID

Client Sample ID: S-9 0.5
Date Collected: 04/20/22 13:45
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-17
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	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 05:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 04:17	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-9 0.5
Date Collected: 04/20/22 13:45
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-17
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			5.04 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 10:38	CH	XEN MID

Client Sample ID: S-9 1
Date Collected: 04/20/22 13:50
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-18
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	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 05:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 04:38	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 10:47	CH	XEN MID

Client Sample ID: S-10 0.5
Date Collected: 04/20/22 13:55
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 06:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 04:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		5			24386	04/28/22 10:55	CH	XEN MID

Client Sample ID: S-10 1
Date Collected: 04/20/22 14:00
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-20
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 06:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24069	04/22/22 16:37	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24113	04/26/22 05:19	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		5			24386	04/28/22 11:04	CH	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-11 0.5

Date Collected: 04/20/22 14:05
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-21

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	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 06:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24167	04/25/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24215	04/26/22 14:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		5			24386	04/28/22 11:13	CH	XEN MID

Client Sample ID: S-11 1

Date Collected: 04/20/22 14:10
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-22

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			4.99 g	5 mL	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 07:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24167	04/25/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24215	04/26/22 15:04	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		5			24386	04/28/22 11:40	CH	XEN MID

Client Sample ID: S-12 0.5

Date Collected: 04/20/22 14:15
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 07:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24167	04/25/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24215	04/26/22 15:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 11:48	CH	XEN MID

Client Sample ID: S-12 1

Date Collected: 04/20/22 14:20
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-24

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	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 07:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-12 1

Lab Sample ID: 880-13940-24
Matrix: Solid
Date Collected: 04/20/22 14:20
Date Received: 04/21/22 09:08

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			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24167	04/25/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24215	04/26/22 16:06	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 12:15	CH	XEN MID

Client Sample ID: S-13 0.5

Lab Sample ID: 880-13940-25
Matrix: Solid
Date Collected: 04/20/22 14:25
Date Received: 04/21/22 09:08

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	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 08:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24167	04/25/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24215	04/26/22 16:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 12:24	CH	XEN MID

Client Sample ID: S-13 1

Lab Sample ID: 880-13940-26
Matrix: Solid
Date Collected: 04/20/22 14:30
Date Received: 04/21/22 09:08

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	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 10:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	24167	04/25/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24215	04/26/22 16:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 12:33	CH	XEN MID

Client Sample ID: S-14 0.5

Lab Sample ID: 880-13940-27
Matrix: Solid
Date Collected: 04/20/22 14:35
Date Received: 04/21/22 09:08

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	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 10:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	24167	04/25/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24215	04/26/22 17:08	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Client Sample ID: S-14 0.5
Date Collected: 04/20/22 14:35
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-27
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 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 12:42	CH	XEN MID

Client Sample ID: S-14 1
Date Collected: 04/20/22 14:40
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 10:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24167	04/25/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24215	04/26/22 17:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 12:51	CH	XEN MID

Client Sample ID: S-15 0.5
Date Collected: 04/20/22 14:45
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-29
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	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 11:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	24167	04/25/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24215	04/26/22 17:50	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 12:59	CH	XEN MID

Client Sample ID: S-15 1
Date Collected: 04/20/22 14:50
Date Received: 04/21/22 09:08

Lab Sample ID: 880-13940-30
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	24317	04/27/22 11:38	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	24740	05/04/22 11:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			24704	05/03/22 08:51	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			24243	04/26/22 09:38	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	24167	04/25/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			24215	04/26/22 18:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	24154	04/25/22 10:19	CH	XEN MID
Soluble	Analysis	300.0		1			24386	04/28/22 13:08	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Laboratory: Eurofins Midland

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400-21-22	06-30-22

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-13940-1
SDG: 22-0105-07

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-13940-1	S-1 0.5	Solid	04/20/22 12:30	04/21/22 09:08
880-13940-2	S-1 1	Solid	04/20/22 12:35	04/21/22 09:08
880-13940-3	S-2 0.5	Solid	04/20/22 12:40	04/21/22 09:08
880-13940-4	S-2 1	Solid	04/20/22 12:45	04/21/22 09:08
880-13940-5	S-3 0.5	Solid	04/20/22 12:50	04/21/22 09:08
880-13940-6	S-3 1	Solid	04/20/22 12:55	04/21/22 09:08
880-13940-7	S-4 0.5	Solid	04/20/22 13:00	04/21/22 09:08
880-13940-8	S-4 1	Solid	04/20/22 13:05	04/21/22 09:08
880-13940-9	S-5 0.5	Solid	04/20/22 13:10	04/21/22 09:08
880-13940-10	S-5 1	Solid	04/20/22 13:15	04/21/22 09:08
880-13940-11	S-6 0.5	Solid	04/20/22 13:20	04/21/22 09:08
880-13940-12	S-6 1	Solid	04/20/22 13:25	04/21/22 09:08
880-13940-13	S-7 0.5	Solid	04/20/22 13:30	04/21/22 09:08
880-13940-14	S-7 1	Solid	04/20/22 13:35	04/21/22 09:08
880-13940-15	S-8 0.5	Solid	04/20/22 13:40	04/21/22 09:08
880-13940-16	S-8 1	Solid	04/20/22 13:45	04/21/22 09:08
880-13940-17	S-9 0.5	Solid	04/20/22 13:45	04/21/22 09:08
880-13940-18	S-9 1	Solid	04/20/22 13:50	04/21/22 09:08
880-13940-19	S-10 0.5	Solid	04/20/22 13:55	04/21/22 09:08
880-13940-20	S-10 1	Solid	04/20/22 14:00	04/21/22 09:08
880-13940-21	S-11 0.5	Solid	04/20/22 14:05	04/21/22 09:08
880-13940-22	S-11 1	Solid	04/20/22 14:10	04/21/22 09:08
880-13940-23	S-12 0.5	Solid	04/20/22 14:15	04/21/22 09:08
880-13940-24	S-12 1	Solid	04/20/22 14:20	04/21/22 09:08
880-13940-25	S-13 0.5	Solid	04/20/22 14:25	04/21/22 09:08
880-13940-26	S-13 1	Solid	04/20/22 14:30	04/21/22 09:08
880-13940-27	S-14 0.5	Solid	04/20/22 14:35	04/21/22 09:08
880-13940-28	S-14 1	Solid	04/20/22 14:40	04/21/22 09:08
880-13940-29	S-15 0.5	Solid	04/20/22 14:45	04/21/22 09:08
880-13940-30	S-15 1	Solid	04/20/22 14:50	04/21/22 09:08

No. 2526

13940 CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N Marienfeld, Ste 202
Midland, TX 79701
432-687-0901

DATE: 4/21/2022 PAGE 1 OF 2

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Salado Draw Water Loop Line

LAI PROJECT #: 22-0105-07 COLLECTOR: TP + JR

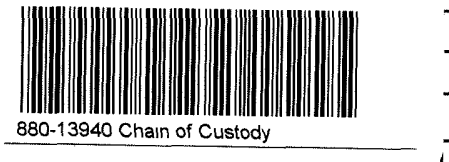
Data Reported to

TRRP report? ☐ Yes ☒ No

TIME ZONE Time zone/State: MST / NM

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

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
S-1, 0.5		4/20/22	1230	S	1				X		X		X	X	X													X	
S-1, 1		"	1235	"	"				"		"		"	"	"													"	
S-2, 0.5			1240																										
S-2, 1			1245																										
S-3, 0.5			1250																										
S-3, 1			1255																										
S-4, 0.5			1300																										
S-4, 1			1305																										
S-5, 0.5			1310																										
S-5, 1			1315																										
S-6, 0.5			1320																										
S-6, 1			1325																										
S-7, 0.5			1330																										
S-7, 1			1335																										
S-8, 0.5		"	1340	"	"				"		"		"	"	"													"	
TOTAL																													



RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
	4/21/22 0908	
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP .3/.2 THERM# IR8-1
CUSTODY SEALS - ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☑ HAND DELIVERED

No. 2527

13940 CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N Marienfeld, Ste 202
Midland, TX 79701
432-687-0901

DATE: 4/21/2022 PAGE 2 OF 2

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Salado Draw Water Loop Line

LAI PROJECT #: 22-0105 - ~~0007~~ COLLECTOR: TP + JR

Data Reported to

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MST/NM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
S-8, 1		4/20/22	1345	S	1				X		X	
S-9, 0.5			1345								X	
S-9, 1			1350								X	
S-10, 0.5			1355								X	
S-10, 1			1400								X	
S-11, 0.5			1405								X	
S-11, 1			1410								X	
S-12, 0.5			1415								X	
S-12, 1			1420								X	
S-13, 0.5			1425								X	
S-13, 1			1430								X	
S-14, 0.5			1435								X	
S-14, 1			1440								X	
S-15, 0.5			1445								X	
S-15, 1			1450								X	
TOTAL												

ANALYSES: ☐ BTEX ☐ MTBE ☐ TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ GASOLINE MOD 8015 ☐ DIESEL - MOD 8015 ☐ OIL - MOD 8015 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ 8082 PCBS ☐ TCLP - METALS (RCRA) ☐ TCLP VOC ☐ TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ TOTAL METALS (RCRA) ☐ OTHER LIST ☐ LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ pH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PECHLORATE ☐ CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐

Loc: 880
13940

RELINQUISHED BY (Signature)	DATE/TIME 4/21/22 0908	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
LABORATORY Xenco		

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 3.1.2 THERM# IR8-1
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☒ HAND DELIVERED

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-13940-1
SDG Number: 22-0105-07

Login Number: 13940
List Number: 1
Creator: Rodriguez, Leticia

List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

eurofins | Environment Testing America

ANALYTICAL REPORT

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

Laboratory Job ID: 880-16508-1
Laboratory Sample Delivery Group: 22-0105-07
Client Project/Site: Salado Draw Water Loop Line

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

Attn: Mr. Mark J Larson

Authorized for release by:
7/11/2022 4:09:44 PM
Chad Bechtold, Project Manager
(813)690-3563
Chad.Bechtold@et.eurofinsus.com

Designee for

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

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

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

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Laboratory Job ID: 880-16508-1
SDG: 22-0105-07

Table of Contents

Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-16508-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

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
F2	MS/MSD RPD exceeds control limits
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Job ID: 880-16508-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-16508-1

Receipt
The samples were received on 6/30/2022 3:58 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 0.1°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-29218 and analytical batch 880-29357 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

GC Semi VOA
Method 8015MOD_NM: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-28827 and analytical batch 880-28801 was outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory control sample duplicate (LCS/LCSD) precision was within acceptance limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: S-4 5' (880-16508-7). 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
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-28846 and analytical batch 880-29060 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-28844 and analytical batch 880-29190 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample / laboratory sample control duplicate (LCS/LCSD) precision was within acceptance limits.

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

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-3 1'

Date Collected: 06/29/22 13:05
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-1

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 18:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 18:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 18:36	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/07/22 10:17	07/07/22 18:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 18:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/07/22 10:17	07/07/22 18:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/07/22 10:17*	*07/07/22 18:36*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/07/22 10:17*	*07/07/22 18:36*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	49.9		mg/Kg		07/01/22 10:09	07/01/22 20:51	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 20:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 20:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*07/01/22 10:09*	*07/01/22 20:51*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*07/01/22 10:09*	*07/01/22 20:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**59.0**		4.97		mg/Kg			07/07/22 17:33	1

Client Sample ID: S-3 3'

Date Collected: 06/29/22 13:06
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-2

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/07/22 10:17	07/07/22 18:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/07/22 10:17	07/07/22 18:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/07/22 10:17	07/07/22 18:57	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/07/22 10:17	07/07/22 18:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/07/22 10:17	07/07/22 18:57	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/07/22 10:17	07/07/22 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/07/22 10:17*	*07/07/22 18:57*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/07/22 10:17*	*07/07/22 18:57*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-3 3'

Date Collected: 06/29/22 13:06
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-2

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/01/22 21:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/01/22 21:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/01/22 21:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*07/01/22 10:09*	*07/01/22 21:55*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*07/01/22 10:09*	*07/01/22 21:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.8**		4.99		mg/Kg			07/07/22 17:57	1

Client Sample ID: S-3 5'

Date Collected: 06/29/22 13:07
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-3

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 19:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 19:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 19:17	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/07/22 10:17	07/07/22 19:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 19:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/07/22 10:17	07/07/22 19:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/07/22 10:17*	*07/07/22 19:17*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/07/22 10:17*	*07/07/22 19:17*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 22:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 22:17	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-3 5'

Date Collected: 06/29/22 13:07
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 22:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*07/01/22 10:09*	*07/01/22 22:17*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*07/01/22 10:09*	*07/01/22 22:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.6**		5.00		mg/Kg			07/07/22 18:05	1

Client Sample ID: S-3 10'

Date Collected: 06/29/22 13:08
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-4

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/07/22 10:17	07/07/22 19:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/07/22 10:17	07/07/22 19:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/07/22 10:17	07/07/22 19:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/07/22 10:17	07/07/22 19:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/07/22 10:17	07/07/22 19:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/07/22 10:17	07/07/22 19:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*07/07/22 10:17*	*07/07/22 19:38*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/07/22 10:17*	*07/07/22 19:38*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/01/22 10:09	07/01/22 22:38	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/01/22 10:09	07/01/22 22:38	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/22 10:09	07/01/22 22:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*07/01/22 10:09*	*07/01/22 22:38*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*07/01/22 10:09*	*07/01/22 22:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.4**		4.98		mg/Kg			07/07/22 18:13	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-4 1'

Date Collected: 06/29/22 14:45
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-5

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/07/22 10:17	07/07/22 19:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/07/22 10:17	07/07/22 19:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/07/22 10:17	07/07/22 19:58	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/07/22 10:17	07/07/22 19:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/07/22 10:17	07/07/22 19:58	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/07/22 10:17	07/07/22 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/07/22 10:17*	*07/07/22 19:58*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/07/22 10:17*	*07/07/22 19:58*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/01/22 22:59	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/01/22 22:59	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/01/22 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*07/01/22 10:09*	*07/01/22 22:59*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*07/01/22 10:09*	*07/01/22 22:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.7**		4.99		mg/Kg			07/07/22 18:21	1

Client Sample ID: S-4 3'

Date Collected: 06/29/22 14:46
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-6

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U F1 F2	0.00199		mg/Kg		07/07/22 14:51	07/10/22 04:47	1
Toluene	<0.00199	U F1 F2	0.00199		mg/Kg		07/07/22 14:51	07/10/22 04:47	1
Ethylbenzene	<0.00199	U F1 F2	0.00199		mg/Kg		07/07/22 14:51	07/10/22 04:47	1
m,p-Xylenes	<0.00398	U F1 F2	0.00398		mg/Kg		07/07/22 14:51	07/10/22 04:47	1
o-Xylene	<0.00199	U F1 F2	0.00199		mg/Kg		07/07/22 14:51	07/10/22 04:47	1
Xylenes, Total	<0.00398	U F1 F2	0.00398		mg/Kg		07/07/22 14:51	07/10/22 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/07/22 14:51*	*07/10/22 04:47*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/07/22 14:51*	*07/10/22 04:47*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-4 3'

Date Collected: 06/29/22 14:46
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-6

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 23:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 23:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*07/01/22 10:09*	*07/01/22 23:21*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*07/01/22 10:09*	*07/01/22 23:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.2**		4.98		mg/Kg			07/07/22 18:44	1

Client Sample ID: S-4 5'

Date Collected: 06/29/22 14:47
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-7

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 05:07	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 05:07	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 05:07	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/07/22 14:51	07/10/22 05:07	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 05:07	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/07/22 14:51	07/10/22 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*07/07/22 14:51*	*07/10/22 05:07*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/07/22 14:51*	*07/10/22 05:07*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 23:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 23:42	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-4 5'

Date Collected: 06/29/22 14:47
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-7
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/01/22 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*137*	*S1+*	*70 - 130*	*07/01/22 10:09*	*07/01/22 23:42*	*1*
o-Terphenyl (Surr)	*139*	*S1+*	*70 - 130*	*07/01/22 10:09*	*07/01/22 23:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.3**		5.05		mg/Kg			07/07/22 18:52	1

Client Sample ID: S-4 10'

Date Collected: 06/29/22 14:48
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-8
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 05:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 05:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 05:28	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/07/22 14:51	07/10/22 05:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 05:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/07/22 14:51	07/10/22 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/07/22 14:51*	*07/10/22 05:28*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/07/22 14:51*	*07/10/22 05:28*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 00:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 00:04	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*07/01/22 10:09*	*07/02/22 00:04*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*07/01/22 10:09*	*07/02/22 00:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.94**		4.99		mg/Kg			07/07/22 19:00	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-8 1'

Date Collected: 06/29/22 14:30
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-9

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 05:48	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 05:48	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 05:48	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/07/22 14:51	07/10/22 05:48	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 05:48	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/07/22 14:51	07/10/22 05:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/07/22 14:51*	*07/10/22 05:48*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/07/22 14:51*	*07/10/22 05:48*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 00:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 00:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/01/22 10:09*	*07/02/22 00:25*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*07/01/22 10:09*	*07/02/22 00:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.1**		4.97		mg/Kg			07/07/22 19:08	1

Client Sample ID: S-8 3'

Date Collected: 06/29/22 14:31
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-10

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 06:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 06:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 06:09	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/07/22 14:51	07/10/22 06:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 06:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/07/22 14:51	07/10/22 06:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/07/22 14:51*	*07/10/22 06:09*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/07/22 14:51*	*07/10/22 06:09*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-8 3'

Date Collected: 06/29/22 14:31
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-10

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 00:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 00:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*07/01/22 10:09*	*07/02/22 00:47*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*07/01/22 10:09*	*07/02/22 00:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.8**		5.00		mg/Kg			07/07/22 19:16	1

Client Sample ID: S-8 5'

Date Collected: 06/29/22 14:32
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-11

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 06:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 06:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 06:29	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/07/22 14:51	07/10/22 06:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 06:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/07/22 14:51	07/10/22 06:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/07/22 14:51*	*07/10/22 06:29*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/07/22 14:51*	*07/10/22 06:29*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 01:30	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 01:30	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-8 5'

Date Collected: 06/29/22 14:32
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*07/01/22 10:09*	*07/02/22 01:30*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/01/22 10:09*	*07/02/22 01:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.3**	**F1**	4.95		mg/Kg			07/07/22 19:23	1

Client Sample ID: S-8 10'

Date Collected: 06/29/22 14:33
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-12
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 06:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 06:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 06:49	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/07/22 14:51	07/10/22 06:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 06:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/07/22 14:51	07/10/22 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/07/22 14:51*	*07/10/22 06:49*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/07/22 14:51*	*07/10/22 06:49*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 01:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 01:51	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 01:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*07/01/22 10:09*	*07/02/22 01:51*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*07/01/22 10:09*	*07/02/22 01:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.99**		4.99		mg/Kg			07/08/22 11:37	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-10 1'

Date Collected: 06/29/22 14:05
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-13

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 07:10	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 07:10	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 07:10	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/07/22 14:51	07/10/22 07:10	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 07:10	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/07/22 14:51	07/10/22 07:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/07/22 14:51*	*07/10/22 07:10*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/07/22 14:51*	*07/10/22 07:10*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 02:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 02:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 02:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*07/01/22 10:09*	*07/02/22 02:13*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*07/01/22 10:09*	*07/02/22 02:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		5.00		mg/Kg			07/08/22 11:45	1

Client Sample ID: S-10 3'

Date Collected: 06/29/22 14:06
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-14

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 07:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 07:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 07:30	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/07/22 14:51	07/10/22 07:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 07:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/07/22 14:51	07/10/22 07:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/07/22 14:51*	*07/10/22 07:30*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/07/22 14:51*	*07/10/22 07:30*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-10 3'

Date Collected: 06/29/22 14:06
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-14
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 02:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 02:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*07/01/22 10:09*	*07/02/22 02:35*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*07/01/22 10:09*	*07/02/22 02:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.1**		5.05		mg/Kg			07/08/22 12:09	1

Client Sample ID: S-10 5'

Date Collected: 06/29/22 14:07
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-15
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 07:51	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 07:51	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 07:51	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/07/22 14:51	07/10/22 07:51	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 07:51	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/07/22 14:51	07/10/22 07:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/07/22 14:51*	*07/10/22 07:51*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/07/22 14:51*	*07/10/22 07:51*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 02:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 02:56	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-16508-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

Client Sample ID: S-10 5' Lab Sample ID: 880-16508-15

Date Collected: 06/29/22 14:07 **Matrix: Solid**
Date Received: 06/30/22 15:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*07/01/22 10:09*	*07/02/22 02:56*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*07/01/22 10:09*	*07/02/22 02:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.9**		4.99		mg/Kg			07/08/22 12:17	1

Client Sample ID: S-10 10' Lab Sample ID: 880-16508-16

Date Collected: 06/29/22 14:08 **Matrix: Solid**
Date Received: 06/30/22 15:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 09:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 09:41	1
Ethylbenzene	**0.00219**		0.00200		mg/Kg		07/07/22 14:51	07/10/22 09:41	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/07/22 14:51	07/10/22 09:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 09:41	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/07/22 14:51	07/10/22 09:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/07/22 14:51*	*07/10/22 09:41*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/07/22 14:51*	*07/10/22 09:41*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 03:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 03:18	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*07/01/22 10:09*	*07/02/22 03:18*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*07/01/22 10:09*	*07/02/22 03:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.24**		4.95		mg/Kg			07/08/22 12:24	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-11 1'

Date Collected: 06/29/22 13:45
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-17

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 10:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 10:01	1
Ethylbenzene	**0.00219**		0.00199		mg/Kg		07/07/22 14:51	07/10/22 10:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/07/22 14:51	07/10/22 10:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 10:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/07/22 14:51	07/10/22 10:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*07/07/22 14:51*	*07/10/22 10:01*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/07/22 14:51*	*07/10/22 10:01*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 03:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 03:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*07/01/22 10:09*	*07/02/22 03:39*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*07/01/22 10:09*	*07/02/22 03:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**181**		5.00		mg/Kg			07/08/22 12:32	1

Client Sample ID: S-11 3'

Date Collected: 06/29/22 13:46
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-18

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 10:22	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 10:22	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 10:22	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/07/22 14:51	07/10/22 10:22	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/07/22 14:51	07/10/22 10:22	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/07/22 14:51	07/10/22 10:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/07/22 14:51*	*07/10/22 10:22*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/07/22 14:51*	*07/10/22 10:22*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-11 3'

Date Collected: 06/29/22 13:46
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-18
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 04:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 04:01	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*07/01/22 10:09*	*07/02/22 04:01*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*07/01/22 10:09*	*07/02/22 04:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6.51**		4.95		mg/Kg			07/08/22 12:40	1

Client Sample ID: S-11 5'

Date Collected: 06/29/22 13:47
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-19
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 10:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 10:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 10:42	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/07/22 14:51	07/10/22 10:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 10:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/07/22 14:51	07/10/22 10:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/07/22 14:51*	*07/10/22 10:42*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/07/22 14:51*	*07/10/22 10:42*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 04:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 04:22	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-11 5'

Lab Sample ID: 880-16508-19
Matrix: Solid
Date Collected: 06/29/22 13:47
Date Received: 06/30/22 15:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 10:09	07/02/22 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*07/01/22 10:09*	*07/02/22 04:22*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*07/01/22 10:09*	*07/02/22 04:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.40**		4.96		mg/Kg			07/08/22 12:48	1

Client Sample ID: S-11 10'

Lab Sample ID: 880-16508-20
Matrix: Solid
Date Collected: 06/29/22 13:48
Date Received: 06/30/22 15:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 11:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 11:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 11:02	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/07/22 14:51	07/10/22 11:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 11:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/07/22 14:51	07/10/22 11:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/07/22 14:51*	*07/10/22 11:02*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/07/22 14:51*	*07/10/22 11:02*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 04:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 04:43	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/02/22 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*07/01/22 10:09*	*07/02/22 04:43*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*07/01/22 10:09*	*07/02/22 04:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13600**		100		mg/Kg			07/08/22 12:56	20

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-16 1'

Date Collected: 06/29/22 13:30
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-21

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 11:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 11:23	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 11:23	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/07/22 14:51	07/10/22 11:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 11:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/07/22 14:51	07/10/22 11:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/07/22 14:51*	*07/10/22 11:23*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*07/07/22 14:51*	*07/10/22 11:23*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/01/22 08:22	07/02/22 13:29	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/01/22 08:22	07/02/22 13:29	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/22 08:22	07/02/22 13:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*07/01/22 08:22*	*07/02/22 13:29*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*07/01/22 08:22*	*07/02/22 13:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.6**		4.98		mg/Kg			07/05/22 14:31	1

Client Sample ID: S-16 3'

Date Collected: 06/29/22 13:31
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-22

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 11:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 11:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 11:43	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/07/22 14:51	07/10/22 11:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 11:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/07/22 14:51	07/10/22 11:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/07/22 14:51*	*07/10/22 11:43*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/07/22 14:51*	*07/10/22 11:43*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-16 3'

Date Collected: 06/29/22 13:31
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-22
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 13:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 13:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*07/01/22 08:22*	*07/02/22 13:50*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*07/01/22 08:22*	*07/02/22 13:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4780**		25.0		mg/Kg			07/05/22 14:54	5

Client Sample ID: S-16 5'

Date Collected: 06/29/22 13:32
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-23
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 12:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 12:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 12:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/07/22 14:51	07/10/22 12:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/07/22 14:51	07/10/22 12:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/07/22 14:51	07/10/22 12:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/07/22 14:51*	*07/10/22 12:04*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/07/22 14:51*	*07/10/22 12:04*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**52.6**		49.9		mg/Kg			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 14:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 14:12	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-16 5'

Lab Sample ID: 880-16508-23
Matrix: Solid
Date Collected: 06/29/22 13:32
Date Received: 06/30/22 15:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	52.6		49.9		mg/Kg		07/01/22 08:22	07/02/22 14:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*07/01/22 08:22*	*07/02/22 14:12*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*07/01/22 08:22*	*07/02/22 14:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3670		24.9		mg/Kg			07/05/22 15:02	5

Client Sample ID: S-16 10'

Lab Sample ID: 880-16508-24
Matrix: Solid
Date Collected: 06/29/22 13:33
Date Received: 06/30/22 15:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 12:24	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 12:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 12:24	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/07/22 14:51	07/10/22 12:24	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/07/22 14:51	07/10/22 12:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/07/22 14:51	07/10/22 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/07/22 14:51*	*07/10/22 12:24*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/07/22 14:51*	*07/10/22 12:24*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 14:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 14:34	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*07/01/22 08:22*	*07/02/22 14:34*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*07/01/22 08:22*	*07/02/22 14:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	3650		25.0		mg/Kg			07/05/22 15:10	5

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-17 1'

Date Collected: 06/29/22 13:05
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-25
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 12:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 12:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 12:45	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/07/22 14:51	07/10/22 12:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/07/22 14:51	07/10/22 12:45	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/07/22 14:51	07/10/22 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/07/22 14:51*	*07/10/22 12:45*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/07/22 14:51*	*07/10/22 12:45*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**84.1**		50.0		mg/Kg			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**84.1**		50.0		mg/Kg		07/01/22 08:22	07/02/22 14:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 14:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 14:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*07/01/22 08:22*	*07/02/22 14:55*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*07/01/22 08:22*	*07/02/22 14:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5760**		49.7		mg/Kg			07/05/22 15:18	10

Client Sample ID: S-17 3'

Date Collected: 06/29/22 13:06
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-26
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/07/22 15:00	07/11/22 07:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/07/22 15:00	07/11/22 07:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/07/22 15:00	07/11/22 07:27	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/07/22 15:00	07/11/22 07:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/07/22 15:00	07/11/22 07:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/07/22 15:00	07/11/22 07:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/07/22 15:00*	*07/11/22 07:27*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/07/22 15:00*	*07/11/22 07:27*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-17 3'

Date Collected: 06/29/22 13:06
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-26
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 15:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 15:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 15:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*07/01/22 08:22*	*07/02/22 15:17*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*07/01/22 08:22*	*07/02/22 15:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2070**		25.3		mg/Kg			07/05/22 15:42	5

Client Sample ID: S-17 5'

Date Collected: 06/29/22 13:07
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-27
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/07/22 15:00	07/11/22 07:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/07/22 15:00	07/11/22 07:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/07/22 15:00	07/11/22 07:47	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		07/07/22 15:00	07/11/22 07:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/07/22 15:00	07/11/22 07:47	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/07/22 15:00	07/11/22 07:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/07/22 15:00*	*07/11/22 07:47*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/07/22 15:00*	*07/11/22 07:47*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			07/08/22 15:11	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**57.2**		49.9		mg/Kg			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**57.2**		49.9		mg/Kg		07/01/22 08:22	07/02/22 15:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 15:39	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-17 5'

Lab Sample ID: 880-16508-27
Matrix: Solid
Date Collected: 06/29/22 13:07
Date Received: 06/30/22 15:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*07/01/22 08:22*	*07/02/22 15:39*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*07/01/22 08:22*	*07/02/22 15:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**4970**		49.9		mg/Kg			07/05/22 15:49	10

Client Sample ID: S-17 10'

Lab Sample ID: 880-16508-28
Matrix: Solid
Date Collected: 06/29/22 13:08
Date Received: 06/30/22 15:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/07/22 15:00	07/11/22 08:08	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/07/22 15:00	07/11/22 08:08	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/07/22 15:00	07/11/22 08:08	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/07/22 15:00	07/11/22 08:08	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/07/22 15:00	07/11/22 08:08	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/07/22 15:00	07/11/22 08:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/07/22 15:00*	*07/11/22 08:08*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/07/22 15:00*	*07/11/22 08:08*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 16:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 16:22	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*07/01/22 08:22*	*07/02/22 16:22*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/01/22 08:22*	*07/02/22 16:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9270**		49.5		mg/Kg			07/05/22 15:57	10

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-18 1'

Date Collected: 06/29/22 12:55
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-29

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/07/22 15:00	07/11/22 08:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/07/22 15:00	07/11/22 08:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/07/22 15:00	07/11/22 08:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/07/22 15:00	07/11/22 08:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/07/22 15:00	07/11/22 08:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/07/22 15:00	07/11/22 08:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/07/22 15:00*	*07/11/22 08:28*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/07/22 15:00*	*07/11/22 08:28*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 16:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 16:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 16:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*07/01/22 08:22*	*07/02/22 16:43*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*07/01/22 08:22*	*07/02/22 16:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3850**		24.8		mg/Kg			07/05/22 16:05	5

Client Sample ID: S-18 3'

Date Collected: 06/29/22 12:56
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-30

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 08:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 08:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 08:48	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/07/22 15:00	07/11/22 08:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 08:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/07/22 15:00	07/11/22 08:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/07/22 15:00*	*07/11/22 08:48*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/07/22 15:00*	*07/11/22 08:48*	*1*

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-18 3'

Date Collected: 06/29/22 12:56
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-30
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 17:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 17:05	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*07/01/22 08:22*	*07/02/22 17:05*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*07/01/22 08:22*	*07/02/22 17:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9320**		50.4		mg/Kg			07/05/22 16:13	10

Client Sample ID: S-18 5'

Date Collected: 06/29/22 12:57
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-31
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 09:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 09:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 09:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/07/22 15:00	07/11/22 09:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 09:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/07/22 15:00	07/11/22 09:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/07/22 15:00*	*07/11/22 09:09*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/07/22 15:00*	*07/11/22 09:09*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 17:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 17:27	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-18 5'

Date Collected: 06/29/22 12:57
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-31
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*07/01/22 08:22*	*07/02/22 17:27*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*07/01/22 08:22*	*07/02/22 17:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5320**	**F1**	50.5		mg/Kg			07/05/22 16:21	10

Client Sample ID: S-18 10'

Date Collected: 06/29/22 12:58
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-32
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/07/22 15:00	07/11/22 09:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/07/22 15:00	07/11/22 09:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/07/22 15:00	07/11/22 09:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/07/22 15:00	07/11/22 09:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/07/22 15:00	07/11/22 09:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/07/22 15:00	07/11/22 09:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/07/22 15:00*	*07/11/22 09:29*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/07/22 15:00*	*07/11/22 09:29*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 17:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 17:48	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 17:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*07/01/22 08:22*	*07/02/22 17:48*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*07/01/22 08:22*	*07/02/22 17:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.4**		4.97		mg/Kg			07/05/22 16:44	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-19 1'

Date Collected: 06/29/22 11:40
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-33

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/07/22 15:00	07/11/22 09:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/07/22 15:00	07/11/22 09:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/07/22 15:00	07/11/22 09:50	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/07/22 15:00	07/11/22 09:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/07/22 15:00	07/11/22 09:50	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/07/22 15:00	07/11/22 09:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/07/22 15:00*	*07/11/22 09:50*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/07/22 15:00*	*07/11/22 09:50*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 18:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 18:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*07/01/22 08:22*	*07/02/22 18:10*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*07/01/22 08:22*	*07/02/22 18:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.3**		4.98		mg/Kg			07/05/22 16:52	1

Client Sample ID: S-19 3'

Date Collected: 06/29/22 11:41
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-34

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 10:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 10:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 10:10	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/07/22 15:00	07/11/22 10:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 10:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/07/22 15:00	07/11/22 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/07/22 15:00*	*07/11/22 10:10*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/07/22 15:00*	*07/11/22 10:10*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-19 3'

Date Collected: 06/29/22 11:41
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-34
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 18:31	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 18:31	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/01/22 08:22	07/02/22 18:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*07/01/22 08:22*	*07/02/22 18:31*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*07/01/22 08:22*	*07/02/22 18:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**6300**		49.8		mg/Kg			07/05/22 17:16	10

Client Sample ID: S-19 5'

Date Collected: 06/29/22 11:42
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-35
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 10:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 10:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 10:31	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/07/22 15:00	07/11/22 10:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 15:00	07/11/22 10:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/07/22 15:00	07/11/22 10:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/07/22 15:00*	*07/11/22 10:31*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/07/22 15:00*	*07/11/22 10:31*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/01/22 08:22	07/02/22 18:53	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/01/22 08:22	07/02/22 18:53	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-19 5'

Lab Sample ID: 880-16508-35
Matrix: Solid
Date Collected: 06/29/22 11:42
Date Received: 06/30/22 15:58

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/01/22 08:22	07/02/22 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*07/01/22 08:22*	*07/02/22 18:53*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*07/01/22 08:22*	*07/02/22 18:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13100**		99.0		mg/Kg			07/05/22 17:24	20

Client Sample ID: S-19 10'

Lab Sample ID: 880-16508-36
Matrix: Solid
Date Collected: 06/29/22 11:43
Date Received: 06/30/22 15:58

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/07/22 15:00	07/11/22 12:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/07/22 15:00	07/11/22 12:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/07/22 15:00	07/11/22 12:22	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/07/22 15:00	07/11/22 12:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/07/22 15:00	07/11/22 12:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/07/22 15:00	07/11/22 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/07/22 15:00*	*07/11/22 12:22*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/07/22 15:00*	*07/11/22 12:22*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			07/08/22 15:11	1

Method: 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			07/05/22 11:27	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 19:14	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 19:14	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 19:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*07/01/22 08:22*	*07/02/22 19:14*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*07/01/22 08:22*	*07/02/22 19:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**3090**		24.8		mg/Kg			07/05/22 17:32	5

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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)
880-16508-1	S-3 1'	105	96
880-16508-2	S-3 3'	115	98
880-16508-3	S-3 5'	110	100
880-16508-4	S-3 10'	120	102
880-16508-5	S-4 1'	117	103
880-16508-6	S-4 3'	115	94
880-16508-6 MS	S-4 3'	110	93
880-16508-6 MSD	S-4 3'	87	102
880-16508-7	S-4 5'	118	93
880-16508-8	S-4 10'	105	96
880-16508-9	S-8 1'	109	87
880-16508-10	S-8 3'	107	92
880-16508-11	S-8 5'	109	92
880-16508-12	S-8 10'	107	95
880-16508-13	S-10 1'	107	97
880-16508-14	S-10 3'	113	98
880-16508-15	S-10 5'	113	93
880-16508-16	S-10 10'	117	98
880-16508-17	S-11 1'	82	91
880-16508-18	S-11 3'	105	96
880-16508-19	S-11 5'	107	93
880-16508-20	S-11 10'	116	98
880-16508-21	S-16 1'	95	118
880-16508-22	S-16 3'	116	101
880-16508-23	S-16 5'	115	102
880-16508-24	S-16 10'	117	103
880-16508-25	S-17 1'	111	94
880-16508-26	S-17 3'	114	98
880-16508-26 MS	S-17 3'	110	93
880-16508-26 MSD	S-17 3'	109	95
880-16508-27	S-17 5'	111	98
880-16508-28	S-17 10'	111	96
880-16508-29	S-18 1'	110	100
880-16508-30	S-18 3'	114	102
880-16508-31	S-18 5'	112	95
880-16508-32	S-18 10'	111	100
880-16508-33	S-19 1'	109	103
880-16508-34	S-19 3'	109	99
880-16508-35	S-19 5'	112	99
880-16508-36	S-19 10'	112	101
880-16557-A-5-E MS	Matrix Spike	111	103
880-16557-A-5-F MSD	Matrix Spike Duplicate	108	98
LCS 880-29191/1-A	Lab Control Sample	105	100
LCS 880-29218/1-A	Lab Control Sample	123	95
LCS 880-29219/1-A	Lab Control Sample	109	94
LCSD 880-29191/2-A	Lab Control Sample Dup	109	97
LCSD 880-29218/2-A	Lab Control Sample Dup	112	95
LCSD 880-29219/2-A	Lab Control Sample Dup	108	92
MB 880-28771/5-A	Method Blank	101	98

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-16508-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

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 880-29191/5-A	Method Blank	103	99
MB 880-29212/5-A	Method Blank	104	99
MB 880-29218/5-A	Method Blank	101	96
MB 880-29219/5-A	Method Blank	105	94

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-16373-A-38-E MS	Matrix Spike	90	82
880-16373-A-38-F MSD	Matrix Spike Duplicate	90	87
880-16508-1	S-3 1'	105	106
880-16508-1 MS	S-3 1'	92	93
880-16508-1 MSD	S-3 1'	91	90
880-16508-2	S-3 3'	120	126
880-16508-3	S-3 5'	108	116
880-16508-4	S-3 10'	107	112
880-16508-5	S-4 1'	124	130
880-16508-6	S-4 3'	107	114
880-16508-7	S-4 5'	137 S1+	139 S1+
880-16508-8	S-4 10'	127	128
880-16508-9	S-8 1'	114	119
880-16508-10	S-8 3'	110	116
880-16508-11	S-8 5'	106	109
880-16508-12	S-8 10'	99	105
880-16508-13	S-10 1'	116	125
880-16508-14	S-10 3'	107	115
880-16508-15	S-10 5'	118	122
880-16508-16	S-10 10'	123	128
880-16508-17	S-11 1'	108	118
880-16508-18	S-11 3'	106	111
880-16508-19	S-11 5'	106	110
880-16508-20	S-11 10'	111	120
880-16508-21	S-16 1'	92	100
880-16508-22	S-16 3'	91	98
880-16508-23	S-16 5'	92	98
880-16508-24	S-16 10'	102	113
880-16508-25	S-17 1'	106	117
880-16508-26	S-17 3'	92	99
880-16508-27	S-17 5'	104	115
880-16508-28	S-17 10'	93	101
880-16508-29	S-18 1'	102	110
880-16508-30	S-18 3'	109	118
880-16508-31	S-18 5'	103	114
880-16508-32	S-18 10'	98	103

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-16508-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

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)
880-16508-33	S-19 1'	93	96
880-16508-34	S-19 3'	96	103
880-16508-35	S-19 5'	96	103
880-16508-36	S-19 10'	99	107
LCS 880-28805/2-A	Lab Control Sample	103	96
LCS 880-28827/2-A	Lab Control Sample	83	84
LCSD 880-28805/3-A	Lab Control Sample Dup	107	105
LCSD 880-28827/3-A	Lab Control Sample Dup	78	80
MB 880-28805/1-A	Method Blank	114	114
MB 880-28827/1-A	Method Blank	109	120

Surrogate Legend

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

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-28771/5-A
Matrix: Solid
Analysis Batch: 29357

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 28771

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 16:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 16:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 16:41	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		06/30/22 15:42	07/09/22 16:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		06/30/22 15:42	07/09/22 16:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		06/30/22 15:42	07/09/22 16:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*06/30/22 15:42*	*07/09/22 16:41*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*06/30/22 15:42*	*07/09/22 16:41*	*1*

Lab Sample ID: MB 880-29191/5-A
Matrix: Solid
Analysis Batch: 29173

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29191

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 12:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 12:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 12:31	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/07/22 10:17	07/07/22 12:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 10:17	07/07/22 12:31	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/07/22 10:17	07/07/22 12:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/07/22 10:17*	*07/07/22 12:31*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/07/22 10:17*	*07/07/22 12:31*	*1*

Lab Sample ID: LCS 880-29191/1-A
Matrix: Solid
Analysis Batch: 29173

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29191

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09870		mg/Kg		99	70 - 130		
Toluene			0.100	0.1043		mg/Kg		104	70 - 130		
Ethylbenzene			0.100	0.08958		mg/Kg		90	70 - 130		
m,p-Xylenes			0.200	0.1825		mg/Kg		91	70 - 130		
o-Xylene			0.100	0.1042		mg/Kg		104	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-29191/2-A
Matrix: Solid
Analysis Batch: 29173

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 29191

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09476		mg/Kg		95	70 - 130	4	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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

Lab Sample ID: LCSD 880-29191/2-A
Matrix: Solid
Analysis Batch: 29173

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 29191

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1077		mg/Kg		108	70 - 130	3	35
Ethylbenzene			0.100	0.09471		mg/Kg		95	70 - 130	6	35
m,p-Xylenes			0.200	0.1942		mg/Kg		97	70 - 130	6	35
o-Xylene			0.100	0.1100		mg/Kg		110	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: 880-16557-A-5-E MS
Matrix: Solid
Analysis Batch: 29173

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 29191

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.09714		mg/Kg		96	70 - 130
Toluene	<0.00199	U	0.101	0.1018		mg/Kg		101	70 - 130
Ethylbenzene	<0.00199	U	0.101	0.08591		mg/Kg		85	70 - 130
m,p-Xylenes	<0.00398	U	0.202	0.1763		mg/Kg		87	70 - 130
o-Xylene	<0.00199	U	0.101	0.09959		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 880-16557-A-5-F MSD
Matrix: Solid
Analysis Batch: 29173

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 29191

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09385		mg/Kg		94	70 - 130	3	35
Toluene	<0.00199	U	0.100	0.1051		mg/Kg		105	70 - 130	3	35
Ethylbenzene	<0.00199	U	0.100	0.09028		mg/Kg		90	70 - 130	5	35
m,p-Xylenes	<0.00398	U	0.200	0.1853		mg/Kg		92	70 - 130	5	35
o-Xylene	<0.00199	U	0.100	0.1044		mg/Kg		104	70 - 130	5	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 880-29212/5-A
Matrix: Solid
Analysis Batch: 29365

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29212

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:20	07/10/22 19:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:20	07/10/22 19:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:20	07/10/22 19:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/07/22 14:20	07/10/22 19:22	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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

Lab Sample ID: MB 880-29212/5-A
Matrix: Solid
Analysis Batch: 29365

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29212

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:20	07/10/22 19:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/07/22 14:20	07/10/22 19:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/07/22 14:20*	*07/10/22 19:22*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/07/22 14:20*	*07/10/22 19:22*	*1*

Lab Sample ID: MB 880-29218/5-A
Matrix: Solid
Analysis Batch: 29357

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 29218

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 04:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 04:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 04:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/07/22 14:51	07/10/22 04:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/07/22 14:51	07/10/22 04:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/07/22 14:51	07/10/22 04:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/07/22 14:51*	*07/10/22 04:18*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/07/22 14:51*	*07/10/22 04:18*	*1*

Lab Sample ID: LCS 880-29218/1-A
Matrix: Solid
Analysis Batch: 29357

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29218

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09413		mg/Kg		94	70 - 130		
Toluene			0.100	0.1128		mg/Kg		113	70 - 130		
Ethylbenzene			0.100	0.1015		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.2102		mg/Kg		105	70 - 130		
o-Xylene			0.100	0.1233		mg/Kg		123	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-29218/2-A
Matrix: Solid
Analysis Batch: 29357

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 29218

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09390		mg/Kg		94	70 - 130	0	35
Toluene			0.100	0.1111		mg/Kg		111	70 - 130	2	35
Ethylbenzene			0.100	0.09779		mg/Kg		98	70 - 130	4	35
m,p-Xylenes			0.200	0.2005		mg/Kg		100	70 - 130	5	35
o-Xylene			0.100	0.1152		mg/Kg		115	70 - 130	7	35

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: 880-16508-6 MS — **Client Sample ID: S-4 3'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 29357 — **Prep Batch: 29218**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U F1 F2	0.101	0.07145		mg/Kg		71	70 - 130
Toluene	<0.00199	U F1 F2	0.101	0.08567		mg/Kg		85	70 - 130
Ethylbenzene	<0.00199	U F1 F2	0.101	0.07591		mg/Kg		75	70 - 130
m,p-Xylenes	<0.00398	U F1 F2	0.201	0.1566		mg/Kg		78	70 - 130
o-Xylene	<0.00199	U F1 F2	0.101	0.09125		mg/Kg		91	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	93		70 - 130

Lab Sample ID: 880-16508-6 MSD — **Client Sample ID: S-4 3'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 29357 — **Prep Batch: 29218**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1 F2	0.100	0.01472	F1 F2	mg/Kg		15	70 - 130	132	35
Toluene	<0.00199	U F1 F2	0.100	0.01682	F1 F2	mg/Kg		17	70 - 130	134	35
Ethylbenzene	<0.00199	U F1 F2	0.100	0.01503	F1 F2	mg/Kg		15	70 - 130	134	35
m,p-Xylenes	<0.00398	U F1 F2	0.200	0.03244	F1 F2	mg/Kg		16	70 - 130	131	35
o-Xylene	<0.00199	U F1 F2	0.100	0.01973	F1 F2	mg/Kg		20	70 - 130	129	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	87		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

Lab Sample ID: MB 880-29219/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 29365 — **Prep Batch: 29219**

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/07/22 15:00	07/11/22 06:58	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/07/22 15:00	07/11/22 06:58	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/07/22 15:00	07/11/22 06:58	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/07/22 15:00	07/11/22 06:58	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/07/22 15:00	07/11/22 06:58	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/07/22 15:00	07/11/22 06:58	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130	07/07/22 15:00	07/11/22 06:58	1
1,4-Difluorobenzene (Surr)	94		70 - 130	07/07/22 15:00	07/11/22 06:58	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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

Lab Sample ID: LCS 880-29219/1-A
Matrix: Solid
Analysis Batch: 29365

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 29219

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08825		mg/Kg		88	70 - 130		
Toluene			0.100	0.1052		mg/Kg		105	70 - 130		
Ethylbenzene			0.100	0.09230		mg/Kg		92	70 - 130		
m,p-Xylenes			0.200	0.1890		mg/Kg		94	70 - 130		
o-Xylene			0.100	0.1106		mg/Kg		111	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: LCSD 880-29219/2-A
Matrix: Solid
Analysis Batch: 29365

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 29219

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08703		mg/Kg		87	70 - 130	1	35
Toluene			0.100	0.1029		mg/Kg		103	70 - 130	2	35
Ethylbenzene			0.100	0.09136		mg/Kg		91	70 - 130	1	35
m,p-Xylenes			0.200	0.1873		mg/Kg		94	70 - 130	1	35
o-Xylene			0.100	0.1085		mg/Kg		108	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: 880-16508-26 MS
Matrix: Solid
Analysis Batch: 29365

Client Sample ID: S-17 3'
Prep Type: Total/NA
Prep Batch: 29219

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.101	0.09010		mg/Kg		89	70 - 130		
Toluene	<0.00199	U	0.101	0.1049		mg/Kg		104	70 - 130		
Ethylbenzene	<0.00199	U	0.101	0.09144		mg/Kg		91	70 - 130		
m,p-Xylenes	<0.00398	U	0.202	0.1869		mg/Kg		93	70 - 130		
o-Xylene	<0.00199	U	0.101	0.1081		mg/Kg		107	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-16508-26 MSD
Matrix: Solid
Analysis Batch: 29365

Client Sample ID: S-17 3'
Prep Type: Total/NA
Prep Batch: 29219

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U	0.100	0.09103		mg/Kg		91	70 - 130	1	35
Toluene	<0.00199	U	0.100	0.09952		mg/Kg		99	70 - 130	5	35
Ethylbenzene	<0.00199	U	0.100	0.08638		mg/Kg		86	70 - 130	6	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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

Lab Sample ID: 880-16508-26 MSD
Matrix: Solid
Analysis Batch: 29365

Client Sample ID: S-17 3'
Prep Type: Total/NA
Prep Batch: 29219

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00398	U	0.200	0.1753		mg/Kg		87	70 - 130	6	35
o-Xylene	<0.00199	U	0.100	0.1019		mg/Kg		102	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

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

Lab Sample ID: MB 880-28805/1-A
Matrix: Solid
Analysis Batch: 28916

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 28805

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		07/01/22 08:22	07/02/22 10:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 10:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 08:22	07/02/22 10:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/01/22 08:22*	*07/02/22 10:34*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*07/01/22 08:22*	*07/02/22 10:34*	*1*

Lab Sample ID: LCS 880-28805/2-A
Matrix: Solid
Analysis Batch: 28916

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 28805

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	852.2		mg/Kg		85	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	968.8		mg/Kg		97	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*
o-Terphenyl (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-28805/3-A
Matrix: Solid
Analysis Batch: 28916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 28805

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	965.3		mg/Kg		97	70 - 130	12	20
Diesel Range Organics (Over C10-C28)			1000	1036		mg/Kg		104	70 - 130	7	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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

Lab Sample ID: LCSD 880-28805/3-A
Matrix: Solid
Analysis Batch: 28916

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 28805

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*107*		*70 - 130*
o-Terphenyl (Surr)	*105*		*70 - 130*

Lab Sample ID: 880-16373-A-38-E MS
Matrix: Solid
Analysis Batch: 28916

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 28805

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	790.0		mg/Kg		79	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	708.5		mg/Kg		70	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*90*		*70 - 130*
o-Terphenyl (Surr)	*82*		*70 - 130*

Lab Sample ID: 880-16373-A-38-F MSD
Matrix: Solid
Analysis Batch: 28916

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 28805

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	996	808.4		mg/Kg		81	70 - 130	2	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	736.3		mg/Kg		72	70 - 130	4	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*90*		*70 - 130*
o-Terphenyl (Surr)	*87*		*70 - 130*

Lab Sample ID: MB 880-28827/1-A
Matrix: Solid
Analysis Batch: 28801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 28827

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		07/01/22 10:09	07/01/22 19:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/01/22 19:45	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/01/22 10:09	07/01/22 19:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*07/01/22 10:09*	*07/01/22 19:45*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*07/01/22 10:09*	*07/01/22 19:45*	*1*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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

Lab Sample ID: LCS 880-28827/2-A
Matrix: Solid
Analysis Batch: 28801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 28827

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1132		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	935.8		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*83*		*70 - 130*
o-Terphenyl (Surr)	*84*		*70 - 130*

Lab Sample ID: LCSD 880-28827/3-A
Matrix: Solid
Analysis Batch: 28801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 28827

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	963.8		mg/Kg		96	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	884.5		mg/Kg		88	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*78*		*70 - 130*
o-Terphenyl (Surr)	*80*		*70 - 130*

Lab Sample ID: 880-16508-1 MS
Matrix: Solid
Analysis Batch: 28801

Client Sample ID: S-3 1'
Prep Type: Total/NA
Prep Batch: 28827

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 F2	996	1012		mg/Kg		102	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	741.6		mg/Kg		74	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*92*		*70 - 130*
o-Terphenyl (Surr)	*93*		*70 - 130*

Lab Sample ID: 880-16508-1 MSD
Matrix: Solid
Analysis Batch: 28801

Client Sample ID: S-3 1'
Prep Type: Total/NA
Prep Batch: 28827

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<49.9	U F2	996	796.8	F2	mg/Kg		80	70 - 130	24	20
Diesel Range Organics (Over C10-C28)	<49.9	U	996	736.6		mg/Kg		74	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*91*		*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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

Lab Sample ID: 880-16508-1 MSD
Matrix: Solid
Analysis Batch: 28801

Client Sample ID: S-3 1'
Prep Type: Total/NA
Prep Batch: 28827

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	90		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-28846/1-A
Matrix: Solid
Analysis Batch: 29060

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/05/22 14:07	1

Lab Sample ID: LCS 880-28846/2-A
Matrix: Solid
Analysis Batch: 29060

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.5		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-28846/3-A
Matrix: Solid
Analysis Batch: 29060

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	244.9		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-16508-21 MS
Matrix: Solid
Analysis Batch: 29060

Client Sample ID: S-16 1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	80.6		249	329.9		mg/Kg		100	90 - 110		

Lab Sample ID: 880-16508-21 MSD
Matrix: Solid
Analysis Batch: 29060

Client Sample ID: S-16 1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	80.6		249	330.4		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-16508-31 MS
Matrix: Solid
Analysis Batch: 29060

Client Sample ID: S-18 5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	5320	F1	2530	8719	F1	mg/Kg		135	90 - 110		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-16508-31 MSD
Matrix: Solid
Analysis Batch: 29060

Client Sample ID: S-18 5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	5320	F1	2530	8716	F1	mg/Kg		135	90 - 110	0	20

Lab Sample ID: MB 880-28844/1-A
Matrix: Solid
Analysis Batch: 29190

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/07/22 17:10	1

Lab Sample ID: LCS 880-28844/2-A
Matrix: Solid
Analysis Batch: 29190

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	240.3		mg/Kg		96	90 - 110		

Lab Sample ID: LCSD 880-28844/3-A
Matrix: Solid
Analysis Batch: 29190

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	242.1		mg/Kg		97	90 - 110	1	20

Lab Sample ID: 880-16508-1 MS
Matrix: Solid
Analysis Batch: 29190

Client Sample ID: S-3 1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	59.0		249	322.8		mg/Kg		106	90 - 110		

Lab Sample ID: 880-16508-1 MSD
Matrix: Solid
Analysis Batch: 29190

Client Sample ID: S-3 1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	59.0		249	324.9		mg/Kg		107	90 - 110	1	20

Lab Sample ID: 880-16508-11 MS
Matrix: Solid
Analysis Batch: 29190

Client Sample ID: S-8 5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	13.3	F1	248	284.6		mg/Kg		110	90 - 110		

Lab Sample ID: 880-16508-11 MSD
Matrix: Solid
Analysis Batch: 29190

Client Sample ID: S-8 5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.3	F1	248	290.1	F1	mg/Kg		112	90 - 110	2	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

GC VOA

Prep Batch: 28771

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-28771/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 29173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-1	S-3 1'	Total/NA	Solid	8021B	29191
880-16508-2	S-3 3'	Total/NA	Solid	8021B	29191
880-16508-3	S-3 5'	Total/NA	Solid	8021B	29191
880-16508-4	S-3 10'	Total/NA	Solid	8021B	29191
880-16508-5	S-4 1'	Total/NA	Solid	8021B	29191
MB 880-29191/5-A	Method Blank	Total/NA	Solid	8021B	29191
LCS 880-29191/1-A	Lab Control Sample	Total/NA	Solid	8021B	29191
LCSD 880-29191/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29191
880-16557-A-5-E MS	Matrix Spike	Total/NA	Solid	8021B	29191
880-16557-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	29191

Prep Batch: 29191

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-1	S-3 1'	Total/NA	Solid	5035	
880-16508-2	S-3 3'	Total/NA	Solid	5035	
880-16508-3	S-3 5'	Total/NA	Solid	5035	
880-16508-4	S-3 10'	Total/NA	Solid	5035	
880-16508-5	S-4 1'	Total/NA	Solid	5035	
MB 880-29191/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29191/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29191/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16557-A-5-E MS	Matrix Spike	Total/NA	Solid	5035	
880-16557-A-5-F MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 29212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-29212/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 29218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-6	S-4 3'	Total/NA	Solid	5035	
880-16508-7	S-4 5'	Total/NA	Solid	5035	
880-16508-8	S-4 10'	Total/NA	Solid	5035	
880-16508-9	S-8 1'	Total/NA	Solid	5035	
880-16508-10	S-8 3'	Total/NA	Solid	5035	
880-16508-11	S-8 5'	Total/NA	Solid	5035	
880-16508-12	S-8 10'	Total/NA	Solid	5035	
880-16508-13	S-10 1'	Total/NA	Solid	5035	
880-16508-14	S-10 3'	Total/NA	Solid	5035	
880-16508-15	S-10 5'	Total/NA	Solid	5035	
880-16508-16	S-10 10'	Total/NA	Solid	5035	
880-16508-17	S-11 1'	Total/NA	Solid	5035	
880-16508-18	S-11 3'	Total/NA	Solid	5035	
880-16508-19	S-11 5'	Total/NA	Solid	5035	
880-16508-20	S-11 10'	Total/NA	Solid	5035	
880-16508-21	S-16 1'	Total/NA	Solid	5035	
880-16508-22	S-16 3'	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

GC VOA (Continued)

Prep Batch: 29218 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-23	S-16 5'	Total/NA	Solid	5035	
880-16508-24	S-16 10'	Total/NA	Solid	5035	
880-16508-25	S-17 1'	Total/NA	Solid	5035	
MB 880-29218/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29218/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29218/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16508-6 MS	S-4 3'	Total/NA	Solid	5035	
880-16508-6 MSD	S-4 3'	Total/NA	Solid	5035	

Prep Batch: 29219

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-26	S-17 3'	Total/NA	Solid	5035	
880-16508-27	S-17 5'	Total/NA	Solid	5035	
880-16508-28	S-17 10'	Total/NA	Solid	5035	
880-16508-29	S-18 1'	Total/NA	Solid	5035	
880-16508-30	S-18 3'	Total/NA	Solid	5035	
880-16508-31	S-18 5'	Total/NA	Solid	5035	
880-16508-32	S-18 10'	Total/NA	Solid	5035	
880-16508-33	S-19 1'	Total/NA	Solid	5035	
880-16508-34	S-19 3'	Total/NA	Solid	5035	
880-16508-35	S-19 5'	Total/NA	Solid	5035	
880-16508-36	S-19 10'	Total/NA	Solid	5035	
MB 880-29219/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-29219/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-29219/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-16508-26 MS	S-17 3'	Total/NA	Solid	5035	
880-16508-26 MSD	S-17 3'	Total/NA	Solid	5035	

Analysis Batch: 29328

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-1	S-3 1'	Total/NA	Solid	Total BTEX	
880-16508-2	S-3 3'	Total/NA	Solid	Total BTEX	
880-16508-3	S-3 5'	Total/NA	Solid	Total BTEX	
880-16508-4	S-3 10'	Total/NA	Solid	Total BTEX	
880-16508-5	S-4 1'	Total/NA	Solid	Total BTEX	
880-16508-6	S-4 3'	Total/NA	Solid	Total BTEX	
880-16508-7	S-4 5'	Total/NA	Solid	Total BTEX	
880-16508-8	S-4 10'	Total/NA	Solid	Total BTEX	
880-16508-9	S-8 1'	Total/NA	Solid	Total BTEX	
880-16508-10	S-8 3'	Total/NA	Solid	Total BTEX	
880-16508-11	S-8 5'	Total/NA	Solid	Total BTEX	
880-16508-12	S-8 10'	Total/NA	Solid	Total BTEX	
880-16508-13	S-10 1'	Total/NA	Solid	Total BTEX	
880-16508-14	S-10 3'	Total/NA	Solid	Total BTEX	
880-16508-15	S-10 5'	Total/NA	Solid	Total BTEX	
880-16508-16	S-10 10'	Total/NA	Solid	Total BTEX	
880-16508-17	S-11 1'	Total/NA	Solid	Total BTEX	
880-16508-18	S-11 3'	Total/NA	Solid	Total BTEX	
880-16508-19	S-11 5'	Total/NA	Solid	Total BTEX	
880-16508-20	S-11 10'	Total/NA	Solid	Total BTEX	
880-16508-21	S-16 1'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 880-16508-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

GC VOA (Continued)

Analysis Batch: 29328 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-22	S-16 3'	Total/NA	Solid	Total BTEX	
880-16508-23	S-16 5'	Total/NA	Solid	Total BTEX	
880-16508-24	S-16 10'	Total/NA	Solid	Total BTEX	
880-16508-25	S-17 1'	Total/NA	Solid	Total BTEX	
880-16508-26	S-17 3'	Total/NA	Solid	Total BTEX	
880-16508-27	S-17 5'	Total/NA	Solid	Total BTEX	
880-16508-28	S-17 10'	Total/NA	Solid	Total BTEX	
880-16508-29	S-18 1'	Total/NA	Solid	Total BTEX	
880-16508-30	S-18 3'	Total/NA	Solid	Total BTEX	
880-16508-31	S-18 5'	Total/NA	Solid	Total BTEX	
880-16508-32	S-18 10'	Total/NA	Solid	Total BTEX	
880-16508-33	S-19 1'	Total/NA	Solid	Total BTEX	
880-16508-34	S-19 3'	Total/NA	Solid	Total BTEX	
880-16508-35	S-19 5'	Total/NA	Solid	Total BTEX	
880-16508-36	S-19 10'	Total/NA	Solid	Total BTEX	

Analysis Batch: 29357

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-6	S-4 3'	Total/NA	Solid	8021B	29218
880-16508-7	S-4 5'	Total/NA	Solid	8021B	29218
880-16508-8	S-4 10'	Total/NA	Solid	8021B	29218
880-16508-9	S-8 1'	Total/NA	Solid	8021B	29218
880-16508-10	S-8 3'	Total/NA	Solid	8021B	29218
880-16508-11	S-8 5'	Total/NA	Solid	8021B	29218
880-16508-12	S-8 10'	Total/NA	Solid	8021B	29218
880-16508-13	S-10 1'	Total/NA	Solid	8021B	29218
880-16508-14	S-10 3'	Total/NA	Solid	8021B	29218
880-16508-15	S-10 5'	Total/NA	Solid	8021B	29218
880-16508-16	S-10 10'	Total/NA	Solid	8021B	29218
880-16508-17	S-11 1'	Total/NA	Solid	8021B	29218
880-16508-18	S-11 3'	Total/NA	Solid	8021B	29218
880-16508-19	S-11 5'	Total/NA	Solid	8021B	29218
880-16508-20	S-11 10'	Total/NA	Solid	8021B	29218
880-16508-21	S-16 1'	Total/NA	Solid	8021B	29218
880-16508-22	S-16 3'	Total/NA	Solid	8021B	29218
880-16508-23	S-16 5'	Total/NA	Solid	8021B	29218
880-16508-24	S-16 10'	Total/NA	Solid	8021B	29218
880-16508-25	S-17 1'	Total/NA	Solid	8021B	29218
MB 880-28771/5-A	Method Blank	Total/NA	Solid	8021B	28771
MB 880-29218/5-A	Method Blank	Total/NA	Solid	8021B	29218
LCS 880-29218/1-A	Lab Control Sample	Total/NA	Solid	8021B	29218
LCSD 880-29218/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29218
880-16508-6 MS	S-4 3'	Total/NA	Solid	8021B	29218
880-16508-6 MSD	S-4 3'	Total/NA	Solid	8021B	29218

Analysis Batch: 29365

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-26	S-17 3'	Total/NA	Solid	8021B	29219
880-16508-27	S-17 5'	Total/NA	Solid	8021B	29219
880-16508-28	S-17 10'	Total/NA	Solid	8021B	29219
880-16508-29	S-18 1'	Total/NA	Solid	8021B	29219

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

GC VOA (Continued)

Analysis Batch: 29365 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-30	S-18 3'	Total/NA	Solid	8021B	29219
880-16508-31	S-18 5'	Total/NA	Solid	8021B	29219
880-16508-32	S-18 10'	Total/NA	Solid	8021B	29219
880-16508-33	S-19 1'	Total/NA	Solid	8021B	29219
880-16508-34	S-19 3'	Total/NA	Solid	8021B	29219
880-16508-35	S-19 5'	Total/NA	Solid	8021B	29219
880-16508-36	S-19 10'	Total/NA	Solid	8021B	29219
MB 880-29212/5-A	Method Blank	Total/NA	Solid	8021B	29212
MB 880-29219/5-A	Method Blank	Total/NA	Solid	8021B	29219
LCS 880-29219/1-A	Lab Control Sample	Total/NA	Solid	8021B	29219
LCSD 880-29219/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	29219
880-16508-26 MS	S-17 3'	Total/NA	Solid	8021B	29219
880-16508-26 MSD	S-17 3'	Total/NA	Solid	8021B	29219

GC Semi VOA

Analysis Batch: 28801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-1	S-3 1'	Total/NA	Solid	8015B NM	28827
880-16508-2	S-3 3'	Total/NA	Solid	8015B NM	28827
880-16508-3	S-3 5'	Total/NA	Solid	8015B NM	28827
880-16508-4	S-3 10'	Total/NA	Solid	8015B NM	28827
880-16508-5	S-4 1'	Total/NA	Solid	8015B NM	28827
880-16508-6	S-4 3'	Total/NA	Solid	8015B NM	28827
880-16508-7	S-4 5'	Total/NA	Solid	8015B NM	28827
880-16508-8	S-4 10'	Total/NA	Solid	8015B NM	28827
880-16508-9	S-8 1'	Total/NA	Solid	8015B NM	28827
880-16508-10	S-8 3'	Total/NA	Solid	8015B NM	28827
880-16508-11	S-8 5'	Total/NA	Solid	8015B NM	28827
880-16508-12	S-8 10'	Total/NA	Solid	8015B NM	28827
880-16508-13	S-10 1'	Total/NA	Solid	8015B NM	28827
880-16508-14	S-10 3'	Total/NA	Solid	8015B NM	28827
880-16508-15	S-10 5'	Total/NA	Solid	8015B NM	28827
880-16508-16	S-10 10'	Total/NA	Solid	8015B NM	28827
880-16508-17	S-11 1'	Total/NA	Solid	8015B NM	28827
880-16508-18	S-11 3'	Total/NA	Solid	8015B NM	28827
880-16508-19	S-11 5'	Total/NA	Solid	8015B NM	28827
880-16508-20	S-11 10'	Total/NA	Solid	8015B NM	28827
MB 880-28827/1-A	Method Blank	Total/NA	Solid	8015B NM	28827
LCS 880-28827/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28827
LCSD 880-28827/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28827
880-16508-1 MS	S-3 1'	Total/NA	Solid	8015B NM	28827
880-16508-1 MSD	S-3 1'	Total/NA	Solid	8015B NM	28827

Prep Batch: 28805

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-21	S-16 1'	Total/NA	Solid	8015NM Prep	
880-16508-22	S-16 3'	Total/NA	Solid	8015NM Prep	
880-16508-23	S-16 5'	Total/NA	Solid	8015NM Prep	
880-16508-24	S-16 10'	Total/NA	Solid	8015NM Prep	
880-16508-25	S-17 1'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 880-16508-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

GC Semi VOA (Continued)

Prep Batch: 28805 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-26	S-17 3'	Total/NA	Solid	8015NM Prep	
880-16508-27	S-17 5'	Total/NA	Solid	8015NM Prep	
880-16508-28	S-17 10'	Total/NA	Solid	8015NM Prep	
880-16508-29	S-18 1'	Total/NA	Solid	8015NM Prep	
880-16508-30	S-18 3'	Total/NA	Solid	8015NM Prep	
880-16508-31	S-18 5'	Total/NA	Solid	8015NM Prep	
880-16508-32	S-18 10'	Total/NA	Solid	8015NM Prep	
880-16508-33	S-19 1'	Total/NA	Solid	8015NM Prep	
880-16508-34	S-19 3'	Total/NA	Solid	8015NM Prep	
880-16508-35	S-19 5'	Total/NA	Solid	8015NM Prep	
880-16508-36	S-19 10'	Total/NA	Solid	8015NM Prep	
MB 880-28805/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28805/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28805/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16373-A-38-E MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
880-16373-A-38-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Prep Batch: 28827

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-1	S-3 1'	Total/NA	Solid	8015NM Prep	
880-16508-2	S-3 3'	Total/NA	Solid	8015NM Prep	
880-16508-3	S-3 5'	Total/NA	Solid	8015NM Prep	
880-16508-4	S-3 10'	Total/NA	Solid	8015NM Prep	
880-16508-5	S-4 1'	Total/NA	Solid	8015NM Prep	
880-16508-6	S-4 3'	Total/NA	Solid	8015NM Prep	
880-16508-7	S-4 5'	Total/NA	Solid	8015NM Prep	
880-16508-8	S-4 10'	Total/NA	Solid	8015NM Prep	
880-16508-9	S-8 1'	Total/NA	Solid	8015NM Prep	
880-16508-10	S-8 3'	Total/NA	Solid	8015NM Prep	
880-16508-11	S-8 5'	Total/NA	Solid	8015NM Prep	
880-16508-12	S-8 10'	Total/NA	Solid	8015NM Prep	
880-16508-13	S-10 1'	Total/NA	Solid	8015NM Prep	
880-16508-14	S-10 3'	Total/NA	Solid	8015NM Prep	
880-16508-15	S-10 5'	Total/NA	Solid	8015NM Prep	
880-16508-16	S-10 10'	Total/NA	Solid	8015NM Prep	
880-16508-17	S-11 1'	Total/NA	Solid	8015NM Prep	
880-16508-18	S-11 3'	Total/NA	Solid	8015NM Prep	
880-16508-19	S-11 5'	Total/NA	Solid	8015NM Prep	
880-16508-20	S-11 10'	Total/NA	Solid	8015NM Prep	
MB 880-28827/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-28827/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-28827/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-16508-1 MS	S-3 1'	Total/NA	Solid	8015NM Prep	
880-16508-1 MSD	S-3 1'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 28916

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-21	S-16 1'	Total/NA	Solid	8015B NM	28805
880-16508-22	S-16 3'	Total/NA	Solid	8015B NM	28805
880-16508-23	S-16 5'	Total/NA	Solid	8015B NM	28805
880-16508-24	S-16 10'	Total/NA	Solid	8015B NM	28805

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

GC Semi VOA (Continued)

Analysis Batch: 28916 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-25	S-17 1'	Total/NA	Solid	8015B NM	28805
880-16508-26	S-17 3'	Total/NA	Solid	8015B NM	28805
880-16508-27	S-17 5'	Total/NA	Solid	8015B NM	28805
880-16508-28	S-17 10'	Total/NA	Solid	8015B NM	28805
880-16508-29	S-18 1'	Total/NA	Solid	8015B NM	28805
880-16508-30	S-18 3'	Total/NA	Solid	8015B NM	28805
880-16508-31	S-18 5'	Total/NA	Solid	8015B NM	28805
880-16508-32	S-18 10'	Total/NA	Solid	8015B NM	28805
880-16508-33	S-19 1'	Total/NA	Solid	8015B NM	28805
880-16508-34	S-19 3'	Total/NA	Solid	8015B NM	28805
880-16508-35	S-19 5'	Total/NA	Solid	8015B NM	28805
880-16508-36	S-19 10'	Total/NA	Solid	8015B NM	28805
MB 880-28805/1-A	Method Blank	Total/NA	Solid	8015B NM	28805
LCS 880-28805/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	28805
LCSD 880-28805/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	28805
880-16373-A-38-E MS	Matrix Spike	Total/NA	Solid	8015B NM	28805
880-16373-A-38-F MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	28805

Analysis Batch: 29020

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-1	S-3 1'	Total/NA	Solid	8015 NM	
880-16508-2	S-3 3'	Total/NA	Solid	8015 NM	
880-16508-3	S-3 5'	Total/NA	Solid	8015 NM	
880-16508-4	S-3 10'	Total/NA	Solid	8015 NM	
880-16508-5	S-4 1'	Total/NA	Solid	8015 NM	
880-16508-6	S-4 3'	Total/NA	Solid	8015 NM	
880-16508-7	S-4 5'	Total/NA	Solid	8015 NM	
880-16508-8	S-4 10'	Total/NA	Solid	8015 NM	
880-16508-9	S-8 1'	Total/NA	Solid	8015 NM	
880-16508-10	S-8 3'	Total/NA	Solid	8015 NM	
880-16508-11	S-8 5'	Total/NA	Solid	8015 NM	
880-16508-12	S-8 10'	Total/NA	Solid	8015 NM	
880-16508-13	S-10 1'	Total/NA	Solid	8015 NM	
880-16508-14	S-10 3'	Total/NA	Solid	8015 NM	
880-16508-15	S-10 5'	Total/NA	Solid	8015 NM	
880-16508-16	S-10 10'	Total/NA	Solid	8015 NM	
880-16508-17	S-11 1'	Total/NA	Solid	8015 NM	
880-16508-18	S-11 3'	Total/NA	Solid	8015 NM	
880-16508-19	S-11 5'	Total/NA	Solid	8015 NM	
880-16508-20	S-11 10'	Total/NA	Solid	8015 NM	
880-16508-21	S-16 1'	Total/NA	Solid	8015 NM	
880-16508-22	S-16 3'	Total/NA	Solid	8015 NM	
880-16508-23	S-16 5'	Total/NA	Solid	8015 NM	
880-16508-24	S-16 10'	Total/NA	Solid	8015 NM	
880-16508-25	S-17 1'	Total/NA	Solid	8015 NM	
880-16508-26	S-17 3'	Total/NA	Solid	8015 NM	
880-16508-27	S-17 5'	Total/NA	Solid	8015 NM	
880-16508-28	S-17 10'	Total/NA	Solid	8015 NM	
880-16508-29	S-18 1'	Total/NA	Solid	8015 NM	
880-16508-30	S-18 3'	Total/NA	Solid	8015 NM	
880-16508-31	S-18 5'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 880-16508-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

GC Semi VOA (Continued)

Analysis Batch: 29020 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-32	S-18 10'	Total/NA	Solid	8015 NM	
880-16508-33	S-19 1'	Total/NA	Solid	8015 NM	
880-16508-34	S-19 3'	Total/NA	Solid	8015 NM	
880-16508-35	S-19 5'	Total/NA	Solid	8015 NM	
880-16508-36	S-19 10'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 28844

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-1	S-3 1'	Soluble	Solid	DI Leach	
880-16508-2	S-3 3'	Soluble	Solid	DI Leach	
880-16508-3	S-3 5'	Soluble	Solid	DI Leach	
880-16508-4	S-3 10'	Soluble	Solid	DI Leach	
880-16508-5	S-4 1'	Soluble	Solid	DI Leach	
880-16508-6	S-4 3'	Soluble	Solid	DI Leach	
880-16508-7	S-4 5'	Soluble	Solid	DI Leach	
880-16508-8	S-4 10'	Soluble	Solid	DI Leach	
880-16508-9	S-8 1'	Soluble	Solid	DI Leach	
880-16508-10	S-8 3'	Soluble	Solid	DI Leach	
880-16508-11	S-8 5'	Soluble	Solid	DI Leach	
880-16508-12	S-8 10'	Soluble	Solid	DI Leach	
880-16508-13	S-10 1'	Soluble	Solid	DI Leach	
880-16508-14	S-10 3'	Soluble	Solid	DI Leach	
880-16508-15	S-10 5'	Soluble	Solid	DI Leach	
880-16508-16	S-10 10'	Soluble	Solid	DI Leach	
880-16508-17	S-11 1'	Soluble	Solid	DI Leach	
880-16508-18	S-11 3'	Soluble	Solid	DI Leach	
880-16508-19	S-11 5'	Soluble	Solid	DI Leach	
880-16508-20	S-11 10'	Soluble	Solid	DI Leach	
MB 880-28844/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28844/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28844/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16508-1 MS	S-3 1'	Soluble	Solid	DI Leach	
880-16508-1 MSD	S-3 1'	Soluble	Solid	DI Leach	
880-16508-11 MS	S-8 5'	Soluble	Solid	DI Leach	
880-16508-11 MSD	S-8 5'	Soluble	Solid	DI Leach	

Leach Batch: 28846

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-21	S-16 1'	Soluble	Solid	DI Leach	
880-16508-22	S-16 3'	Soluble	Solid	DI Leach	
880-16508-23	S-16 5'	Soluble	Solid	DI Leach	
880-16508-24	S-16 10'	Soluble	Solid	DI Leach	
880-16508-25	S-17 1'	Soluble	Solid	DI Leach	
880-16508-26	S-17 3'	Soluble	Solid	DI Leach	
880-16508-27	S-17 5'	Soluble	Solid	DI Leach	
880-16508-28	S-17 10'	Soluble	Solid	DI Leach	
880-16508-29	S-18 1'	Soluble	Solid	DI Leach	
880-16508-30	S-18 3'	Soluble	Solid	DI Leach	
880-16508-31	S-18 5'	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 880-16508-1
Project/Site: Salado Draw Water Loop Line SDG: 22-0105-07

HPLC/IC (Continued)

Leach Batch: 28846 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-32	S-18 10'	Soluble	Solid	DI Leach	
880-16508-33	S-19 1'	Soluble	Solid	DI Leach	
880-16508-34	S-19 3'	Soluble	Solid	DI Leach	
880-16508-35	S-19 5'	Soluble	Solid	DI Leach	
880-16508-36	S-19 10'	Soluble	Solid	DI Leach	
MB 880-28846/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-28846/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-28846/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-16508-21 MS	S-16 1'	Soluble	Solid	DI Leach	
880-16508-21 MSD	S-16 1'	Soluble	Solid	DI Leach	
880-16508-31 MS	S-18 5'	Soluble	Solid	DI Leach	
880-16508-31 MSD	S-18 5'	Soluble	Solid	DI Leach	

Analysis Batch: 29060

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-21	S-16 1'	Soluble	Solid	300.0	28846
880-16508-22	S-16 3'	Soluble	Solid	300.0	28846
880-16508-23	S-16 5'	Soluble	Solid	300.0	28846
880-16508-24	S-16 10'	Soluble	Solid	300.0	28846
880-16508-25	S-17 1'	Soluble	Solid	300.0	28846
880-16508-26	S-17 3'	Soluble	Solid	300.0	28846
880-16508-27	S-17 5'	Soluble	Solid	300.0	28846
880-16508-28	S-17 10'	Soluble	Solid	300.0	28846
880-16508-29	S-18 1'	Soluble	Solid	300.0	28846
880-16508-30	S-18 3'	Soluble	Solid	300.0	28846
880-16508-31	S-18 5'	Soluble	Solid	300.0	28846
880-16508-32	S-18 10'	Soluble	Solid	300.0	28846
880-16508-33	S-19 1'	Soluble	Solid	300.0	28846
880-16508-34	S-19 3'	Soluble	Solid	300.0	28846
880-16508-35	S-19 5'	Soluble	Solid	300.0	28846
880-16508-36	S-19 10'	Soluble	Solid	300.0	28846
MB 880-28846/1-A	Method Blank	Soluble	Solid	300.0	28846
LCS 880-28846/2-A	Lab Control Sample	Soluble	Solid	300.0	28846
LCSD 880-28846/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28846
880-16508-21 MS	S-16 1'	Soluble	Solid	300.0	28846
880-16508-21 MSD	S-16 1'	Soluble	Solid	300.0	28846
880-16508-31 MS	S-18 5'	Soluble	Solid	300.0	28846
880-16508-31 MSD	S-18 5'	Soluble	Solid	300.0	28846

Analysis Batch: 29190

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-1	S-3 1'	Soluble	Solid	300.0	28844
880-16508-2	S-3 3'	Soluble	Solid	300.0	28844
880-16508-3	S-3 5'	Soluble	Solid	300.0	28844
880-16508-4	S-3 10'	Soluble	Solid	300.0	28844
880-16508-5	S-4 1'	Soluble	Solid	300.0	28844
880-16508-6	S-4 3'	Soluble	Solid	300.0	28844
880-16508-7	S-4 5'	Soluble	Solid	300.0	28844
880-16508-8	S-4 10'	Soluble	Solid	300.0	28844
880-16508-9	S-8 1'	Soluble	Solid	300.0	28844
880-16508-10	S-8 3'	Soluble	Solid	300.0	28844

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

HPLC/IC (Continued)

Analysis Batch: 29190 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-16508-11	S-8 5'	Soluble	Solid	300.0	28844
880-16508-12	S-8 10'	Soluble	Solid	300.0	28844
880-16508-13	S-10 1'	Soluble	Solid	300.0	28844
880-16508-14	S-10 3'	Soluble	Solid	300.0	28844
880-16508-15	S-10 5'	Soluble	Solid	300.0	28844
880-16508-16	S-10 10'	Soluble	Solid	300.0	28844
880-16508-17	S-11 1'	Soluble	Solid	300.0	28844
880-16508-18	S-11 3'	Soluble	Solid	300.0	28844
880-16508-19	S-11 5'	Soluble	Solid	300.0	28844
880-16508-20	S-11 10'	Soluble	Solid	300.0	28844
MB 880-28844/1-A	Method Blank	Soluble	Solid	300.0	28844
LCS 880-28844/2-A	Lab Control Sample	Soluble	Solid	300.0	28844
LCSD 880-28844/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	28844
880-16508-1 MS	S-3 1'	Soluble	Solid	300.0	28844
880-16508-1 MSD	S-3 1'	Soluble	Solid	300.0	28844
880-16508-11 MS	S-8 5'	Soluble	Solid	300.0	28844
880-16508-11 MSD	S-8 5'	Soluble	Solid	300.0	28844

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-3 1'
Date Collected: 06/29/22 13:05
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-1
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	29191	07/07/22 10:17	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/07/22 18:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 20:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 17:33	CH	XEN MID

Client Sample ID: S-3 3'
Date Collected: 06/29/22 13:06
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-2
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			4.95 g	5 mL	29191	07/07/22 10:17	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/07/22 18:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 21:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 17:57	CH	XEN MID

Client Sample ID: S-3 5'
Date Collected: 06/29/22 13:07
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-3
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			4.99 g	5 mL	29191	07/07/22 10:17	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/07/22 19:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 22:17	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 18:05	CH	XEN MID

Client Sample ID: S-3 10'
Date Collected: 06/29/22 13:08
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-4
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	29191	07/07/22 10:17	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/07/22 19:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-3 10'
Date Collected: 06/29/22 13:08
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-4
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			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 22:38	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 18:13	CH	XEN MID

Client Sample ID: S-4 1'
Date Collected: 06/29/22 14:45
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-5
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	29191	07/07/22 10:17	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29173	07/07/22 19:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 22:59	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 18:21	CH	XEN MID

Client Sample ID: S-4 3'
Date Collected: 06/29/22 14:46
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-6
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			5.02 g	5 mL	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 04:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 23:21	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 18:44	CH	XEN MID

Client Sample ID: S-4 5'
Date Collected: 06/29/22 14:47
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-7
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			5.05 g	5 mL	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 05:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/01/22 23:42	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-4 5'
Date Collected: 06/29/22 14:47
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-7
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			4.95 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 18:52	CH	XEN MID

Client Sample ID: S-4 10'
Date Collected: 06/29/22 14:48
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 05:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 00:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 19:00	CH	XEN MID

Client Sample ID: S-8 1'
Date Collected: 06/29/22 14:30
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 05:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 00:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 19:08	CH	XEN MID

Client Sample ID: S-8 3'
Date Collected: 06/29/22 14:31
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-10
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			5.03 g	5 mL	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 06:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 00:47	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 19:16	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-8 5'
Date Collected: 06/29/22 14:32
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 06:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 01:30	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/07/22 19:23	CH	XEN MID

Client Sample ID: S-8 10'
Date Collected: 06/29/22 14:33
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 06:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 01:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/08/22 11:37	CH	XEN MID

Client Sample ID: S-10 1'
Date Collected: 06/29/22 14:05
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-13
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	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 07:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 02:13	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/08/22 11:45	CH	XEN MID

Client Sample ID: S-10 3'
Date Collected: 06/29/22 14:06
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-14
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	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 07:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-10 3'
Date Collected: 06/29/22 14:06
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-14
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			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 02:35	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/08/22 12:09	CH	XEN MID

Client Sample ID: S-10 5'
Date Collected: 06/29/22 14:07
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.96 g	5 mL	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 07:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 02:56	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/08/22 12:17	CH	XEN MID

Client Sample ID: S-10 10'
Date Collected: 06/29/22 14:08
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-16
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			4.99 g	5 mL	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 09:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 03:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/08/22 12:24	CH	XEN MID

Client Sample ID: S-11 1'
Date Collected: 06/29/22 13:45
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-17
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	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 10:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 03:39	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-11 1'
Date Collected: 06/29/22 13:45
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-17
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 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/08/22 12:32	CH	XEN MID

Client Sample ID: S-11 3'
Date Collected: 06/29/22 13:46
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-18
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	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 10:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 04:01	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/08/22 12:40	CH	XEN MID

Client Sample ID: S-11 5'
Date Collected: 06/29/22 13:47
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 10:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 04:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		1			29190	07/08/22 12:48	CH	XEN MID

Client Sample ID: S-11 10'
Date Collected: 06/29/22 13:48
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-20
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	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 11:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28827	07/01/22 10:09	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28801	07/02/22 04:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	28844	07/01/22 12:09	CH	XEN MID
Soluble	Analysis	300.0		20			29190	07/08/22 12:56	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-16 1'

Lab Sample ID: 880-16508-21
Matrix: Solid
Date Collected: 06/29/22 13:30
Date Received: 06/30/22 15:58

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	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 11:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 13:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			29060	07/05/22 14:31	CH	XEN MID

Client Sample ID: S-16 3'

Lab Sample ID: 880-16508-22
Matrix: Solid
Date Collected: 06/29/22 13:31
Date Received: 06/30/22 15:58

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	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 11:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 13:50	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		5			29060	07/05/22 14:54	CH	XEN MID

Client Sample ID: S-16 5'

Lab Sample ID: 880-16508-23
Matrix: Solid
Date Collected: 06/29/22 13:32
Date Received: 06/30/22 15:58

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	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 12:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 14:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		5			29060	07/05/22 15:02	CH	XEN MID

Client Sample ID: S-16 10'

Lab Sample ID: 880-16508-24
Matrix: Solid
Date Collected: 06/29/22 13:33
Date Received: 06/30/22 15:58

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	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 12:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-16 10'
Date Collected: 06/29/22 13:33
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-24
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			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 14:34	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		5			29060	07/05/22 15:10	CH	XEN MID

Client Sample ID: S-17 1'
Date Collected: 06/29/22 13:05
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-25
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	29218	07/07/22 14:51	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29357	07/10/22 12:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 14:55	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		10			29060	07/05/22 15:18	CH	XEN MID

Client Sample ID: S-17 3'
Date Collected: 06/29/22 13:06
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-26
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 07:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 15:17	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		5			29060	07/05/22 15:42	CH	XEN MID

Client Sample ID: S-17 5'
Date Collected: 06/29/22 13:07
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-27
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 07:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 15:39	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-17 5'
Date Collected: 06/29/22 13:07
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-27
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			5.01 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		10			29060	07/05/22 15:49	CH	XEN MID

Client Sample ID: S-17 10'
Date Collected: 06/29/22 13:08
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-28
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 08:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 16:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		10			29060	07/05/22 15:57	CH	XEN MID

Client Sample ID: S-18 1'
Date Collected: 06/29/22 12:55
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-29
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	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 08:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 16:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		5			29060	07/05/22 16:05	CH	XEN MID

Client Sample ID: S-18 3'
Date Collected: 06/29/22 12:56
Date Received: 06/30/22 15:58

Lab Sample ID: 880-16508-30
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	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 08:48	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 17:05	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		10			29060	07/05/22 16:13	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-18 5'

Lab Sample ID: 880-16508-31
Matrix: Solid
Date Collected: 06/29/22 12:57
Date Received: 06/30/22 15:58

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	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 09:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 17:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		10			29060	07/05/22 16:21	CH	XEN MID

Client Sample ID: S-18 10'

Lab Sample ID: 880-16508-32
Matrix: Solid
Date Collected: 06/29/22 12:58
Date Received: 06/30/22 15:58

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	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 09:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 17:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			29060	07/05/22 16:44	CH	XEN MID

Client Sample ID: S-19 1'

Lab Sample ID: 880-16508-33
Matrix: Solid
Date Collected: 06/29/22 11:40
Date Received: 06/30/22 15:58

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	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 09:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 18:10	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		1			29060	07/05/22 16:52	CH	XEN MID

Client Sample ID: S-19 3'

Lab Sample ID: 880-16508-34
Matrix: Solid
Date Collected: 06/29/22 11:41
Date Received: 06/30/22 15:58

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 10:10	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Client Sample ID: S-19 3'

Lab Sample ID: 880-16508-34
Matrix: Solid
Date Collected: 06/29/22 11:41
Date Received: 06/30/22 15:58

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			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 18:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		10			29060	07/05/22 17:16	CH	XEN MID

Client Sample ID: S-19 5'

Lab Sample ID: 880-16508-35
Matrix: Solid
Date Collected: 06/29/22 11:42
Date Received: 06/30/22 15:58

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	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 10:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 18:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		20			29060	07/05/22 17:24	CH	XEN MID

Client Sample ID: S-19 10'

Lab Sample ID: 880-16508-36
Matrix: Solid
Date Collected: 06/29/22 11:43
Date Received: 06/30/22 15:58

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	29219	07/07/22 15:00	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	29365	07/11/22 12:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			29328	07/08/22 15:11	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			29020	07/05/22 11:27	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	28805	07/01/22 08:22	DM	XEN MID
Total/NA	Analysis	8015B NM		1			28916	07/02/22 19:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	28846	07/01/22 12:12	CH	XEN MID
Soluble	Analysis	300.0		5			29060	07/05/22 17:32	CH	XEN MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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	T104704400-22-24	06-30-23

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

Method Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

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

Protocol References:

ASTM = ASTM International

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

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

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Salado Draw Water Loop Line

Job ID: 880-16508-1
SDG: 22-0105-07

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-16508-1	S-3 1'	Solid	06/29/22 13:05	06/30/22 15:58
880-16508-2	S-3 3'	Solid	06/29/22 13:06	06/30/22 15:58
880-16508-3	S-3 5'	Solid	06/29/22 13:07	06/30/22 15:58
880-16508-4	S-3 10'	Solid	06/29/22 13:08	06/30/22 15:58
880-16508-5	S-4 1'	Solid	06/29/22 14:45	06/30/22 15:58
880-16508-6	S-4 3'	Solid	06/29/22 14:46	06/30/22 15:58
880-16508-7	S-4 5'	Solid	06/29/22 14:47	06/30/22 15:58
880-16508-8	S-4 10'	Solid	06/29/22 14:48	06/30/22 15:58
880-16508-9	S-8 1'	Solid	06/29/22 14:30	06/30/22 15:58
880-16508-10	S-8 3'	Solid	06/29/22 14:31	06/30/22 15:58
880-16508-11	S-8 5'	Solid	06/29/22 14:32	06/30/22 15:58
880-16508-12	S-8 10'	Solid	06/29/22 14:33	06/30/22 15:58
880-16508-13	S-10 1'	Solid	06/29/22 14:05	06/30/22 15:58
880-16508-14	S-10 3'	Solid	06/29/22 14:06	06/30/22 15:58
880-16508-15	S-10 5'	Solid	06/29/22 14:07	06/30/22 15:58
880-16508-16	S-10 10'	Solid	06/29/22 14:08	06/30/22 15:58
880-16508-17	S-11 1'	Solid	06/29/22 13:45	06/30/22 15:58
880-16508-18	S-11 3'	Solid	06/29/22 13:46	06/30/22 15:58
880-16508-19	S-11 5'	Solid	06/29/22 13:47	06/30/22 15:58
880-16508-20	S-11 10'	Solid	06/29/22 13:48	06/30/22 15:58
880-16508-21	S-16 1'	Solid	06/29/22 13:30	06/30/22 15:58
880-16508-22	S-16 3'	Solid	06/29/22 13:31	06/30/22 15:58
880-16508-23	S-16 5'	Solid	06/29/22 13:32	06/30/22 15:58
880-16508-24	S-16 10'	Solid	06/29/22 13:33	06/30/22 15:58
880-16508-25	S-17 1'	Solid	06/29/22 13:05	06/30/22 15:58
880-16508-26	S-17 3'	Solid	06/29/22 13:06	06/30/22 15:58
880-16508-27	S-17 5'	Solid	06/29/22 13:07	06/30/22 15:58
880-16508-28	S-17 10'	Solid	06/29/22 13:08	06/30/22 15:58
880-16508-29	S-18 1'	Solid	06/29/22 12:55	06/30/22 15:58
880-16508-30	S-18 3'	Solid	06/29/22 12:56	06/30/22 15:58
880-16508-31	S-18 5'	Solid	06/29/22 12:57	06/30/22 15:58
880-16508-32	S-18 10'	Solid	06/29/22 12:58	06/30/22 15:58
880-16508-33	S-19 1'	Solid	06/29/22 11:40	06/30/22 15:58
880-16508-34	S-19 3'	Solid	06/29/22 11:41	06/30/22 15:58
880-16508-35	S-19 5'	Solid	06/29/22 11:42	06/30/22 15:58
880-16508-36	S-19 10'	Solid	06/29/22 11:43	06/30/22 15:58

No. 2587

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N Marienfeld, Ste 202
Midland, TX 79701
432-687-0901

Data Reported to

DATE 6/30/22 PAGE 1 OF 3

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Salado Draw Water Loop Line

LAI PROJECT # 22-0105-07 COLLECTOR: TP + JR

TRRP report? ☐ Yes ☒ No

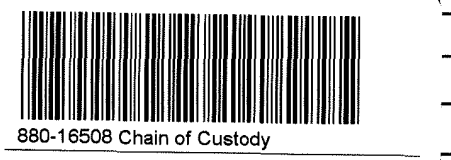
S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE
Time zone/State: MST/NM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
S-3 1'		6/29/22	1305	S	1				X		X	
S-3 3'			1306									
S-3 5'			1307									
S-3 10'			1308									
S-4 1'			1445									
S-4 3'			1446									
S-4 5'			1447									
S-4 10'			1448									
S-8 1'			1430									
S-8 3'			1431									
S-8 5'			1432									
S-8 10'			1433									
S-10 1'			1405									
S-10 3'			1406									
S-10 5'		"	1407	"	"				"		"	

ANALYSES: BTEX ☐ MTBE ☐ TPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐ GASOLINE MOD 8015 ☐ DIESEL - MOD 8015 ☐ OIL - MOD 8015 ☐ VOC 8260 ☐ SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ 8082 PCBS ☐ TCLP - METALS (RCRA) ☐ TCLP - PEST ☐ HERB ☐ TCLP VOC ☐ TOTAL METALS (RCRA) ☐ Semi-VOC ☐ LEAD - TOTAL ☐ D W 200.8 ☐ OTHER LIST ☐ RCI ☐ TOX ☐ FLASHPOINT ☐ TCLP ☐ TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ pH ☐ HEXAVALENT CHROMIUM ☐ EXPLOSIVES ☐ PECHLORATE ☐ CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐

TOTAL 15



RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
[signature]	6/30/22 1550	[signature]
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 3.1 THERM# IR#2
CUSTODY SEALS - ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL #
☑ HAND DELIVERED

No. 2588

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N Marienfeld, Ste 202
Midland, TX 79701
432-687-0901

Data Reported to

DATE: 6-30-22 PAGE 2 OF 3

PO# _____ LAB WORK ORDER# _____

PROJECT LOCATION OR NAME: Salado Draw Water Loop Line

LAI PROJECT #: 22-0105-07 COLLECTOR: TP + JR

TRRP report? ☐ Yes ☒ No

TIME ZONE Time zone/State: MST/NM

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

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX # ☐ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 # | DIESEL - MOD 8015 # | OIL - MOD 8015 # | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDE # ANIONS ☐ ALKALINITY ☐

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	BTEX #	MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 #	DIESEL - MOD 8015 #	OIL - MOD 8015 #	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE # ANIONS ☐ ALKALINITY ☐	FIELD NOTES
S-10 10'		6-29-22	1408	S	1				X		X				X	X	X															
S-11 1'			1345																													
S-11 3'			1346																													
S-11 5'			1347																													
S-11 10'			1348																													
S-16 1'			1330																													
S-16 3'			1331																													
S-16 5'			1332																													
S-16 10'			1333																													
S-17 1'			1305																													
S-17 3'			1306																													
S-17 5'			1307																													
S-17 10'			1308																													
S-18 1'			1255																													
S-18 3'			1256																													
TOTAL 15																																

RELINQUISHED BY (Signature) | DATE/TIME 6/30/22 1558 | RECEIVED BY (Signature)

RELINQUISHED BY (Signature) | DATE/TIME | RECEIVED BY (Signature)

RELINQUISHED BY (Signature) | DATE/TIME | RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY
RECEIVING TEMP 3.1 THERM#: IR8-7
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

No. 2589

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N Marienfeld, Ste 202
Midland, TX 79701
432-687-0901

Data Reported to

DATE: 6-30-22 PAGE 3 OF 3

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Salado Draw Water Loop Line

LAI PROJECT #: 22-0105-07 COLLECTOR: TP & JR

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MST/NM

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ | TPH 1006 ☐ | GASOLINE MOD 8015 ☒ | DIESEL - MOD 8015 ☒ | OIL - MOD 8015 ☒ | VOC 8260 ☐ | SVOC 8270 ☐ | PAH 8270 ☐ | HOLDPAH ☐ | 8081 PESTICIDES ☐ | 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ | TCLP VOC ☐ | TCLP - PEST ☐ | HERB ☐ | Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ | OTHER LIST ☐ | LEAD - TOTAL ☐ | D W 200.8 ☐ | TCLP ☐ | RCI ☐ | TOX ☐ | FLASHPOINT ☐ | TDS ☐ | TSS ☐ | % MOISTURE ☐ | pH ☐ | HEXAVALENT CHROMIUM ☐ | CYANIDE ☐ | EXPLOSIVES ☐ | PECHLORATE ☐ | CHLORIDES ☒ | ANIONS ☐ | ALKALINITY ☐

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
S-18 5'		6/29/22	1257	S	1				X		BTEX, GASOLINE, DIESEL, OIL, CHLORIDES	
S-18 10'		"	1258	"	"				"		"	
S-19 1'		"	1140	"	"				"		"	
S-19 3'		"	1141	"	"				"		"	
S-19 5'		"	1142	"	"				"		"	
S-19 10'		"	1143	"	"				"		"	Loc: 880 16508

TOTAL 6

RELINQUISHED BY (Signature)	DATE/TIME 6/30/22 1550	RECEIVED BY (Signature)	
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)	

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 3.1 THERM#: IR8 -2
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-16508-1
SDG Number: 22-0105-07

Login Number: 16508
List Number: 1
Creator: Rodriguez, Leticia

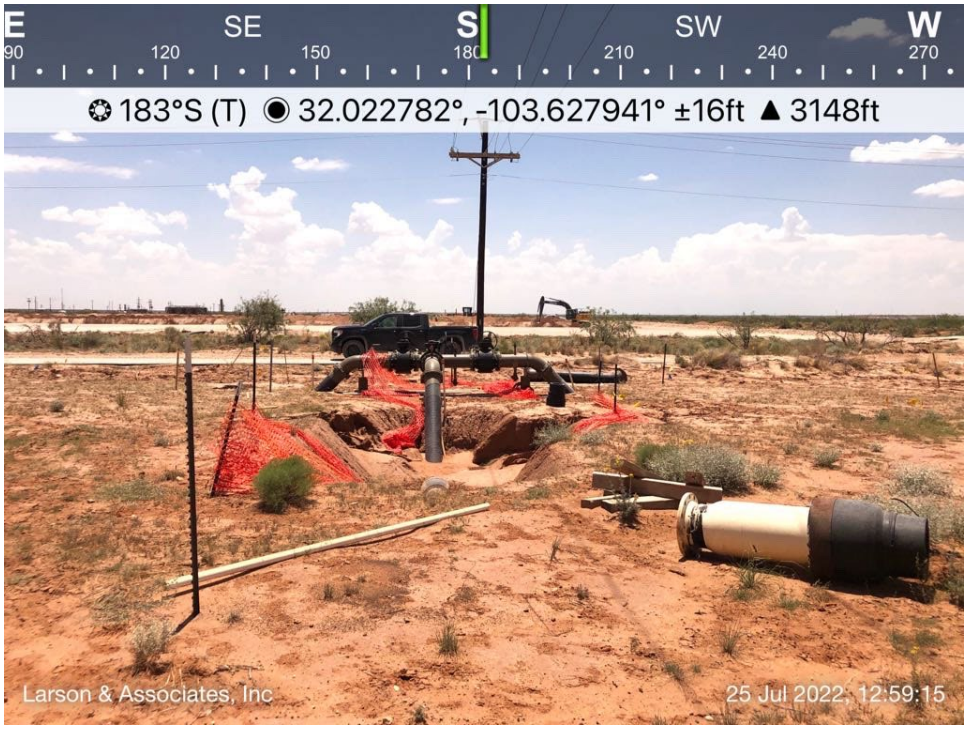
List Source: Eurofins Midland

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

Appendix E

Photographs

Impacted area viewing east



Release source and impacted area viewing south

Impacted area viewing east

Impacted area viewing west

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 129989

CONDITIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 129989
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
jnobui	Remediation Plan Approved.	8/3/2022