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	nAPP2211536378
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: OXY USA INC	OGRID: 16696
Contact Name: WADE DITTRICH	Contact Telephone: (575)390-2828
Contact email: WADE_DITTRICH@OXY.COM	Incident # *(assigned by OCD)*
Contact mailing address: PO BOX 4294; HOUSTON, TX 77210	

Location of Release Source

Latitude 32.679580 Longitude -104.098066
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Turkey Tract Water Treatment Facility	Site Type: Water Treatment Facility
Date Release Discovered: 1/24/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
F	8	19 S	29 E	Eddy

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls): 300 bbls	Volume Recovered (bbls): 260 bbls
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	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: Aboveground Storage Tank (AST) overflowed due to high level.

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? Release greater than 25 bbls.
If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Wade Dittrich with OXY Permian via email on January 26, 2022 at 9.56AM MST to OCD.enviro@state.nm.us and Ryan Mann (rmann@slo@state.nm.us).	

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: Wade Dittrich Title: Environmental Coordinator

Signature: Wade Dittrich Date: 4-25-22

email: wade_dittrich@oxy.com Telephone: (575)390-2828

OCD Only

Received by: _____ Date: _____

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2211536378
District RP	
Facility ID	
Application ID	

Closure

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

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

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

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

☑ Description of remediation activities

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

Printed Name: Wade Dittrich Title: Environmental Specialist

Signature: Wade Dittrich Date: 1/9/2023

Email: wade_dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Jocelyn Harimon Date: 01/19/2023

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

Closure Approved by: Robert Hamlet Date: 5/18/2023

Printed Name: Robert Hamlet Title: Environmental Specialist - Advanced

State of New Mexico
Oil Conservation Division

Incident ID	nAPP2211536378
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?	>80 (ft bgs)
Did this release impact groundwater or surface water?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?	☐ Yes ☑ No
Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?	☐ Yes ☑ No
Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes?	☐ Yes ☑ No
Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?	☐ Yes ☑ No
Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?	☐ Yes ☑ No
Are the lateral extents of the release within 300 feet of a wetland?	☐ Yes ☑ No
Are the lateral extents of the release overlying a subsurface mine?	☐ Yes ☑ No
Are the lateral extents of the release overlying an unstable area such as karst geology?	☐ Yes ☑ No
Are the lateral extents of the release within a 100-year floodplain?	☐ Yes ☑ No
Did the release impact areas **not** on an exploration, development, production, or storage site?	☑ Yes ☐ No

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

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

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

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

State of New Mexico
Oil Conservation Division

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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: Wade Dittrich Title: Environmental Specialist

Signature: Wade Dittrich Date: 1/9/2023

Email: Wade_Dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Jocelyn Harimon Date: 01/19/2023

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.***

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

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

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

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

Printed Name: Wade Dittrich Title: Environmental Specialist

Signature: Wade Dittrich Date: 1/9/2023

Email: wade_dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Jocelyn Harimon Date: 01/19/2023

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

Signature: Date:

State of New Mexico
Oil Conservation Division

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Closure

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

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

☑ A scaled site and sampling diagram as described in 19.15.29.11 NMAC

☑ Photographs of the remediated site prior to backfill or photos of the liner integrity if applicable (Note: appropriate OCD District office must be notified 2 days prior to liner inspection)

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

☑ Description of remediation activities

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

Printed Name: Wade Dittrich Title: Environmental Specialist

Signature: Wade Dittrich Date: 1/9/2023

Email: wade_dittrich@oxy.com Telephone: 575-390-2828

OCD Only

Received by: Jocelyn Harimon Date: 01/19/2023

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

Closure Approved by: _____ Date: _____

Printed Name: _____ Title: _____

nAPP2211536378

REMEDIATION AND CLOSURE REPORT

Turkey Track Water Treatment Facility

Crude Oil Release

Eddy County, New Mexico

Latitude: 32.67925
Longitude: -104.09808

LAI Project No. 22-0104-02

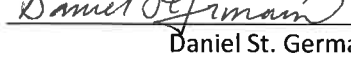
January 9, 2023

Prepared for:
Select Energy Services
P.O. Box 1715
Gainesville, TX 76242

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



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



Daniel St. Germain
Staff Geologist

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1.2 Physical Setting 1
1.3 Remediation Levels 1
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3.0 REMEDIATION 2
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Appendix A Initial C-141
Appendix B NMOCD Communications
Appendix C Karst Potential Map
Appendix D Laboratory Reports
Appendix E Photographic Documentation

1.0 INTRODUCTION

Larson & Associates, Inc. (LAI) has prepared this remediation and closure report on behalf of Select Energy Services, LLC. (Select) for submittal to the New Mexico Oil Conservation Division (NMOCD) District II for a crude oil release at the Turkey Track Water Treatment Facility (Site) located in Unit F (SE/4, NW/4), Section 8, Township 19 South, Range 29 East in Eddy County, New Mexico. The geodetic position is North 32.67925 and West -104.09808. Figure 1 presents a topographic map. Figure 2 presents an aerial map.

1.1 Background

The release occurred on January 24, 2022, due to an above ground storage tank (AST) being overfilled causing crude oil to spill within the boundaries of the facility and adjoining pasture. Approximately 300 barrels (bbls) of crude oil were released and about 260 bbls were recovered. The release covered an area of about 40,751 square feet (0.94 acres) onto land owned by the State of New Mexico and managed by the New Mexico State Land Office (NMSLO). The release is considered a major release due to the volume of fluid released. Occidental Petroleum Corporation (Oxy) submitted the initial C-141 to NMOCD District II and assigned incident number nAPP2211536378. Appendix A presents the initial C-141. Appendix B presents NMOCD communications.

1.2 Physical Setting

The physical setting is as follows:

- Surface elevation is approximately 3,397 feet above mean sea level (msl).
- Surface topography slopes gently towards the southwest.
- No surface water features are located within 1,000 feet of the site.
- USGS karst occurrence potential data designates the area as medium risk.
- Soils are designated as Berino-Dune Land Complex association, where the Berino setting consists of 0 to 17 inches of fine sandy loam, underlain by about 17 to 50 inches of sandy clay loam, and 50 to 60 inches loamy sand. The Dune Land Setting consists of 0-60 inches of sandy loam.
- The surface geology is older alluvial deposits on upland plains and piedmont areas, and calcic soils and eolian cover sediments of the High Plains region.
- Groundwater is reported to be greater than 80 feet below ground surface (bgs), as detailed in the Turkey Track Recycling Facility and Containments C-147 Registration Package (2RF-110).

Appendix C presents the karst potential map.

1.3 Remediation Levels

The following remediation standards are based on closure criteria for groundwater greater than 51 and 100 feet bgs and soils impacted by a release as presented in Table 1 of 19.15.29 NMAC:

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

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

2.0 DELINEATION

On January 28, 2022, LAI personnel used stainless-steel hand augers to collect samples at twenty (20) locations, including sixteen (16) locations (S-1 through S-16) inside of the spill area and four (4) locations (S-17 through S-20) outside of the spill area in each cardinal direction. Samples were collected from 0.5 and 1-foot bgs. The samples were delivered under chain of custody and preservation to Eurofins-Xenco (Xenco) in Midland, Texas, which analyzed the samples for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA SW-846 Method 8021B, total petroleum hydrocarbons (TPH), including gasoline range organics (GRO), diesel range organics (DRO), and oil range organics (ORO) by Method 8015M, and chloride by Method 300.

Xenco reported benzene and BTEX below the NMOCD closure criteria of 10 mg/Kg and 50 mg/Kg, respectively, in all samples. TPH and/or chloride were reported above NMOCD closure criteria of 100 mg/kg and 600 mg/Kg, respectively, in the lowermost (deepest) sample collected from the following locations:

Sample ID	Depth (ft)	TPH (mg/kg)	Chloride (mg/kg)
S-10	1	384	93.6
S-13	1	641	62.3
S-15	1	598	640
S-16	1	1,410	1,110
S-20	1	<49.9	1,180

On March 13 and 14, 2022, LAI personnel used a Geoprobe 7822 direct push rig to further delineate TPH and/or chloride at five (5) locations (S-10, S-13, S-15, S-16, and S-20) and collected samples at fourteen (14) additional locations (PB-1 through PB-14). Samples were collected from one (1), three (3), five (5), and ten (10) feet bgs, depending on subsurface conditions. Xenco analyzed the samples for BTEX, TPH, and chloride. The laboratory results demonstrate the release was delineated according to Table 1 of 19.15.29 NMAC for groundwater greater than 100 feet. Table 1 presents the delineation soil sample analytical data summary. Figure 3 presents an aerial map with delineation sample locations. Appendix D presents the laboratory reports.

3.0 REMEDIATION

R&M Trucking and Backhoe Service (R&M) began excavating impacted soil from the spill area prior to July 19, 2022. Excavated soil was temporally stored on plastic liners near the excavation prior disposal at Lea

Land Landfill LLC, a NMOCD permitted disposal facility (NM-1-0035), located at Mile Marker 64 on U.S. Highway 62/180 east of Carlsbad, New Mexico.

On July 19 and 20, 2022, LAI personnel collected 230 composite confirmation soil samples from the excavation bottom and sidewalls. The samples were analyzed by Xenco for BTEX, TPH, and chloride by methods previously discussed. Xenco reported concentrations for benzene and BTEX below NMOCD closure criteria in all samples. TPH and/or chloride were reported above NMOCD closure criteria in the following 130 samples:

Sample	Depth (ft)	TPH (mg/kg)	Cl- (mg/Kg)	Sample	Depth (ft)	TPH (mg/kg)	Cl^- (mg/Kg)
C-10	1.5	424	44	**C-66**	2	678	183
C-16	1	872	49.7	**C-68**	2	343	130
C-22	2	276	129	**C-69**	2	127	107
C-24	2	238	109	**C-70**	2	270	103
C-25	2	179	91.5	**C-71**	2	132	168
C-26	2	495	138	**C-72**	2	203	198
C-30	2	659	125	**C-73**	2	539	170
C-31	2	309	125	**C-74**	2	782	91.3
C-32	2	235	86.4	**C-75**	2	167	103
C-33	2	207	154	**C-76**	2	455	133
C-34	2	332	110	**C-77**	2	166	115
C-35	2	380	131	**C-78**	2	270	107
C-41	0 - 2	135	126	**C-79**	2	151	209
C-43	0 - 2	636	78.5	**C-80**	2	202	558
C-45	2	332	191	**C-81**	2	101	103
C-46	2	264	95.9	**C-82**	2	269	119
C-48	2	325	254	**C-83**	2	193	358
C-49	2	181	752	**C-84**	2	475	138
C-50	2	1,080	183	**C-85**	2	464	195
C-51	2	270	189	**C-86**	2	259	398
C-52	2	253	425	**C-87**	2	838	331
C-53	2	181	64.3	**C-88**	2	449	306
C-54	2	111	109	**C-89**	2	535	162
C-55	2	355	101	**C-90**	2	714	408
C-56	2	116	129	**C-91**	2	652	200
C-57	2	273	108	**C-92**	2	345	168
C-58	2	281	125	**C-93**	2	1,080	365
C-59	2	217	85.2	**C-94**	2	555	47
C-61	2	256	116	**C-95**	2	242	179
C-62	2	1,050	113	**C-96**	2	521	206
C-63	2	219	441	**C-97**	2	1,010	561
C-64	2	145	67.6	**C-98**	2	603	240
C-65	2	145	167	**C-99**	2	876	796

Sample	Depth (ft)	TPH (mg/kg)	Cl^- (mg/Kg)	Sample	Depth (ft)	TPH (mg/kg)	Cl- (mg/Kg)
C-100	2	434	276	**C-137**	2.5	5,340	86.2
C-101	2	535	221	**C-138**	2.5	7,900	86.2
C-102	2	850	381	**C-140**	1.5	2,370	2,790
C-103	2	322	170	**C-141**	1.5	849	459
C-104	2	95	605	**C-142**	1.5	374	204
C-105	2	190	74.9	**C-143**	1.5	193	135
C-106	2	168	134	**C-144**	1.5	541	204
C-107	2	2,070	205	**C-146**	1.5	717	200
C-108	2	453	206	**C-147**	1.5	183	300
C-109	2	718	200	**C-148**	1.5	277	189
C-110	2	738	272	**C-149**	1.5	346	297
C-111	2	132	721	**C-151**	1.5	475	154
C-112	2	608	403	**C-152**	1.5	224	293
C-113	2	1,580	221	**C-154**	1.5	1,100	178
C-114	2	334	115	**C-155**	1.5	103	152
C-118	0 - 2	9,630	113	**C-156**	1.5	106	98.4
C-119	0 - 2	2,830	95.3	**C-157**	1.5	232	123
C-120	0 - 2	2,450	216	**C-158**	1.5	683	188
C-121	0 - 2	175	30.4	**C-159**	1.5	452	194
C-123	2.5	146	48.2	**C-160**	1.5	687	137
C-124	2.5	215	14.6	**C-161**	1.5	11,500	33.4
C-125	2.5	973	58.3	**C-162**	1.5	943	124
C-126	2.5	5,180	189	**C-164**	0 - 2.5	797	316
C-127	2.5	1,510	80.9	**C-165**	0 - 2.5	8,040	133
C-128	2.5	673	100	**C-168**	0 - 2.5	370	203
C-129	2.5	951	19.4	**C-169**	0 - 1.5	712	143
C-130	2.5	1,030	99.5	**C-170**	0 - 1.5	7,920	477
C-131	2.5	3,720	172	**C-172**	0 - 1.5	1,250	84.8
C-132	2.5	744	243	**C-173**	0 - 1.5	942	153
C-133	2.5	728	99.9	**C-223**	0 - 4.1	<49.9	956
C-134	2.5	1,640	175	**C-228**	0 - 4.1	408	284
C-135	2.5	330	310	**C-230**	0 - 4.1	<50.0	1,170

Between September 21 and 23, 2022, LAI personnel collected forty-seven (47) composite soil samples where additional excavation was performed at the above-referenced locations, due to TPH and/or chloride being above NMOCD closure criteria. The resampled areas included, C-10, C-16, C-22, C-24, C-25, C-26, C-30, C-31, C-32, C-33, C-34, C-35, C-43, C-45, C-46, C-48, C-49, C-50, C-51, C-52, C-53, C-54, C-55, C-56, C-57, C-58, C-59, C-61, C-62, C-63, C-64, C-65, C-66, C-68, C-69, C-70, C-71, C-72, C-73, C-74, C-75, C-

76, C-77, C-78, C-79, C-80, and C-81. Xenco analyzed the samples for BTEX, TPH, and chloride, and reported benzene, BTEX, TPH, and chloride below NMOCD closure criteria for all samples.

Between September 27 and 29, 2022, LAI personnel collected eighty-two (82) composite samples from locations where further excavation was performed due to previous laboratory analysis showing TPH and/or chloride above NMOCD closure criteria. The resampled areas included, C-82 through C-87, C-89 through C-114, C-118 through C-121, C-123 through C-135, C-137 through C-138, C-140 through C-144, C-146 through C-152, C-154 through C-162, C-164 through C-165, C-168 through C-170, C-172 through C-173, C-223, C-228, and C-230. Xenco analyzed the samples for BTEX, TPH, and chloride, and reported benzene, BTEX, and chloride below NMOCD closure criteria for all samples. TPH was reported above NMOCD closure in the following samples:

Sample ID	Location	Depth (feet)	Collection Date	GRO	DRO	ORO	TPH
C-104	Bottom	3	09/27/22	<50.0	244	<50.0	244
C-105	Bottom	3	09/27/22	<50.0	450	<50.0	450
C-123	Bottom	3	09/28/22	<50.0	105	<50.0	105
C-125	Bottom	3	09/28/22	<49.9	203	<49.9	203
C-127	Bottom	3	09/28/22	<50.0	793	121	914
C-128	Bottom	3	09/28/22	<50.0	729	112	841
C-130	Bottom	3	09/28/22	<49.9	169	<49.9	169
C-133	Bottom	3	09/29/22	<49.9	<49.9	386	386
C-134	Bottom	3	09/29/22	<50.0	<50.0	228	228
C-135	Bottom	3	09/29/22	<49.9	<49.9	160	160
C-137	Bottom	3	09/29/22	<50.0	2,060	1,820	3,880
C-138	Bottom	3	09/29/22	<249	5,570	5,070	10,600
C-140	Bottom	2.5	09/29/22	<50.0	<50.0	156	156
C-141	Bottom	2.5	09/29/22	<49.9	<49.9	127	127
C-142	Bottom	2.5	09/29/22	<49.9	<49.9	104	104
C-143	Bottom	2.5	09/29/22	<49.9	<49.9	108	108
C-144	Bottom	2.5	09/29/22	<50.0	<50.0	230	230
C-164	Sidewall	0 - 2.5	09/29/22	<49.9	857	<49.9	857
C-165	Sidewall	0 - 2.5	09/29/22	<49.9	659	<49.9	659
C-168	Sidewall	0 - 2.5	09/29/22	<49.9	194	<49.9	194
C-228	Sidewall	0 - 4.1	09/29/22	<49.9	148	<49.9	148

On October 3, 2022, LAI personnel collected composite samples from locations where further excavation was performed due to previous laboratory analysis reporting TPH and/or chloride was above NMOCD closure criteria. The resampled areas include C-231, C-232, and C-253. Xenco analyzed the samples for BTEX, TPH and chloride and reported concentrations below NMOCD closure criteria.

Between November 1 and 3, 2022, LAI personnel collected fifteen (15) samples from locations where further excavation was performed due to previous laboratory analysis reporting TPH and/or chloride was above NMOCD closure criteria. The resampled areas included C-41, C-88, C-104, C-105, C-127, C-128, C-130, C-133, C-134, C-135, C-140, C-141, C-142, C-143, and C-144. An additional eight (8) samples were collected from an area that was not previously excavated. The new samples include C-246 through C-252, and C-254. Xenco analyzed the samples for BTEX, TPH, and chloride, and reported benzene, BTEX, TPH, and chloride concentrations below NMOCD closure criteria for all samples.

On November 10 and 11, 2022, LAI personnel collected seven (7) composite samples from locations where further excavation was performed due to previous laboratory analysis where TPH and/or chloride was reported above NMOCD closure criteria. The resampled areas included, C-123, C-125, C-137, C-138, C-164, C-165, C-168, and C-228. An additional nineteen (19) samples were collected from an area that was not previously excavated. The new samples include C-231 through C-245 and C-255 through C-260. Xenco analyzed the samples for BTEX, TPH, and chloride, and reported benzene and BTEX below NMOCD closure criteria. Chloride was reported above the NMOCD closure criteria (600 mg/Kg) in sample C-231 (1,610 mg/Kg). TPH was reported above the NMOCD closure criteria (100 mg/Kg) in four (4) samples: C-164 (857 mg/Kg), C-168 (1510 mg/Kg), C-239 (736 mg/Kg), and C-257 (175 mg/Kg).

Between December 6 and 7, 2022, LAI personnel collected five (5) samples (C-164, C-168, C-231, C-239, and C-257) where further excavation was performed due to previous laboratory analysis reporting TPH and/or chloride was NMOCD closure criteria. Xenco analyzed the samples for BTEX, TPH, and chloride, and reported concentrations below NMOCD closure criteria for benzene, BTEX, TPH, and chloride.

Laboratory results demonstrate the release was remediated to the NMOCD the most stringent closure criteria for soil excavated to depths less than four (4) feet bgs and to the NMOCD closure criteria for soil excavated to four (4) feet bgs for groundwater between 51 and 100 feet according to Table 1 of 19.15.29 NMAC. Table 2 presents the laboratory confirmation soil sample analytical data summary. Figure 4 presents an aerial map with excavation boundaries. Figure 4a presents an aerial map of the southwestern area of the excavation with confirmation sample locations. Figure 4b presents an aerial map of the southeastern area of the excavation with confirmation sample locations. Figure 4c presents an aerial map of the northeastern area of the excavation with confirmation sample locations. Figure 4d presents an aerial map of the northern area of the excavation with confirmation sample locations. Appendix D presents the laboratory reports.

4.0 RECLAMATION

On September 20, 2022, LAI personnel collected eighteen (18) composite samples (BF-1 through BF-18) of backfill material from a pit (lease number: CO-461) located in Unit B, Section 13, Township 19 South, Range 28 East, in Eddy County, New Mexico. Xenco analyzed the samples for BTEX, TPH and chloride, and reported concentrations below the analytical method reporting limits (RL) and NMOCD requirements in

19.25.29.13D(1). Chloride concentrations ranged from 7.96 mg/Kg (BF-5) to 21.8 mg/Kg (BF-18). Table 2 presents the laboratory analytical data summary. Appendix D presents the laboratory reports.

Between November 10 and December 31, 2022, the excavations were backfilled with topsoil and caliche from the pit. Caliche was used to backfill the excavations onsite and topsoil to backfill excavations located in the pasture. Additional topsoil was used to recontour offsite areas to resemble previous surface conditions. On January 5, 2023, LAI personnel seeded the pasture area with BLM Mix #3. Backfill notification was provided to the NMOCD on November 4, 2022. Table 2 presents the backfill material analytical data summary. Appendix B presents NMOCD communications, Appendix E presents photographic documentation.

5.0 CLOSURE REQUEST

Select requests closure for nAPP2211536378.

Tables

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Table 1
Soil Sample Analytical Data Summary
Select Energy - Turkey Track Water Treatment Facility
Eddy County, New Mexico
32° 40' 45.32" N, 104° 05' 53.10" W

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
S-1	0.5	01/28/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	99.7
	1	01/28/2022	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	88.2
S-2	0.5	01/28/2022	In-Situ	<0.00199	<0.00398	<49.9	197	<49.9	**197**	48.6
	1	01/28/2022	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	36.4
S-3	0.5	01/28/2022	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	112
	1	01/28/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	207
S-4	0.5	01/28/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	12.1
	1	01/28/2022	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	118
S-5	0.5	01/28/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	<4.95
	1	01/28/2022	In-Situ	<0.00200	0.00610	<50.0	<50.0	<50.0	<50.0	<5.00
S-6	0.5	01/28/2022	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	145
	1	01/28/2022	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	98.5
S-7	0.5	01/28/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	10.6
	1	01/28/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	<4.95
S-8	0.5	01/28/2022	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	<5.02
	1	01/28/2022	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	<4.98

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Table 1
Soil Sample Analytical Data Summary
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32° 40' 45.32" N, 104° 05' 53.10" W

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
S-9	0.5	01/28/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	<4.95
	1	01/28/2022	In-Situ	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	5.35
S-10	0.5	01/28/2022	In-Situ	<0.00199	0.00874	<50.0	**117.0**	<50.0	**117**	78.2
	1	01/28/2022	In-Situ	<0.00198	0.0848	<49.9	**384.0**	<49.9	**384**	93.6
	1	03/14/2022	In-Situ	<0.00102	<0.00204	**30.5**	**577.0**	**66.2**	**674**	60.3
	3	03/14/2022	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	278
	5	03/14/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	160
	8	03/14/2022	In-Situ	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	82.0
S-11	0.5	01/28/2022	In-Situ	0.00295	0.00867	<49.9	<49.9	<49.9	<49.9	198
	1	01/28/2022	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	361
S-12	0.5	01/28/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	138
	1	01/28/2022	In-Situ	<0.00198	<0.00396	<50.0	96.9	<50.0	96.9	109
S-13	0.5	01/28/2022	In-Situ	0.0164	0.0223	<50.0	**372**	<50.0	**372**	101
	1	01/28/2022	In-Situ	<0.00200	0.17	<49.9	**641**	<49.9	**641**	62.3
	1	03/14/2022	In-Situ	0.00786	1.7	**1,320**	**26,100**	**3,340**	**30,800**	96.9
	3	03/14/2022	In-Situ	<0.00112	<0.00225	<28.1	<28.1	<28.1	<28.1	60.2
	5	03/14/2022	In-Situ	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2	17.0
	10	03/14/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	2.15

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Table 1
Soil Sample Analytical Data Summary
Select Energy - Turkey Track Water Treatment Facility
Eddy County, New Mexico
32° 40' 45.32" N, 104° 05' 53.10" W

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
S-14	0.5	01/28/2022	In-Situ	<0.00201	<0.00402	<50.0	72.9	<50.0	72.9	82.0
	1	01/28/2022	In-Situ	<0.00199	<0.00398	<50.0	89.4	<50.0	89.4	91.0
S-15	0.5	01/28/2022	In-Situ	<0.00201	0.277	<49.9	1,000	<49.9	**1,000**	266
	1	01/28/2022	In-Situ	<0.00200	0.321	<50.0	**598**	<50.0	**598**	**640**
	1	03/14/2022	In-Situ	<0.00108	0.6888	**266**	**4,060**	**483**	**4,810**	**724**
	3	03/14/2022	In-Situ	<0.00106	0.00213	<26.6	**181**	<26.6	**181**	99.8
	5	03/14/2022	In-Situ	<0.00106	0.00213	<26.6	<26.6	<26.6	<26.6	70.6
	10	03/14/2022	In-Situ	<0.00105	0.00211	<26.3	<26.3	<26.3	<26.3	305
S-16	0.5	01/28/2022	In-Situ	<0.00200	0.0483	<50.0	**365**	<50.0	**365**	**1,500**
	1	01/28/2022	In-Situ	0.0101	0.552	<49.9	**1,410**	<49.9	**1,410**	**1,110**
	1	03/15/2022	In-Situ	<0.0111	0.04102	**79.9**	**1,280**	**197**	**1,560**	528
	3	03/15/2022	In-Situ	<0.00110	<0.00220	<27.5	<27.5	<27.5	<27.5	595
	5	03/15/2022	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	132
	10	03/15/2022	In-Situ	<0.00110	<0.00220	<27.5	<27.5	<27.5	<27.5	192
S-17	0.5	01/28/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	24.4
	1	01/28/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	11.9
S-18	0.5	01/28/2022	In-Situ	<0.00200	<0.00400	<49.8	<49.8	<49.8	<49.8	<4.95
	1	01/28/2022	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	<4.95

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Soil Sample Analytical Data Summary
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Eddy County, New Mexico
32° 40' 45.32" N, 104° 05' 53.10" W

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
S-19	0.5	01/28/2022	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	<5.00
	1	01/28/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	<5.00
S-20	0.5	01/28/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	**761**
	1	01/28/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	**1,180**
	1	03/15/2022	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	**641**
	3	03/15/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	124
	5	03/15/2022	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	51.9
	10	03/15/2022	In-Situ	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2	17.5
S-21	0.5	03/15/2022	In-Situ	<0.00104	<0.00208	<26.0	**62.9**	<26.0	**62.9**	31.0
	1	03/15/2022	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	27.4
	3	03/15/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	16.5
PB-1	1	03/14/2022	In-Situ	<0.00106	<0.00213	<26.6	**630**	**51**	**680**	37.4
	3	03/14/2022	In-Situ	<0.00112	<0.00225	<28.1	<28.1	<28.1	<28.1	323
	5	03/14/2022	In-Situ	<0.00110	<0.00220	<27.5	<27.5	<27.5	<27.5	59.3
	10	03/14/2022	In-Situ	<0.00116	<0.00233	<29.1	<29.1	<29.1	<29.1	100
PB-2	1	03/14/2022	In-Situ	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	84.8
	3	03/14/2022	In-Situ	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	210
	5	03/14/2022	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	137

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Table 1
Soil Sample Analytical Data Summary
Select Energy - Turkey Track Water Treatment Facility
Eddy County, New Mexico
32° 40' 45.32" N, 104° 05' 53.10" W

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
	10	03/14/2022	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	136
PB-3	1	03/14/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	115
	3	03/14/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	197
	5	03/14/2022	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	93.5
	10	03/14/2022	In-Situ	<0.00103	<0.00206	<25.8	<25.8	<25.8	<25.8	63.1
PB-4	1	03/14/2022	In-Situ	<0.00109	<0.00217	<27.5	**226**	<27.5	**226**	121
	3	03/14/2022	In-Situ	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	186
	5	03/14/2022	In-Situ	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2	47.5
	10	03/14/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	106
PB-5	1	03/14/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	104
	3	03/14/2022	In-Situ	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2	106
	5	03/14/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	59.5
	10	03/14/2022	In-Situ	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	189
PB-6	1	03/14/2022	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	**913**
	3	03/14/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	36.9
	5	03/14/2022	In-Situ	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	52.7
	10	03/14/2022	In-Situ	<0.00105	<0.00211	<26.3	<26.3	<26.3	<26.3	41.2
PB-7	1	03/15/2022	In-Situ	0.0044	1.0724	**818**	**10,900**	**1,180**	**12,900**	425

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Eddy County, New Mexico
32° 40' 45.32" N, 104° 05' 53.10" W

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
	3	03/15/2022	In-Situ	<0.00116	<0.00233	<29.1	<29.1	<29.1	<29.1	**1,150**
	5	03/15/2022	In-Situ	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	251
	10	03/15/2022	In-Situ	<0.00111	<0.00222	<27.8	<27.8	<27.8	<27.8	195
PB-8	1	03/15/2022	In-Situ	0.258	15.1558	**1,230**	**14,200**	**1,440**	**16,900**	106
	3	03/15/2022	In-Situ	<0.00115	<0.00230	<28.7	**118**	<28.7	**118**	34.4
	5	03/15/2022	In-Situ	<0.00108	<0.00215	<26.9	<26.9	<26.9	<26.9	12.6
	10	03/15/2022	In-Situ	<0.00110	<0.00220	<27.5	<27.5	<27.5	<27.5	23.2
PB-9	1	03/15/2022	In-Situ	0.00377	0.85947	**580**	**9,980**	**1,610**	**12,200**	169
	3	03/15/2022	In-Situ	<0.00110	<0.00220	<27.5	<27.5	<27.5	<27.5	127
	5	03/15/2022	In-Situ	<0.00114	<0.00227	<28.4	<28.4	<28.4	<28.4	170
	10	03/15/2022	In-Situ	<0.00110	<0.00220	<27.5	<27.5	<27.5	<27.5	92.9
PB-10	1	03/15/2022	In-Situ	0.08260	7.15260	**1,710**	**28,400**	**4,800**	**34,900**	194
	3	03/15/2022	In-Situ	<0.00116	<0.00233	<29.1	<29.1	<29.1	<29.1	114
	5	03/15/2022	In-Situ	<0.00118	<0.00235	<29.4	<29.4	<29.4	<29.4	17
	10	03/15/2022	In-Situ	<0.00111	<0.00222	<27.8	<27.8	<27.8	<27.8	3.87
PB-11	1	03/15/2022	In-Situ	0.00174	0.41600	**830**	**16,200**	**2,600**	**19,600**	184
	3	03/15/2022	In-Situ	<0.00111	<0.00222	<27.8	<27.8	<27.8	<27.8	134
	5	03/15/2022	In-Situ	<0.00116	<0.00233	<29.1	<29.1	<29.1	<29.1	157
	10	03/15/2022	In-Situ	<0.00114	<0.00227	<28.4	<28.4	<28.4	<28.4	142

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Table 1
Soil Sample Analytical Data Summary
Select Energy - Turkey Track Water Treatment Facility
Eddy County, New Mexico
32° 40' 45.32" N, 104° 05' 53.10" W

Sample	Depth (Feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Remediation Level:				**10**	**50**				**100/2,500**	**600/20,000**
PB-12	1	03/15/2022	In-Situ	0.04410	9.62810	**1,330**	**18,200**	**2,700**	**22,200**	144
	3	03/15/2022	In-Situ	<0.00110	<0.00220	<27.5	<27.5	<27.5	<27.5	22.3
	5	03/15/2022	In-Situ	<0.00109	<0.00217	<27.2	<27.2	<27.2	<27.2	20.7
	10	03/15/2022	In-Situ	<0.00102	<0.00204	<25.5	<25.5	<25.5	<25.5	5.72
PB-13	1	03/15/2022	In-Situ	<0.00104	<0.00208	<26.0	<26.0	<26.0	<26.0	121
	3	03/15/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	45.3
	5	03/15/2022	In-Situ	<0.00106	<0.00213	<26.6	**55.8**	<26.6	**55.8**	51.2
	10	03/15/2022	In-Situ	<0.00106	<0.00213	<26.6	<26.6	<26.6	<26.6	33.6
PB-14	1	03/15/2022	In-Situ	<0.00109	0.07039	<27.2	**724**	**113**	**836**	144
	3	03/15/2022	In-Situ	<0.00112	<0.00225	<28.1	<28.1	<28.1	<28.1	122
	5	03/15/2022	In-Situ	<0.00115	<0.00230	<28.7	**114**	<28.7	**114**	164
	10	03/15/2022	In-Situ	<0.00116	<0.00233	<29.1	<29.1	<29.1	<29.1	59.4

Notes: Analysis performed byPermian Basin Environmental Laboratories (PBEL) and Xenco Laboratories 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

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Table 2
Confirmation Soil Sample Analytical Data Summary
Turkey Track Water Treatment Facility
Eddy County, New Mexico
North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
C-1	Bottom	1.5	7/19/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	250
C-2	Bottom	1.5	7/19/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	71.0
C-3	Bottom	1.5	7/19/2022	In-Situ	<0.00202	0.01	<50.0	<50.0	<50.0	<50.0	98.8
C-4	Bottom	1.5	7/19/2022	In-Situ	<0.00200	<0.00400	<50.0	87.6	<50.0	87.6	52.2
C-5	Bottom	1.5	7/19/2022	In-Situ	<0.00199	<0.00398	<49.9	55.1	<49.9	55.1	161
C-6	Bottom	1.5	7/19/2022	In-Situ	<0.00199	<0.00398	<49.9	72.0	<49.9	72.0	200
C-7	Bottom	1.5	7/19/2022	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	425
C-8	Bottom	1.5	7/19/2022	In-Situ	<0.00200	<0.00400	<49.9	<49.9	<49.9	<49.9	144
C-9	Bottom	1.5	7/19/2022	In-Situ	<0.00200	<0.00399	56.1	<50.0	<50.0	56.1	87.9
C-10	Bottom	1.5	7/19/2022	Excavated	<0.00198	<0.00397	51.5	261	111	**424**	44.0
	Bottom	2.5	9/21/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	22.7
C-11	Bottom	1.5	7/19/2022	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	39.8
C-12	Bottom	1.5	7/19/2022	In-Situ	<0.00199	<0.00398	<49.9	61.7	<49.9	61.7	198
C-13	Bottom	2	7/19/2022	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	45.4
C-14	Bottom	2	7/19/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	70.6
C-15	Bottom	2	7/19/2022	In-Situ	<0.00199	<0.00398	<50.0	67.0	<50.0	67.0	107
C-16	Bottom	1	7/19/2022	Excavated	<0.00200	<0.00401	<50.0	683	189	**872**	49.7
	Bottom	2	9/21/2022	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	14.6
C-17	Bottom	1	7/19/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	9.37
C-18	Bottom	1	7/19/2022	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	66.5
C-19	Bottom	1	7/19/2022	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	50.8
C-20	Bottom	2	7/19/2022	In-Situ	<0.00200	<0.00399	<50.0	96.3	<50.0	96.3	146
C-21	Bottom	2	7/19/2022	In-Situ	<0.00200	<0.00401	<50.0	71.0	<50.0	71.0	156
C-22	Bottom	2	7/19/2022	Excavated	<0.00201	<0.00402	<49.9	276	<49.9	**276**	129
	Bottom	3	9/21/2022	In-Situ	<0.00199	<0.00398	<50.0	84.9	<50.0	84.9	102
C-23	Bottom	2	7/19/2022	In-Situ	<0.00200	<0.00399	<50.0	62.2	<50.0	62.2	133
C-24	Bottom	2	7/19/2022	Excavated	<0.00199	<0.00398	<50.0	238	<50.0	**238**	109

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Table 2
Confirmation Soil Sample Analytical Data Summary
Turkey Track Water Treatment Facility
Eddy County, New Mexico
North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
	Bottom	3	9/21/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	16.8
C-25	Bottom	2	7/19/2022	Excavated	<0.00201	<0.00402	<49.9	179	<49.9	**179**	91.5
	Bottom	3	9/21/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	101
C-26	Bottom	2	7/19/2022	Excavated	<0.00199	<0.00398	<49.9	495	<49.9	**495**	138
	Bottom	3	9/21/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	34.3
C-27	Bottom	2	7/19/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	11.9
C-28	Bottom	2	7/19/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	14.3
C-29	Bottom	2	7/19/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	205
C-30	Bottom	2	7/19/2022	Excavated	<0.00202	<0.00403	<50.0	659	<50.0	**659**	125
	Bottom	3	9/21/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	21.2
C-31	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00401	<50.0	309	<50.0	**309**	125
	Bottom	3	9/21/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	27
C-32	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00401	<49.9	235	<49.9	**235**	86.4
	Bottom	3	9/21/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	14.9
C-33	Bottom	2	7/19/2022	Excavated	<0.00199	<0.00398	<49.8	207	<49.8	**207**	154
	Bottom	3	9/21/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	13.6
C-34	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00401	<50.0	332	<50.0	**332**	110
	Bottom	3	9/21/2022	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	52.1
C-35	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00399	<50.0	380	<50.0	**380**	131
	Bottom	3	9/21/2022	In-Situ	<0.00200	<0.00399	<50.0	53	<50.0	53	37
C-36	Sidewall	0 - 1.5	7/19/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	40.7
C-37	Sidewall	0 - 2	7/19/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	44.2
C-38	Sidewall	0 - 2	7/19/2022	In-Situ	<0.00201	<0.00402	<49.8	54.7	<49.8	54.7	51.2
C-39	Sidewall	0 - 2	7/19/2022	In-Situ	<0.00199	<0.00398	<49.9	68.9	<49.9	68.9	12.9
C-40	Sidewall	0 - 2	7/19/2022	In-Situ	<0.00200	<0.00399	<49.9	61.3	<49.9	61.3	29.9
C-41	Sidewall	0 - 2	7/19/2022	Excavated	<0.00200	<0.00401	<50.0	135	<50.0	**135**	126
	Sidewall	0-2	11/2/2022	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	20.6

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Table 2
Confirmation Soil Sample Analytical Data Summary
Turkey Track Water Treatment Facility
Eddy County, New Mexico
North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
C-42	Sidewall	0 - 2	7/19/2022	In-Situ	<0.00201	<0.00402	<49.9	87.5	<49.9	87.5	180
C-43	Sidewall	0 - 2	7/19/2022	Excavated	<0.00199	<0.00398	<50.0	636	<50.0	**636**	78.5
	Sidewall	0 - 2	9/21/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	20.6
C-44	Sidewall	0 - 1.5	7/19/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	24.2
C-45	Bottom	2	7/19/2022	Excavated	<0.00198	<0.00396	<49.9	332	<49.9	**332**	191
	Bottom	3	9/21/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	109
C-46	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00400	<49.9	264	<49.9	**264**	95.9
	Bottom	3	9/21/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	110
C-47	Bottom	2	7/19/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	50.3
C-48	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00401	<49.9	325	<49.9	**325**	254
	Bottom	3	9/21/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	48.6
C-49	Bottom	2	7/19/2022	Excavated	<0.00199	<0.00398	<50.0	181	<50.0	**181**	**752**
	Bottom	3	9/21/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	49.3
C-50	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00399	<50.0	1,080	<50.0	**1,080**	183
	Bottom	3	9/21/2022	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	57
C-51	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00400	<50.0	270	<50.0	**270**	189
	Bottom	3	9/22/2022	In-Situ	<0.00198	<0.00396	<50.0	<50.0	<50.0	<50.0	87.3
C-52	Bottom	2	7/19/2022	Excavated	<0.00201	<0.00402	<49.9	253	<49.9	**253**	425
	Bottom	3	9/22/2022	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	74.8
C-53	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00401	<49.8	181	<49.8	**181**	64.3
	Bottom	3	9/22/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	76.4
C-54	Bottom	2	7/19/2022	Excavated	<0.00199	<0.00398	<50.0	111	<50.0	**111**	109
	Bottom	3	9/22/2022	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	73.0
C-55	Bottom	2	7/19/2022	Excavated	<0.00198	<0.00396	<50.0	355	<50.0	**355**	101
	Bottom	3	9/22/2022	In-Situ	<0.00201	<0.00402	<50.0	57.9	<50.0	57.9	128
C-56	Bottom	2	7/19/2022	Excavated	<0.00201	<0.00402	<50.0	116	<50.0	**116**	129
	Bottom	3	9/22/2022	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	178

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Table 2
Confirmation Soil Sample Analytical Data Summary
Turkey Track Water Treatment Facility
Eddy County, New Mexico
North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					*10*	*50*				*100/2,500*	*600/10,000*
C-57	Bottom	2	7/19/2022	Excavated	<0.00202	<0.00404	<49.9	273	<49.9	**273**	108
	Bottom	3	9/22/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	59.0
C-58	Bottom	2	7/19/2022	Excavated	<0.00202	<0.00403	<49.8	281	<49.8	**281**	125
	Bottom	3	9/22/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	83.4
C-59	Bottom	2	7/19/2022	Excavated	<0.00199	<0.00398	<49.9	217	<49.9	**217**	85.2
	Bottom	3	9/22/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	62.2
C-60	Bottom	2	7/19/2022	In-Situ	<0.00199	<0.00398	<49.9	71.1	<49.9	71.1	170
C-61	Bottom	2	7/19/2022	Excavated	<0.00198	<0.00396	<50.0	256	<50.0	**256**	116
	Bottom	3	9/22/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	85.0
C-62	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00400	<49.9	931	117	**1,050**	113
	Bottom	3	9/22/2022	In-Situ	<0.00198	<0.00397	<49.9	52.5	<49.9	52.5	114
C-63	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00399	<50.0	219	<50.0	**219**	441
	Bottom	3	9/22/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	48.4
C-64	Bottom	2	7/19/2022	Excavated	<0.00201	<0.00402	<50.0	145	<50.0	**145**	67.6
	Bottom	3	9/22/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	61.0
C-65	Bottom	2	7/19/2022	Excavated	<0.00201	<0.00402	<49.9	145	<49.9	**145**	167
	Bottom	3	9/22/2022	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	69.9
C-66	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00401	<49.9	610	68.2	**678**	183
	Bottom	3	9/22/2022	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	29.1
C-67	Bottom	2	7/19/2022	In-Situ	<0.00198	<0.00397	<49.9	86.7	<49.9	86.7	285
C-68	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00400	<49.9	343	<49.9	**343**	130
	Bottom	3	9/22/2022	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	71.0
C-69	Bottom	2	7/19/2022	Excavated	<0.00202	<0.00404	<50.0	127	<50.0	**127**	107
	Bottom	3	9/22/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	57.0
C-70	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00401	<50.0	270	<50.0	**270**	103
	Bottom	3	9/22/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	105
C-71	Bottom	2	7/19/2022	Excavated	<0.00202	<0.00403	<50.0	132	<50.0	**132**	168

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Eddy County, New Mexico
North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
	Bottom	3	9/22/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	67.2
C-72	Bottom	2	7/19/2022	Excavated	<0.00198	<0.00396	<49.9	203	<49.9	**203**	198
	Bottom	3	9/22/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	88.2
C-73	Bottom	2	7/19/2022	Excavated	<0.00199	<0.00398	<49.8	539	<49.8	**539**	170
	Bottom	3	9/22/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	73.3
C-74	Bottom	2	7/19/2022	Excavated	<0.00198	<0.00397	<50.0	726	56.0	**782**	91.3
	Bottom	3	9/23/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	90.4
C-75	Bottom	2	7/19/2022	Excavated	<0.00200	<0.00399	<50.0	167	<50.0	**167**	103
	Bottom	3	9/23/2022	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	98.9
C-76	Bottom	2	7/19/2022	Excavated	<0.00202	<0.00404	<50.0	455	<50.0	**455**	133
	Bottom	3	9/23/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	132
C-77	Bottom	2	7/19/2022	Excavated	<0.00201	<0.00402	<49.9	166	<49.9	**166**	115
	Bottom	3	9/23/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	91.5
C-78	Bottom	2	7/19/2022	Excavated	<0.00202	<0.00403	<49.8	270	<49.8	**270**	107
	Bottom	3	9/23/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	149
C-79	Bottom	2	7/19/2022	Excavated	<0.00201	<0.00402	<49.9	151	<49.9	**151**	209
	Bottom	3	9/23/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	112
C-80	Bottom	2	7/19/2022	Excavated	<0.00199	<0.00398	<49.9	202	<49.9	**202**	558
	Bottom	3	9/23/2022	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	82.9
C-81	Bottom	2	7/19/2022	Excavated	<0.00198	<0.00397	<50.0	101	<50.0	**101**	103
	Bottom	3	9/23/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	105
C-82	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00400	<49.9	269	<49.9	**269**	119
	Bottom	3	9/27/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	93.7	93.7	54.6
C-83	Bottom	2	7/20/2022	Excavated	<0.00201	<0.00402	<50.0	193	<50.0	**193**	358
	Bottom	3	9/27/2022	In-Situ	<0.00201	<0.00402	<49.8	<49.8	90.5	90.5	56.4
C-84	Bottom	2	7/20/2022	Excavated	<0.00202	<0.00403	<50.0	424	51.0	**475**	138
	Bottom	3	9/27/2022	In-Situ	<0.00198	<0.00396	<49.9	<49.9	74.9	74.9	57.2

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North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
C-85	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00400	<49.9	409	54.7	**464**	195
	Bottom	3	9/27/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	75.8	75.8	112
C-86	Bottom	2	7/20/2022	Excavated	<0.00202	<0.00404	<49.9	259	<49.9	**259**	398
	Bottom	3	9/27/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	75	75	24.3
C-87	Bottom	2	7/20/2022	Excavated	<0.00201	<0.00402	<49.9	731	107	**838**	331
	Bottom	3	9/27/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	69.5	69.5	201
C-88	Bottom	2	7/20/2022	Excavated	<0.00199	<0.00398	<49.9	391	57.5	**449**	306
	Bottom	4.1	11/2/2022	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	152
C-89	Bottom	2	7/20/2022	Excavated	<0.00198	<0.00397	<50.0	452	82.9	**535**	162
	Bottom	3	9/27/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	63.7	63.7	98.6
C-90	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00399	<50.0	621	92.8	**714**	408
	Bottom	3	9/27/2022	In-Situ	<0.00202	<0.00403	<49.9	<49.9	64.8	64.8	33.2
C-91	Bottom	2	7/20/2022	Excavated	<0.00199	<0.00398	<50.0	577	75.3	**652**	200
	Bottom	3	9/27/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	71.4	71.4	28.6
C-92	Bottom	2	7/20/2022	Excavated	<0.00199	<0.00398	<49.9	345	<49.9	**345**	168
	Bottom	3	9/27/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	54.4	54.4	198
C-93	Bottom	2	7/20/2022	Excavated	<0.00202	<0.00404	<49.8	953	124	**1,080**	365
	Bottom	3	9/27/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	50.3	50.3	115
C-94	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00401	<50.0	495	59.6	**555**	47.0
	Bottom	3	9/27/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	150
C-95	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00399	<50.0	242	<50.0	**242**	179
	Bottom	3	9/27/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	74	74	58.6
C-96	Bottom	2	7/20/2022	Excavated	<0.00202	<0.00403	<50.0	470	50.8	**521**	206
	Bottom	3	9/27/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	68.3	68.3	88
C-97	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00400	<49.9	881	131	**1,010**	561
	Bottom	3	9/27/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	114
C-98	Bottom	2	7/20/2022	Excavated	<0.00201	<0.00402	<49.8	535	68.0	**603**	240

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North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
	Bottom	3	9/27/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	57.3
C-99	Bottom	2	7/20/2022	Excavated	<0.00201	<0.00402	<49.9	782	94.3	**876**	**796**
	Bottom	3	9/27/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	118
C-100	Bottom	2	7/20/2022	Excavated	<0.00202	<0.00403	<49.9	383	50.7	**434**	276
	Bottom	3	9/27/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	105
C-101	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00399	<50.0	535	<50.0	**535**	221
	Bottom	3	9/27/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	68.2	68.2	119
C-102	Bottom	2	7/20/2022	Excavated	<0.00199	<0.00398	<49.9	850	<49.9	**850**	381
	Bottom	3	9/27/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	57.6	57.6	77.7
C-103	Bottom	2	7/20/2022	Excavated	<0.00199	<0.00398	<50.0	322	<50.0	**322**	170
	Bottom	3	9/27/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	136
C-104	Bottom	2	7/20/2022	Excavated	<0.00198	<0.00397	<50.0	95	<50.0	95.0	**605**
	Bottom	3	9/27/2022	Excavated	<0.00199	<0.00398	<50.0	244	<50.0	**244**	38.3
	Bottom	4.1	11/2/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	61.2
C-105	Bottom	2	7/20/2022	Excavated	<0.00199	<0.00398	<49.9	190	<49.9	**190**	74.9
	Bottom	3	9/27/2022	Excavated	<0.00199	<0.00398	<50.0	450	<50.0	**450**	51.2
	Bottom	4.1	11/2/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	145
C-106	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00399	<49.9	168	<49.9	**168**	134
	Bottom	3	9/27/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	62
C-107	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00401	<49.9	2,070	<49.9	**2,070**	205
	Bottom	3	9/27/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	67
C-108	Bottom	2	7/20/2022	Excavated	<0.00202	<0.00403	<49.9	453	<49.9	**453**	206
	Bottom	3	9/27/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	81
C-109	Bottom	2	7/20/2022	Excavated	<0.00199	<0.00398	<50.0	718	<50.0	**718**	200
	Bottom	3	9/28/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	122
C-110	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00399	<50.0	738	<50.0	**738**	272
	Bottom	3	9/28/2022	In-Situ	<0.00198	<0.00396	<49.9	<49.9	<49.9	<49.9	71

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Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
C-111	Bottom	2	7/20/2022	Excavated	<0.00200	<0.00401	<50.0	132	<50.0	**132**	**721**
	Bottom	3	9/28/2022	In-Situ	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	77.7
C-112	Bottom	2	7/20/2022	Excavated	<0.00201	<0.00402	<49.9	608	<49.9	**608**	403
	Bottom	3	9/28/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	38.4
C-113	Bottom	2	7/20/2022	Excavated	<0.00199	<0.00398	<49.8	1,580	<49.8	**1,580**	221
	Bottom	3	9/28/2022	In-Situ	<0.00199	<0.00398	<50.0	55.9	<50.0	55.9	117
C-114	Bottom	2	7/20/2022	Excavated	<0.00199	<0.00398	<50.0	334	<50.0	**334**	115
	Bottom	3	9/28/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	87.1
C-115	Bottom	2	7/20/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	8.95
C-116	Bottom	2	7/20/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	268
C-117	Sidewall	0 - 2	7/20/2022	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	25.8
C-118	Sidewall	0 - 2	7/20/2022	Excavated	<0.00202	<0.00399	<249	9,630	<249	**9,630**	113
	Sidewall	0-3	9/28/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	43
C-119	Sidewall	0 - 2	7/20/2022	Excavated	<0.00202	<0.00404	332	2,500	<49.9	**2,830**	95.3
	Sidewall	0-3	9/28/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	10.4
C-120	Sidewall	0 - 2	7/20/2022	Excavated	<0.00200	0.0105	<49.9	2,450	<49.9	**2,450**	216
	Sidewall	0-3	9/28/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	52.3
C-121	Sidewall	0 - 2	7/20/2022	Excavated	<0.00200	0.00811	<50.0	175	<50.0	**175**	30.4
	Sidewall	0-3	9/28/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	33.8
C-122	Sidewall	0 - 2	7/20/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	5.61
C-123	Bottom	2.5	7/20/2022	Excavated	<0.00199	<0.00398	<50.0	146	<50.0	**146**	48.2
	Bottom	3	9/28/2022	Excavated	<0.00199	<0.00398	<50.0	105	<50.0	**105**	85
	Bottom	4.1	11/11/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	106
C-124	Bottom	2.5	7/20/2022	Excavated	<0.00200	<0.00399	<50.0	215	<50.0	**215**	14.6
	Bottom	3	9/28/2022	In-Situ	<0.00199	<0.00398	<49.8	56.7	<49.8	56.7	50.4
C-125	Bottom	2.5	7/20/2022	Excavated	<0.00199	<0.00398	<49.9	973	<49.9	**973**	58.3
	Bottom	3	9/28/2022	Excavated	<0.00200	<0.00399	<49.9	203	<49.9	**203**	204

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Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
	Bottom	4.1	11/11/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	179
C-126	Bottom	2.5	7/20/2022	Excavated	<0.00200	<0.00399	<49.9	5,180	<49.9	**5,180**	189
	Bottom	3	9/28/2022	In-Situ	<0.00198	<0.00397	<49.9	50.7	<49.9	50.7	305
C-127	Bottom	2.5	7/20/2022	Excavated	<0.00200	0.00667	<49.9	1,510	<49.9	**1,510**	80.9
	Bottom	3	9/28/2022	Excavated	<0.00199	<0.00398	<50.0	793	121	**914**	223
	Bottom	4.1	11/2/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	126
C-128	Bottom	2.5	7/20/2022	Excavated	<0.00202	<0.00404	<50.0	673	<50.0	**673**	100
	Bottom	3	9/28/2022	Excavated	<0.00199	<0.00398	<50.0	729	112	**841**	189
	Bottom	4.1	11/2/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	172
C-129	Bottom	2.5	7/20/2022	Excavated	<0.00200	<0.00399	<50.0	951	<50.0	**951**	19.4
	Bottom	3	9/28/2022	In-Situ	<0.00200	<0.00399	<50.0	89.1	<50.0	89.1	74.8
C-130	Bottom	2.5	7/20/2022	Excavated	<0.00198	<0.00396	<50.0	1,030	<50.0	**1,030**	99.5
	Bottom	3	9/28/2022	Excavated	<0.00200	<0.00401	<49.9	169	<49.9	**169**	279
	Bottom	4.1	11/2/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	105
C-131	Bottom	2.5	7/20/2022	Excavated	<0.00199	<0.00398	<50.0	3,720	<50.0	**3,720**	172
	Bottom	3	9/28/2022	In-Situ	<0.00201	<0.00402	<50.0	94.2	<50.0	94.2	75.9
C-132	Bottom	2.5	7/20/2022	Excavated	<0.00198	0.00465	<49.9	744	<49.9	**744**	243
	Bottom	3	9/28/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	25.5
C-133	Bottom	2.5	7/20/2022	Excavated	<0.00199	<0.00398	<49.8	728	<49.8	**728**	99.9
	Bottom	3	9/29/2022	Excavated	<0.00201	<0.00402	<49.9	<49.9	386	**386**	270
	Bottom	4.1	11/2/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	46.3
C-134	Bottom	2.5	7/20/2022	Excavated	<0.00200	<0.00401	<50.0	1,640	<50.0	**1,640**	175
	Bottom	3	9/29/2022	Excavated	<0.00198	<0.00396	<50.0	<50.0	228	**228**	82.3
	Bottom	4.1	11/2/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	55.8
C-135	Bottom	2.5	7/20/2022	Excavated	<0.00201	<0.00402	<50.0	330	<50.0	**330**	310
	Bottom	3	9/29/2022	Excavated	0.0024	0.029	<49.9	<49.9	160	**160**	53.6
	Bottom	4.1	11/1/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	53

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Table 2
Confirmation Soil Sample Analytical Data Summary
Turkey Track Water Treatment Facility
Eddy County, New Mexico
North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
C-136	Bottom	2.5	7/20/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	27.2
C-137	Bottom	2.5	7/20/2022	Excavated	<0.00200	<0.00399	97.4	5,240	<49.9	**5,340**	86.2
	Bottom	3	9/29/2022	Excavated	<0.00199	<0.00398	<50.0	2,060	1,820	**3,880**	88.3
	Bottom	4.1	11/11/2022	In-Situ	<0.00200	<0.00401	<49.8	<49.8	<49.8	<49.8	82
C-138	Bottom	2.5	7/20/2022	Excavated	<0.00199	<0.00398	<249	7,900	<249	**7,900**	86.2
	Bottom	3	9/29/2022	Excavated	<0.00200	<0.00400	<249	5,570	5,070	**10,600**	115
	Bottom	4.1	11/11/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	104
C-139	Bottom	2.5	7/20/2022	In-Situ	<0.00200	<0.00401	<49.9	58.7	<49.9	58.7	49.3
C-140	Bottom	1.5	7/20/2022	Excavated	<0.00200	<0.00399	<49.9	2,370	<49.9	**2,370**	**2,790**
	Bottom	2.5	9/29/2022	Excavated	<0.00202	0.022	<50.0	<50.0	156	**156**	48.7
	Bottom	4.1	11/1/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	37.4
C-141	Bottom	1.5	7/20/2022	Excavated	<0.00199	<0.00398	<50.0	743	106	**849**	459
	Bottom	2.5	9/29/2022	Excavated	<0.00202	<0.00404	<49.9	<49.9	127	**127**	145
	Bottom	3.5	11/1/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	89.6
C-142	Bottom	1.5	7/20/2022	Excavated	<0.00201	<0.00402	<49.9	374	<49.9	**374**	204
	Bottom	2.5	9/29/2022	Excavated	<0.00200	<0.00399	<49.9	<49.9	104	**104**	23.1
	Bottom	3.5	11/1/2022	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	221
C-143	Bottom	1.5	7/20/2022	Excavated	<0.00202	0.00732	<50.0	193	<50.0	**193**	135
	Bottom	2.5	9/29/2022	Excavated	<0.00199	<0.00398	<49.9	<49.9	108	**108**	28.1
	Bottom	3.5	11/1/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	26.1
C-144	Bottom	1.5	7/20/2022	Excavated	<0.00199	<0.00398	<50.0	487	54.1	**541**	204
	Bottom	2.5	9/29/2022	Excavated	<0.00199	<0.00398	<50.0	<50.0	230	**230**	33.2
	Bottom	3.5	11/1/2022	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	46.6
C-145	Bottom	1.5	7/20/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	101
C-146	Bottom	1.5	7/20/2022	Excavated	<0.00198	<0.00396	<49.9	629	88.0	**717**	200
	Bottom	2.5	9/29/2022	In-Situ	<0.00198	<0.00397	<49.9	<49.9	<49.9	<49.9	18.7
C-147	Bottom	1.5	7/20/2022	Excavated	<0.00202	<0.00403	<49.9	183	<49.9	**183**	300

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North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
	Bottom	2.5	9/29/2022	In-Situ	<0.00198	0.0105	<50.0	<50.0	<50.0	<50.0	16.9
C-148	Bottom	1.5	7/20/2022	Excavated	<0.00200	<0.00399	<50.0	277	<50.0	**277**	189
	Bottom	2.5	9/29/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	25.5
C-149	Bottom	1.5	7/20/2022	Excavated	<0.00201	<0.00402	<49.9	346	<49.9	**346**	297
	Bottom	2.5	9/29/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	47.5
C-150	Bottom	1.5	7/20/2022	Excavated	<0.00200	0.00429	<49.9	71.3	<49.9	71.3	79.3
	Bottom	2.5	9/29/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	17.6
C-151	Bottom	1.5	7/20/2022	Excavated	<0.00200	<0.00399	<50.0	475	<50.0	**475**	154
	Bottom	2.5	9/29/2022	In-Situ	<0.00202	<0.00403	<50.0	<50.0	<50.0	<50.0	43.5
C-152	Bottom	1.5	7/20/2022	Excavated	<0.00199	<0.00398	<50.0	224	<50.0	**224**	293
	Bottom	2.5	9/29/2022	In-Situ	<0.00199	<0.00398	<49.9	54.6	<49.9	54.6	53.6
C-153	Bottom	1.5	7/20/2022	In-Situ	<0.00198	<0.00396	<500	70.7	<50.0	70.7	106
C-154	Bottom	1.5	7/20/2022	Excavated	<0.00202	<0.00404	<50.0	962	136	**1,100**	178
	Bottom	2.5	9/29/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	36.3
C-155	Bottom	1.5	7/20/2022	Excavated	<0.00200	0.00865	<50.0	103	<50.0	**103**	152
	Bottom	2.5	9/29/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	35
C-156	Bottom	1.5	7/20/2022	Excavated	<0.00199	<0.00398	<49.9	106	<49.9	**106**	98.4
	Bottom	2.5	9/29/2022	In-Situ	<0.00199	<0.00398	<50.0	80.1	<50.0	80.1	29.9
C-157	Bottom	1.5	7/20/2022	Excavated	<0.00202	<0.00403	<50.0	232	<50.0	**232**	123
	Bottom	2.5	9/29/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	26.7
C-158	Bottom	1.5	7/20/2022	Excavated	<0.00200	<0.00399	<49.9	601	82.0	**683**	188
	Bottom	2.5	9/29/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	199
C-159	Bottom	1.5	7/20/2022	Excavated	<0.00199	<0.00398	<49.9	397	54.8	**452**	194
	Bottom	2.5	9/29/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	78.5
C-160	Bottom	1.5	7/20/2022	Excavated	<0.00200	<0.00400	<49.9	618	68.8	**687**	137
	Bottom	2.5	9/29/2022	In-Situ	0.0029	<0.00396	<50.0	52.5	<50.0	52.5	29.8
C-161	Bottom	1.5	7/20/2022	Excavated	<0.00200	<0.00399	<250	10,000	1,540	**11,500**	33.4

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Eddy County, New Mexico
North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
	Bottom	2.5	9/29/2022	In-Situ	<0.00200	<0.00401	<49.9	63.1	<49.9	63.1	16.4
C-162	Bottom	1.5	7/20/2022	Excavated	<0.00199	<0.00398	<49.9	823	120	**943**	124
	Bottom	2.5	9/29/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	121
C-163	Bottom	1.5	7/20/2022	In-Situ	<0.00201	<0.00402	<50.0	56.5	<50.0	56.5	134
C-164	Sidewall	0 - 2.5	7/20/2022	Excavated	<0.00201	<0.00402	<50.0	732	65.4	**797**	316
	Sidewall	0 - 2.5	9/29/2022	Excavated	<0.00200	<0.00399	<49.9	857	<49.9	**857**	131
	Bottom	4.1	12/6/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	187
C-165	Sidewall	0 - 2.5	7/20/2022	Excavated	<0.00200	<0.00401	<250	7,060	928	**8,040**	133
	Sidewall	0 - 2.5	9/29/2022	Excavated	<0.00200	<0.00401	<49.9	659	<49.9	**659**	168
	Sidewall	0-3	11/11/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	35.9
C-166	Sidewall	0 - 2.5	7/20/2022	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	13.1
C-167	Sidewall	0 - 2.5	7/20/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	116
C-168	Sidewall	0 - 2.5	7/20/2022	Excavated	<0.00199	<0.00398	<50.0	370	<50.0	**370**	203
	Sidewall	0 - 2.5	9/29/2022	Excavated	<0.00201	<0.00402	<49.9	194	<49.9	**194**	127
	Sidewall	0-3.5	11/11/2022	Excavated	<0.00199	<0.00398	<49.9	1,510	<49.9	**1,510**	107
	Sidewall	0-4.1	12/7/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	44.3
C-169	Sidewall	0 - 1.5	7/20/2022	Excavated	<0.00200	<0.00399	<49.9	651	60.8	**712**	143
	Sidewall	0 - 2.5	9/29/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	50.1
C-170	Sidewall	0 - 1.5	7/20/2022	Excavated	<0.00198	<0.00397	<249	7,100	820	**7,920**	477
	Sidewall	0 - 2.5	9/29/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	215
C-171	Sidewall	0 - 1.5	7/20/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	385
C-172	Sidewall	0 - 1.5	7/20/2022	Excavated	<0.00200	<0.00401	<49.9	1,100	147	**1,250**	84.8
	Sidewall	0 - 2.5	9/29/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	222
C-173	Sidewall	0 - 1.5	7/20/2022	Excavated	<0.00201	<0.00402	<49.9	828	114	**942**	153
	Sidewall	0 - 2.5	9/29/2022	In-Situ	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	28.8
C-174	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	131
C-175	Bottom	4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<49.9	223	<49.9	223	189

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Eddy County, New Mexico
North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
C-176	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	174
C-177	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	167
C-178	Bottom	4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	138
C-179	Bottom	4.1	7/20/2022	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	301
C-180	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	87.2
C-181	Bottom	4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<50.0	61.3	<50.0	61.3	154
C-182	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00401	<49.9	127	<49.9	127	208
C-183	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00399	<50.0	184	<50.0	184	138
C-184	Bottom	4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<49.9	207	<49.9	207	115
C-185	Bottom	4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<49.9	173	<49.9	173	150
C-186	Bottom	4.1	7/20/2022	In-Situ	<0.00201	<0.00402	<49.9	174	<49.9	174	124
C-187	Bottom	4.1	7/20/2022	In-Situ	<0.00201	<0.00402	<49.9	336	<49.9	336	154
C-188	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	104
C-189	Bottom	4.1	7/20/2022	In-Situ	<0.00000	0.00477	<49.9	211	<49.9	211	171
C-190	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00399	<49.9	145	<49.9	145	116
C-191	Bottom	4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<50.0	115	<50.0	115	129
C-192	Bottom	4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<49.9	327	<49.9	327	112
C-193	Bottom	4.1	7/20/2022	In-Situ	<0.00198	0.00405	<49.9	177	<49.9	177	453
C-194	Bottom	4.1	7/20/2022	In-Situ	<0.00198	0.00536	<50.0	125	<50.0	125	323
C-195	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00401	<49.9	134	<49.9	134	80.4
C-196	Bottom	4.1	7/20/2022	In-Situ	<0.00201	<0.00402	<49.9	194	<49.9	194	159
C-197	Bottom	4.1	7/20/2022	In-Situ	<0.00202	<0.00403	<50.0	73	<50.0	73	220
C-198	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	260
C-199	Bottom	4.1	7/20/2022	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	143
C-200	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	216
C-201	Bottom	4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<50.0	52.1	<50.0	52.1	191
C-202	Bottom	4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<49.9	76.7	<49.9	76.7	182

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North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
C-203	Bottom	4.1	7/20/2022	In-Situ	<0.00198	<0.00397	<50.0	202	<50.0	202	138
C-204	Bottom	4.1	7/20/2022	In-Situ	<0.00198	<0.00396	<50.0	283	<50.0	283	116
C-205	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00400	<49.9	56.2	<49.9	56.2	54.9
C-206	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00201	<49.9	114	<49.9	114	165
C-207	Bottom	4.1	7/20/2022	In-Situ	<0.00201	<0.00402	<49.9	123	<49.9	123	221
C-208	Bottom	4.1	7/20/2022	In-Situ	<0.00202	<0.00404	<49.9	67.2	<49.9	67.2	227
C-209	Bottom	4.1	7/20/2022	In-Situ	<0.00201	<0.00402	<49.9	79.2	<49.9	79.2	262
C-210	Bottom	4.1	7/20/2022	In-Situ	<0.00202	<0.00403	<50.0	64.8	<50.0	64.8	225
C-211	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	204
C-212	Bottom	4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	183
C-213	Bottom	4.1	7/20/2022	In-Situ	<0.00198	0.00485	<49.9	<49.9	<49.9	<49.9	155
C-214	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00401	308	<50.0	<50.0	308	324
C-215	Bottom	4.1	7/20/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	382
C-216	Bottom	4.1	7/20/2022	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	405
C-217	Bottom	4.1	7/20/2022	In-Situ	<0.00200	0.00417	<49.9	<49.9	<49.9	<49.9	291
C-218	Bottom	4.1	7/20/2022	In-Situ	<0.00202	0.0108	<49.9	<49.9	<49.9	<49.9	549
C-219	Bottom	4.1	7/20/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	480
C-220	Bottom	4.1	7/20/2022	In-Situ	<0.00200	<0.00399	<49.9	79.4	<49.9	79.4	99.2
C-221	Sidewall	0 - 4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	<5.02
C-222	Sidewall	0 - 4.1	7/20/2022	In-Situ	<0.00199	<0.00398	<49.9	81.1	<49.9	81.1	131
C-223	Sidewall	0 - 4.1	7/20/2022	Excavated	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	**956**
	Sidewall	0 - 4.1	9/29/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	181
C-224	Sidewall	0 - 4.1	7/20/2022	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	34.9
C-225	Sidewall	0 - 4.1	7/20/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	42.2
C-226	Sidewall	0 - 4.1	7/20/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	61.9
C-227	Sidewall	0 - 4.1	7/20/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	297
C-228	Sidewall	0 - 4.1	7/20/2022	Excavated	<0.00199	<0.00398	<49.9	358	50.2	**408**	284

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Turkey Track Water Treatment Facility
Eddy County, New Mexico
North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
	Sidewall	0 - 4.1	9/29/2022	Excavated	<0.00198	<0.00396	<49.9	148	<49.9	**148**	180
	Sidewall	0-4.1	11/11/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	136
C-229	Sidewall	0 - 4.1	7/20/2022	In-Situ	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	13.1
C-230	Sidewall	0 - 4.1	7/20/2022	Excavated	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	**1,170**
	Sidewall	0 - 4.1	9/29/2022	In-Situ	<0.00200	<0.00400	<50.0	<50.0	<50.0	<50.0	51.5
C-231a	Bottom	1	10/3/2022	In-Situ	<0.00202	<0.00403	<49.9	<49.9	<49.9	<49.9	200
C-231b	Bottom	3.5	11/11/2022	Excavated	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	**1,610**
	Bottom	4.1	12/6/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	320
C-232	Sidewall	0 - 1	10/3/2022	In-Situ	<0.00202	<0.00404	<49.9	<49.9	<49.9	<49.9	99.8
	Bottom	4.1	11/11/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	248
C-233	Bottom	4.1	11/11/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	18.2
C-234	Bottom	3.5	11/10/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	148
C-235	Bottom	3.5	11/10/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	73.1
C-237	Bottom	4.1	11/11/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	1630
C-238	Bottom	4.1	11/11/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	398
C-239	Bottom	3.5	11/11/2022	Excavated	<0.00199	<0.00398	<50.0	736	<50.0	**736**	272
	Bottom	4.1	12/6/2022	In-Situ	<0.00198	<0.00397	<50.0	<50.0	<50.0	<50.0	151
C-240	Bottom	3.5	11/10/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	106
C-241	Bottom	3.5	11/10/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	251
C-242	Bottom	3.5	11/10/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	299
C-243	Bottom	3.5	11/10/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	119
C-244	Bottom	3.5	11/11/2022	In-Situ	<0.00199	<0.00398	<49.9	77.3	<49.9	**77.3**	100
C-245	Bottom	3.5	11/11/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	385
C-246	Bottom	3.5	11/3/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	14.1
C-247	Bottom	3.5	11/3/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	23.9
C-248	Bottom	4.1	11/3/2022	In-Situ	<0.00202	<0.00404	<50.0	<50.0	<50.0	<50.0	25.8
C-249	Bottom	4.1	11/3/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	62.9

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North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
C-250	Bottom	4.1	11/3/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	86.8
C-251	Bottom	4.1	11/3/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	69.8
C-252	Bottom	3.5	11/3/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	153
C-253	Bottom	1.5	10/3/2022	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	43.1
C-254	Bottom	4.1	11/3/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	168
C-255	Sidewall	0-3.5	11/10/2022	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	233
C-256	Sidewall	0-3.5	11/10/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	278
C-257	Sidewall	0-3.5	11/11/2022	Excavated	<0.00200	<0.00401	<50.0	175	<50.0	**175**	150
	Sidewall	0-3.5	12/7/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	67.0
C-258	*SAMPLE ID NOT USED*										
C-259	Sidewall	0-3.5	11/10/2022	In-Situ	<0.00201	<0.00402	<49.8	<49.8	<49.8	<49.8	21.1
C-260	Sidewall	0-3.5	11/10/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	327
Backfill Confirmation Composite Samples											
BF-1	Backfill	--	09/20/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	20.8
BF-2	Backfill	--	09/20/2022	In-Situ	<0.00200	<0.00399	<49.9	<49.9	<49.9	<49.9	19.4
BF-3	Backfill	--	09/20/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	21.1
BF-4	Backfill	--	09/20/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	7.98
BF-5	Backfill	--	09/20/2022	In-Situ	<0.00200	<0.00401	<50.0	<50.0	<50.0	<50.0	7.96
BF-6	Backfill	--	09/20/2022	In-Situ	<0.00201	<0.00402	<50.0	<50.0	<50.0	<50.0	14.9
BF-7	Backfill	--	09/20/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	11.3
BF-8	Backfill	--	09/20/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	17.3
BF-9	Backfill	--	09/20/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	14.5
BF-10	Backfill	--	09/20/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	10.0
BF-11	Backfill	--	09/20/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	15.4
BF-12	Backfill	--	09/20/2022	In-Situ	<0.00200	<0.00401	<49.9	<49.9	<49.9	<49.9	12.5
BF-13	Backfill	--	09/20/2022	In-Situ	<0.00200	<0.00399	<49.8	<49.8	<49.8	<49.8	14.8

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Eddy County, New Mexico
North 32° 40' 45.32", West 104° 05' 53.10"

Sample ID	Location	Depth (feet)	Collection Date	Status	Benzene (mg/Kg)	BTEX (mg/Kg)	C6 - C12 (mg/Kg)	C12 - C28 (mg/Kg)	C28 - C35 (mg/Kg)	TPH (mg/Kg)	Chloride (mg/Kg)
Closure Critera:					***10***	***50***				***100/2,500***	***600/10,000***
BF-14	Backfill	--	09/20/2022	In-Situ	<0.00199	<0.00398	<50.0	<50.0	<50.0	<50.0	8.74
BF-15	Backfill	--	09/20/2022	In-Situ	<0.00199	<0.00398	<49.8	<49.8	<49.8	<49.8	14.5
BF-16	Backfill	--	09/20/2022	In-Situ	<0.00201	<0.00402	<49.9	<49.9	<49.9	<49.9	12.3
BF-17	Backfill	--	09/20/2022	In-Situ	<0.00200	<0.00399	<50.0	<50.0	<50.0	<50.0	18.4
BF-18	Backfill	--	09/20/2022	In-Situ	<0.00199	<0.00398	<49.9	<49.9	<49.9	<49.9	21.8

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

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

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

Depth reported in feet below ground surface (bgs)

Bold and Highlighted indicates parameter concentration above NMOCD closure criteria

Figures

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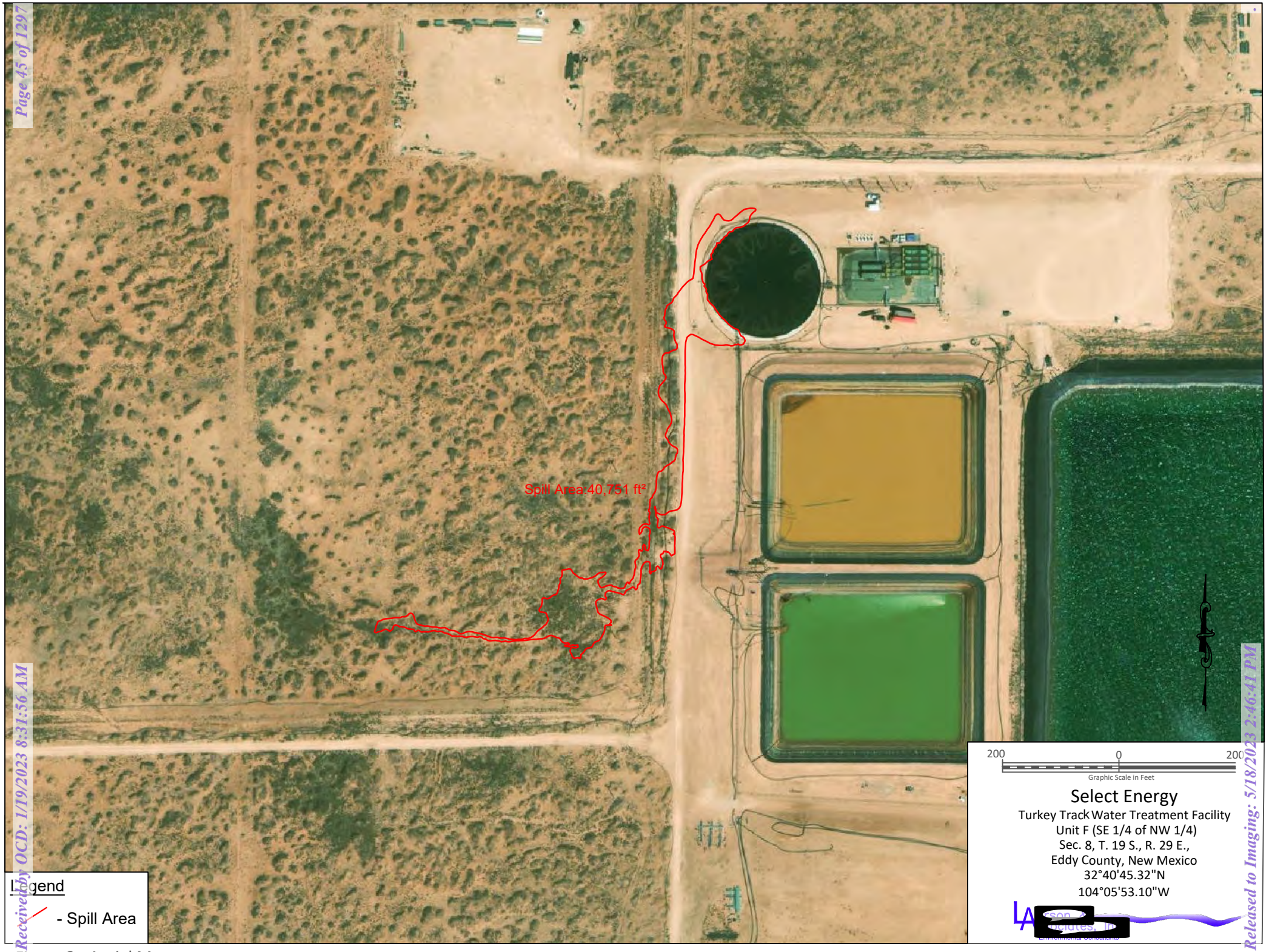


Figure 1 - Topographic Map

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Figure 2 - Aerial Map

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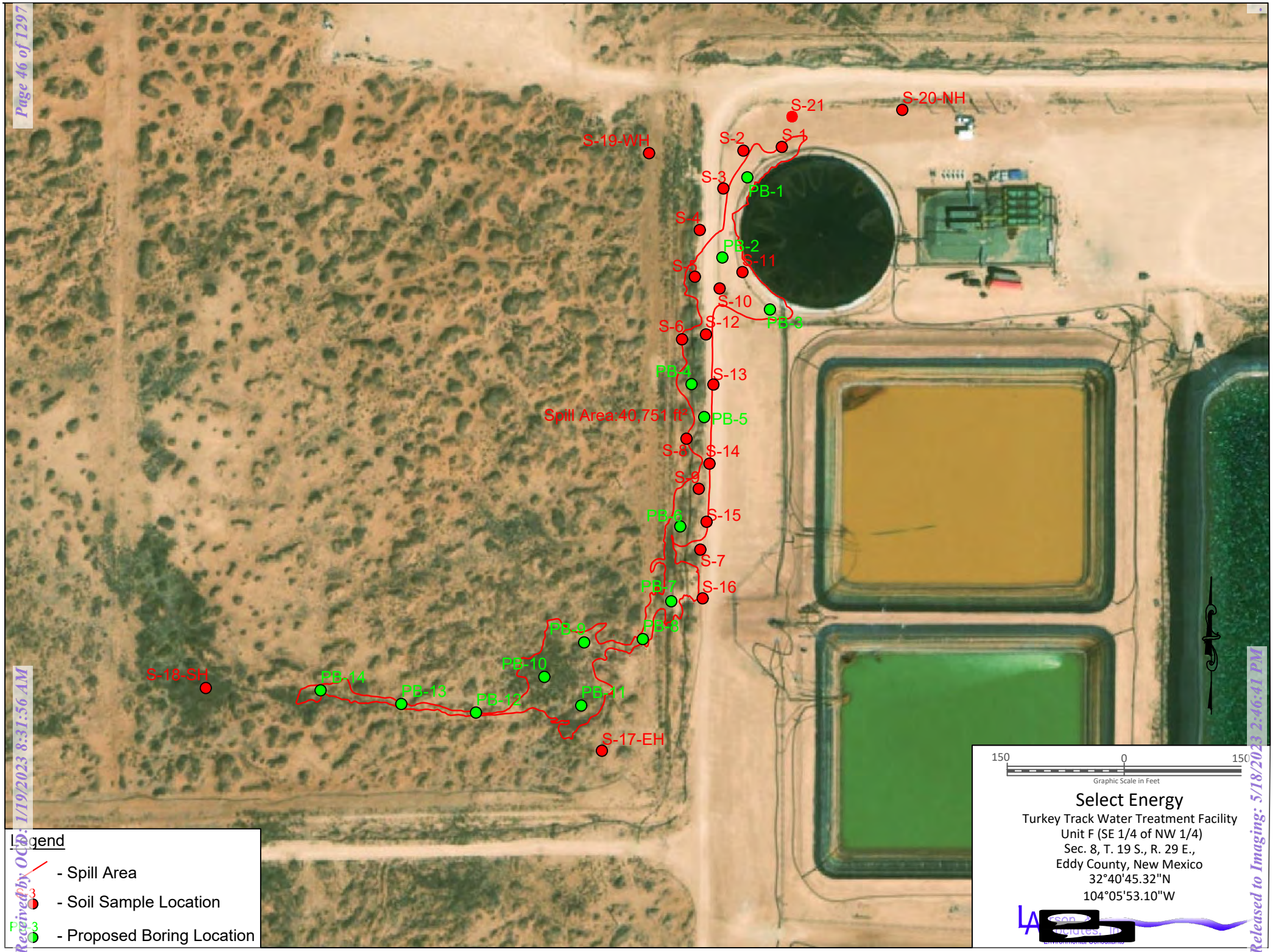


Figure 3 - Aerial Map Showing Soil Sample Locations

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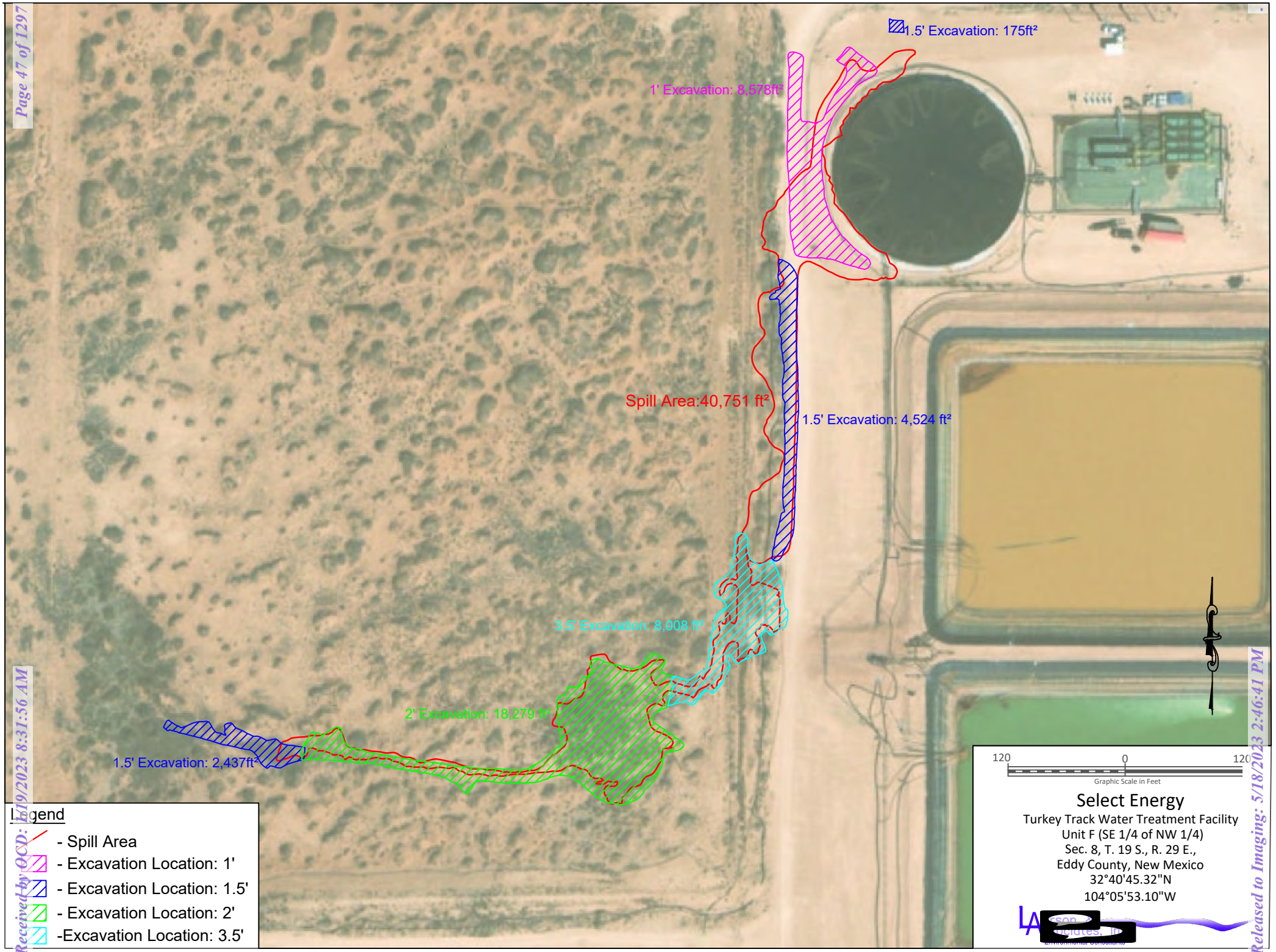


Figure 4 - Aerial Map Showing Excavation Areas

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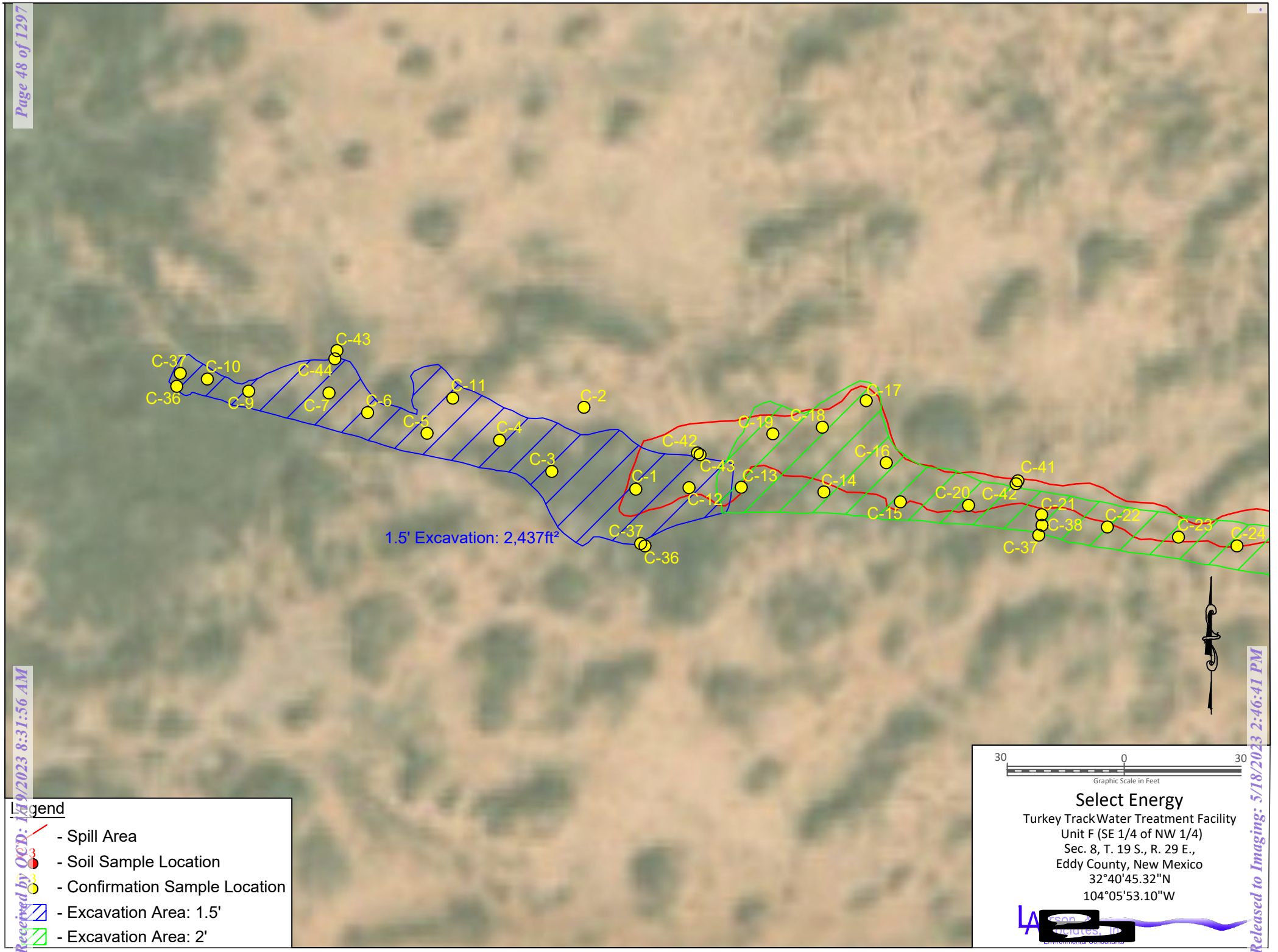


Figure 4a - Focused Aerial Map Showing South Western Excavation Areas

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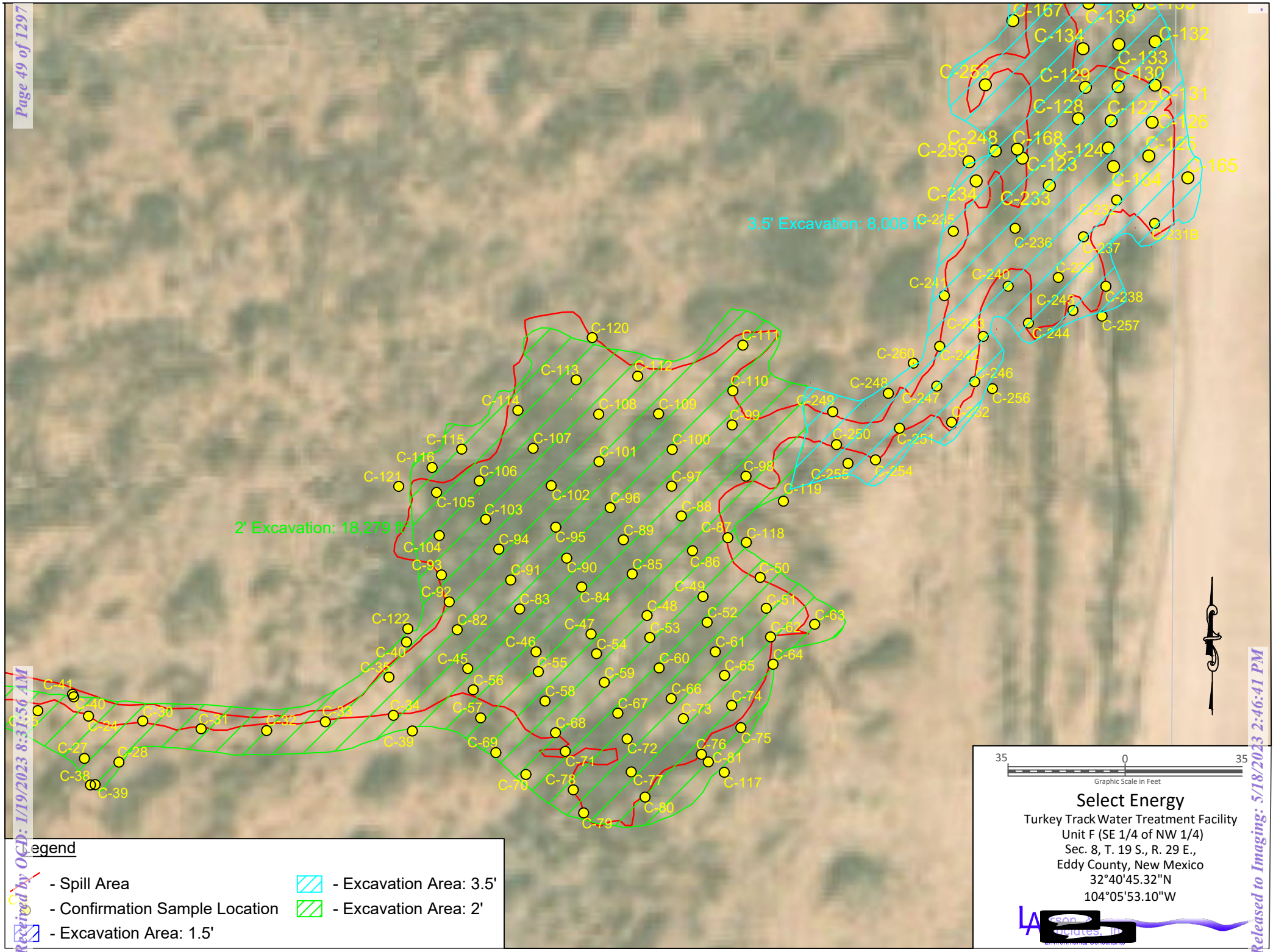
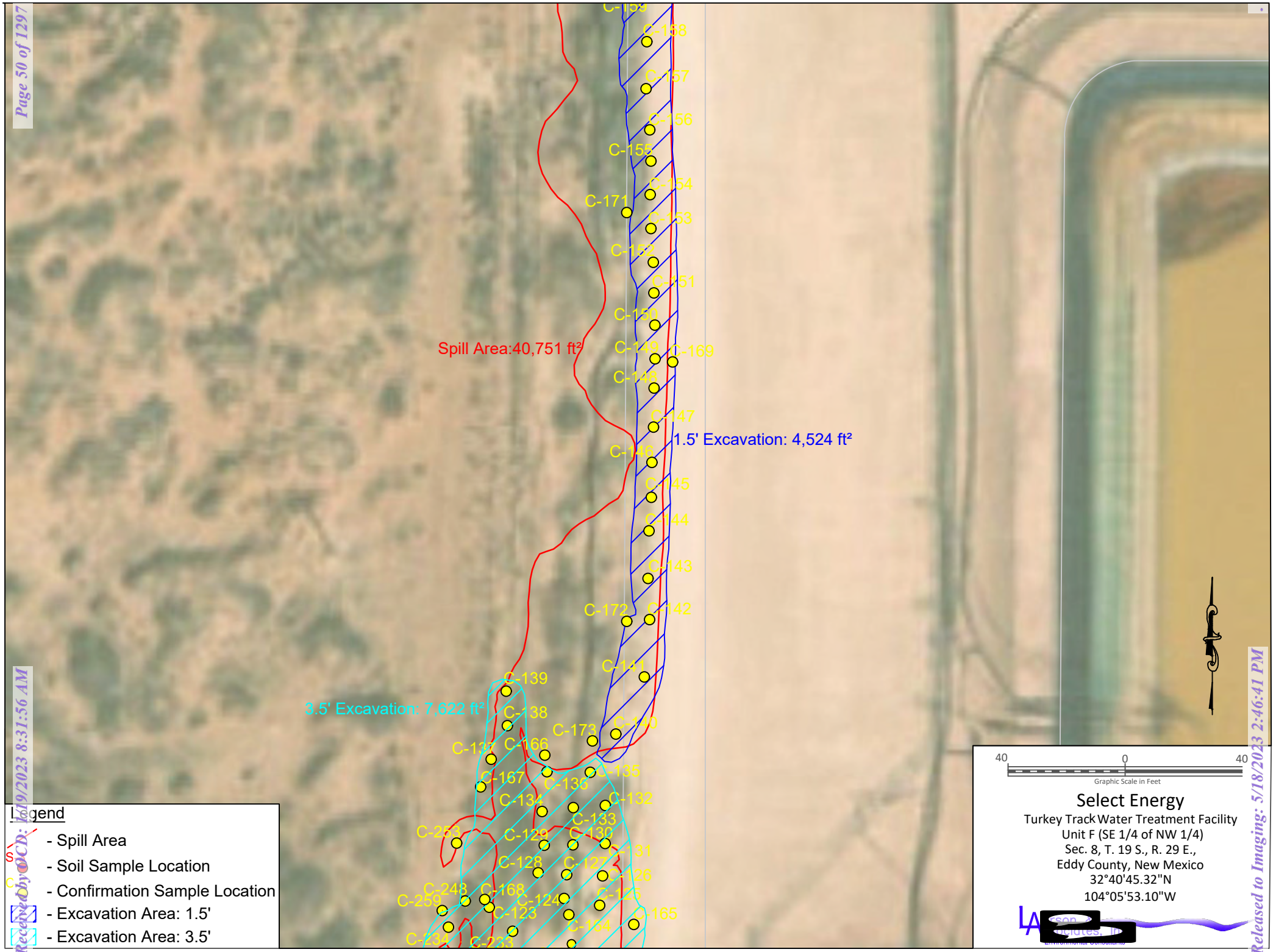


Figure 4b - Focused Aerial Map Showing South Eastern Excavation Areas

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Figure 4c - Focused Aerial Map Showing North Eastern Excavation Areas

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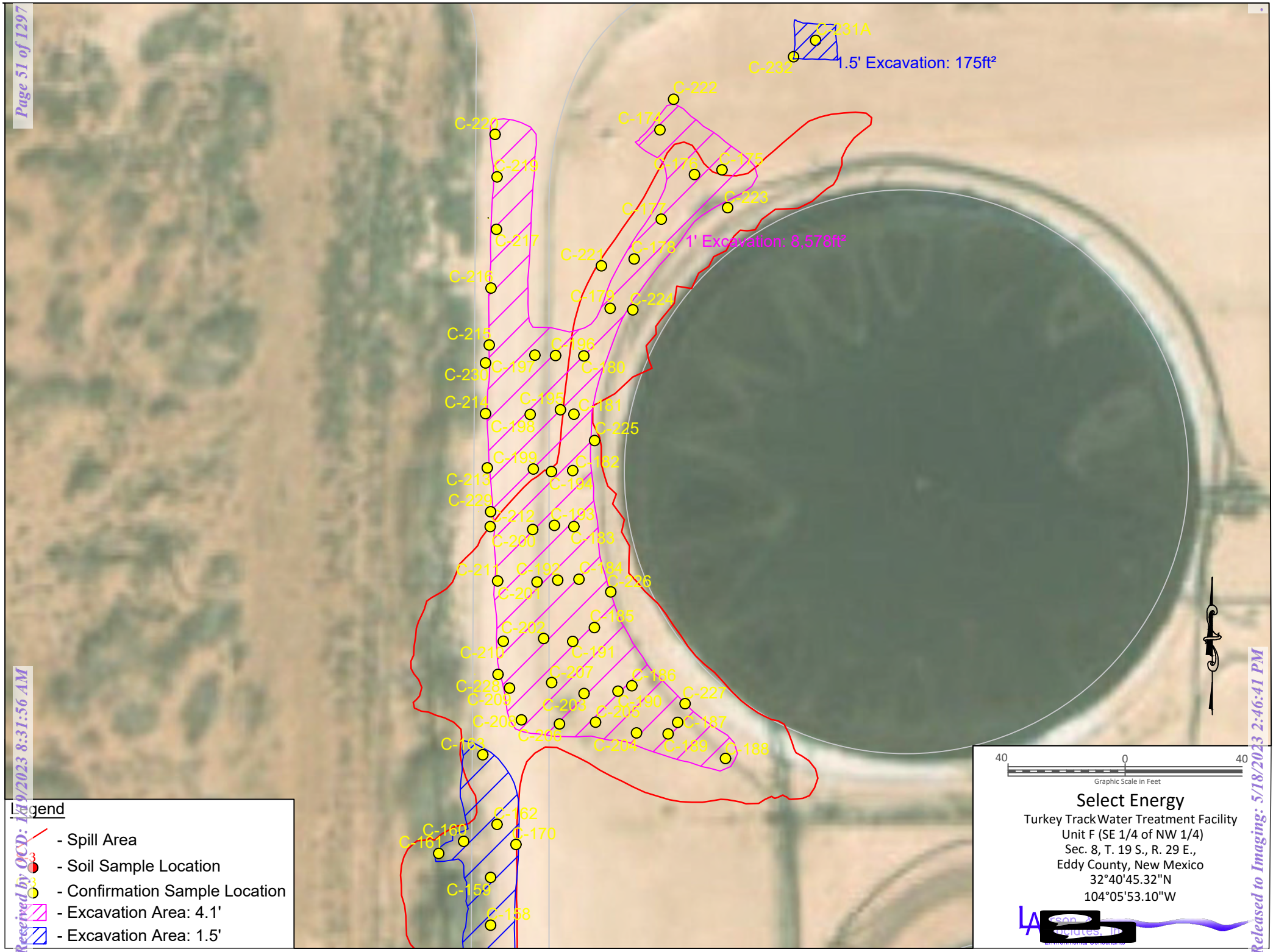


Figure 4d - Focused Aerial Map Showing Northern Excavation Areas

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Appendix A

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	
District RP	
Facility ID	
Application ID	

Release Notification

Responsible Party

Responsible Party: OXY USA INC	OGRID: 16696
Contact Name: WADE DITTRICH	Contact Telephone: (575)390-2828
Contact email: WADE_DITTRICH@OXY.COM	Incident # *(assigned by OCD)*
Contact mailing address: PO BOX 4294; HOUSTON, TX 77210	

Location of Release Source

Latitude 32.679580 Longitude -104.098066
(NAD 83 in decimal degrees to 5 decimal places)

Site Name: Turkey Tract Water Treatment Facility	Site Type: Water Treatment Facility
Date Release Discovered: 1/24/2022	API# *(if applicable)*

Unit Letter	Section	Township	Range	County
F	8	19 S	29 E	Eddy

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

Nature and Volume of Release

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

☒ Crude Oil	Volume Released (bbls): 300 bbls	Volume Recovered (bbls): 260 bbls
☐ Produced Water	Volume Released (bbls)	Volume Recovered (bbls)
	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: Aboveground Storage Tank (AST) overflowed due to high level.		

State of New Mexico
Oil Conservation Division

Incident ID	
District RP	
Facility ID	
Application ID	

Was this a major release as defined by 19.15.29.7(A) NMAC? ☒ Yes ☐ No	If YES, for what reason(s) does the responsible party consider this a major release? Release greater than 25 bbls.

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
Wade Dittrich with OXY Permian via email on January 26, 2022 at 9.56AM MST to OCD.enviro@state.nm.us and Ryan Mann (rmann@slo@state.nm.us).

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: Wade Dittrich Title: Environmental Coordinator

Signature: _____ Date:

email: wade_dittrich@oxy.com Telephone: (575)390-2828

OCD Only

Received by: _____ Date: _____

Appendix B

NMOCD Communications

Daniel St. Germain

From: Robert Nelson
Sent: Friday, November 4, 2022 4:32 PM
To: Hamlet, Robert, EMNRD; Nobui, Jennifer, EMNRD
Cc: Halie Butler; Daniel St. Germain
Subject: Turkey Tract Water Treatment Facility (nAPP2211536378) Excavation Backfill Notice
Attachments: Figure 3 - Aerial Map Showing Proposed Excavation Areas new.pdf

Hello Mr. Hamlet and Ms. Nobui,

Larson & Associates, Inc. (LAI) on behalf of Select Energy Services, is providing two (2) business day notification to the New Mexico Oil Conservation Division (NMOCD) District II prior to subsequent backfill on Wednesday November 9th pending laboratory analysis at the Turkey Tract Water Treatment Facility (nAPP2211536378). LAI submits the attached proposed excavation map for your reference. Please feel free to contact Halie Butler with Select at hbutler@selectenergy.com or me with any questions or concerns.

Thank you,

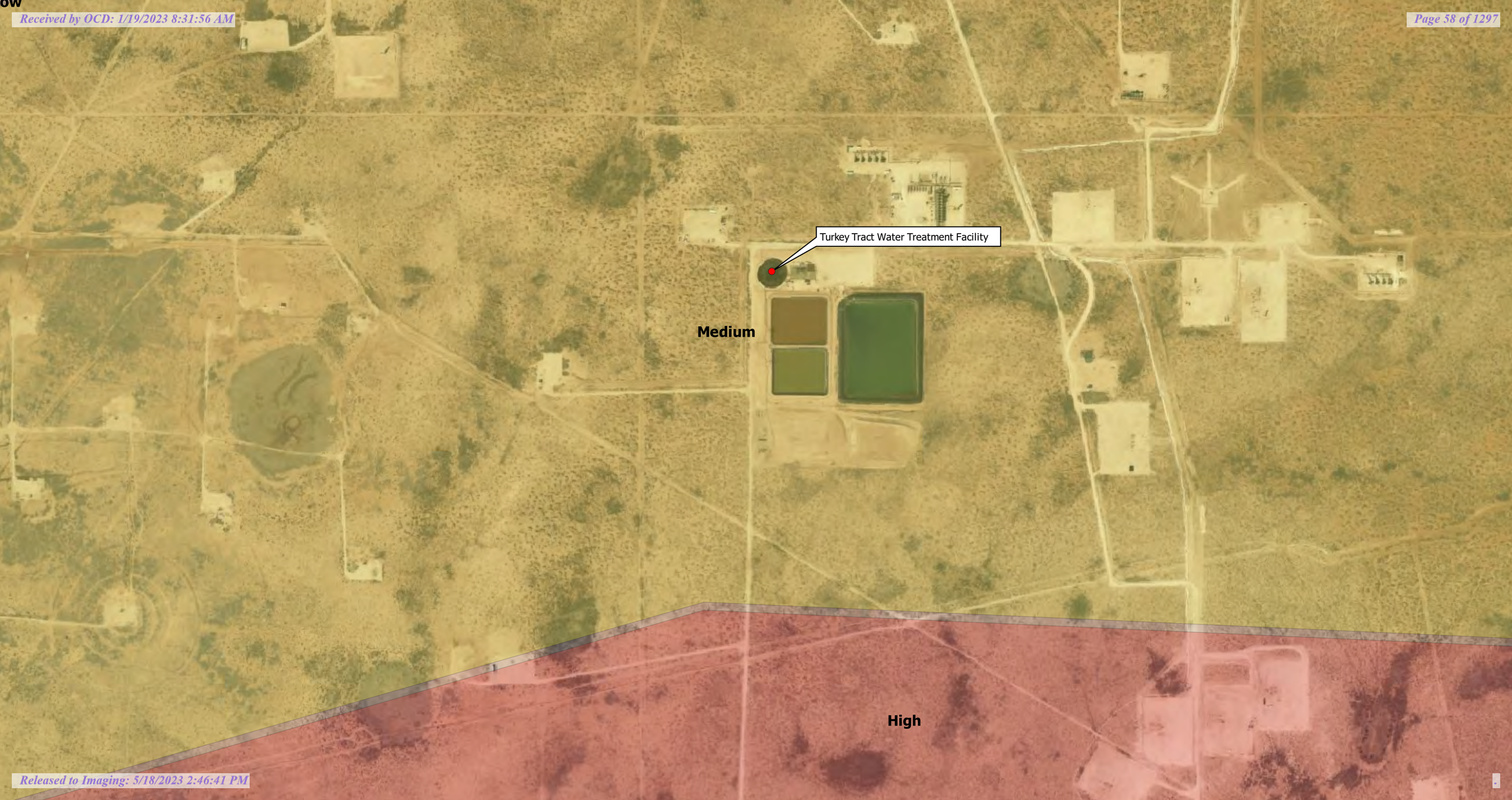
Robert Nelson
Sr. Geologist
Office – 432-687-0901
Cell – 432-664-4804
rnelson@laenvironmental.com



Appendix C

Karst Potential Map

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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: 880-10733-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Tract

For:
Larson & Associates, Inc.
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Midland, Texas 79701

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
2/4/2022 1:37:55 PM

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

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 880-10733-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
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. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Job ID: 880-10733-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-10733-1

Receipt
The samples were received on 1/31/2022 9:18 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 -2.7°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: S-4 1' (880-10733-8), S-8 .5' (880-10733-15), (CCV 880-18101/20), (CCV 880-18101/33), (CCV 880-18101/51) and (CCV 880-18101/64). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-18132 and analytical batch 880-18101 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-12 1' (880-10733-24) and S-14 1' (880-10733-28). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA
Method 8015MOD_NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-18264 and analytical batch 880-18454 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015MOD_NM: Surrogate recovery for the following samples were outside control limits: S-19 1' (880-10733-38) and (880-10733-A-21-G MSD). Evidence of matrix interferences is not obvious.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-18216 and 880-18216 and analytical batch 880-18524 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 880-18215 and analytical batch 880-18523 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 880-18212 and analytical batch 880-18519 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: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-1 .5'

Date Collected: 01/28/22 11:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-1

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U F1 F2	0.00200		mg/Kg		01/31/22 10:05	01/31/22 22:49	1
Toluene	<0.00200	U F1 F2	0.00200		mg/Kg		01/31/22 10:05	01/31/22 22:49	1
Ethylbenzene	<0.00200	U F1 F2	0.00200		mg/Kg		01/31/22 10:05	01/31/22 22:49	1
m,p-Xylenes	<0.00399	U F1 F2	0.00399		mg/Kg		01/31/22 10:05	01/31/22 22:49	1
o-Xylene	<0.00200	U F1 F2	0.00200		mg/Kg		01/31/22 10:05	01/31/22 22:49	1
Xylenes, Total	<0.00399	U F1 F2	0.00399		mg/Kg		01/31/22 10:05	01/31/22 22:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*01/31/22 10:05*	*01/31/22 22:49*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/31/22 10:05*	*01/31/22 22:49*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 20:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 20:20	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 20:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*02/01/22 09:06*	*02/03/22 20:20*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*02/01/22 09:06*	*02/03/22 20:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.7**		4.98		mg/Kg			02/03/22 14:55	1

Client Sample ID: S-1 1'

Date Collected: 01/28/22 11:01
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-2

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		01/31/22 10:05	01/31/22 23:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/31/22 10:05	01/31/22 23:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/31/22 10:05	01/31/22 23:09	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		01/31/22 10:05	01/31/22 23:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/31/22 10:05	01/31/22 23:09	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		01/31/22 10:05	01/31/22 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*01/31/22 10:05*	*01/31/22 23:09*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/31/22 10:05*	*01/31/22 23:09*	*1*

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-1 1'

Date Collected: 01/28/22 11:01
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-2
Matrix: Solid

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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 21:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 21:20	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*02/01/22 09:06*	*02/03/22 21:20*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*02/01/22 09:06*	*02/03/22 21:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.2**	**F1**	4.99		mg/Kg			02/03/22 18:39	1

Client Sample ID: S-2 .5'

Date Collected: 01/28/22 11:05
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-3
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		01/31/22 10:05	01/31/22 23:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	01/31/22 23:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	01/31/22 23:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/22 10:05	01/31/22 23:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	01/31/22 23:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/22 10:05	01/31/22 23:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*01/31/22 10:05*	*01/31/22 23:30*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/31/22 10:05*	*01/31/22 23:30*	*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			02/01/22 12:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**197**		49.9		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 21:40	1
Diesel Range Organics (Over C10-C28)	**197**		49.9		mg/Kg		02/01/22 09:06	02/03/22 21:40	1

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-2 .5'
Lab Sample ID: 880-10733-3
Date Collected: 01/28/22 11:05 **Matrix: Solid**
Date Received: 01/31/22 09:18

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*02/01/22 09:06*	*02/03/22 21:40*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*02/01/22 09:06*	*02/03/22 21:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.6**		4.95		mg/Kg			02/03/22 18:58	1

Client Sample ID: S-2 1'
Lab Sample ID: 880-10733-4
Date Collected: 01/28/22 11:06 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	01/31/22 23:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	01/31/22 23:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	01/31/22 23:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	01/31/22 23:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	01/31/22 23:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	01/31/22 23:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*01/31/22 10:05*	*01/31/22 23:50*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*01/31/22 10:05*	*01/31/22 23:50*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 22:01	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 22:01	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*02/01/22 09:06*	*02/03/22 22:01*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*02/01/22 09:06*	*02/03/22 22:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.4**		5.04		mg/Kg			02/03/22 19:04	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-3 .5'

Date Collected: 01/28/22 11:10
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-5
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		01/31/22 10:05	02/01/22 00:11	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:05	02/01/22 00:11	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:05	02/01/22 00:11	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		01/31/22 10:05	02/01/22 00:11	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:05	02/01/22 00:11	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/31/22 10:05	02/01/22 00:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*01/31/22 10:05*	*02/01/22 00:11*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/31/22 10:05*	*02/01/22 00:11*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 22:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 22:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 22:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*02/01/22 09:06*	*02/03/22 22:22*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*02/01/22 09:06*	*02/03/22 22:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		4.97		mg/Kg			02/03/22 19:10	1

Client Sample ID: S-3 1'

Date Collected: 01/28/22 11:11
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-6
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		01/31/22 10:05	02/01/22 00:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 00:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 00:31	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/31/22 10:05	02/01/22 00:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 00:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/22 10:05	02/01/22 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*01/31/22 10:05*	*02/01/22 00:31*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/31/22 10:05*	*02/01/22 00:31*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-3 1'
Lab Sample ID: 880-10733-6
Date Collected: 01/28/22 11:11 **Matrix: Solid**
Date Received: 01/31/22 09:18

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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 22:43	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 22:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 22:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*02/01/22 09:06*	*02/03/22 22:43*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*02/01/22 09:06*	*02/03/22 22:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**207**		4.95		mg/Kg			02/03/22 19:16	1

Client Sample ID: S-4 .5'
Lab Sample ID: 880-10733-7
Date Collected: 01/28/22 11:15 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:05	02/01/22 00:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:05	02/01/22 00:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:05	02/01/22 00:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/31/22 10:05	02/01/22 00:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:05	02/01/22 00:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/22 10:05	02/01/22 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*01/31/22 10:05*	*02/01/22 00:51*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/31/22 10:05*	*02/01/22 00:51*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 23:04	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 23:04	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-4 .5'
Lab Sample ID: 880-10733-7
Date Collected: 01/28/22 11:15 **Matrix: Solid**
Date Received: 01/31/22 09:18

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 23:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*02/01/22 09:06*	*02/03/22 23:04*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*02/01/22 09:06*	*02/03/22 23:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.1**		5.02		mg/Kg			02/03/22 19:35	1

Client Sample ID: S-4 1'
Lab Sample ID: 880-10733-8
Date Collected: 01/28/22 11:06 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 01:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 01:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 01:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	02/01/22 01:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 01:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	02/01/22 01:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*01/31/22 10:05*	*02/01/22 01:12*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*01/31/22 10:05*	*02/01/22 01:12*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 23:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 23:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 23:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*02/01/22 09:06*	*02/03/22 23:25*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*02/01/22 09:06*	*02/03/22 23:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**		4.98		mg/Kg			02/03/22 19:41	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-5 .5'

Lab Sample ID: 880-10733-9
Matrix: Solid
Date Collected: 01/28/22 11:20
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	02/01/22 01:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	02/01/22 01:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	02/01/22 01:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/22 10:05	02/01/22 01:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	02/01/22 01:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/22 10:05	02/01/22 01:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*01/31/22 10:05*	*02/01/22 01:32*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*01/31/22 10:05*	*02/01/22 01:32*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 23:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 23:44	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/03/22 23:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*02/01/22 09:06*	*02/03/22 23:44*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*02/01/22 09:06*	*02/03/22 23:44*	*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			02/03/22 19:47	1

Client Sample ID: S-5 1'

Lab Sample ID: 880-10733-10
Matrix: Solid
Date Collected: 01/28/22 11:21
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 01:53	1
Toluene	**0.00610**		0.00200		mg/Kg		01/31/22 10:05	02/01/22 01:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 01:53	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	02/01/22 01:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 01:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	02/01/22 01:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*01/31/22 10:05*	*02/01/22 01:53*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/31/22 10:05*	*02/01/22 01:53*	*1*

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-5 1'

Date Collected: 01/28/22 11:21
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-10
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00610		0.00400		mg/Kg			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 00:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 00:05	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 00:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*02/01/22 09:06*	*02/04/22 00:05*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*02/01/22 09:06*	*02/04/22 00:05*	*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			02/03/22 19:53	1

Client Sample ID: S-6 .5'

Date Collected: 01/28/22 11:25
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-11
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		01/31/22 10:05	02/01/22 03:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 03:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 03:42	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	02/01/22 03:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 03:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	02/01/22 03:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*01/31/22 10:05*	*02/01/22 03:42*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*01/31/22 10:05*	*02/01/22 03:42*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 00:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 00:47	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-6 .5'
Lab Sample ID: 880-10733-11
Date Collected: 01/28/22 11:25 **Matrix: Solid**
Date Received: 01/31/22 09:18

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*02/01/22 09:06*	*02/04/22 00:47*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*02/01/22 09:06*	*02/04/22 00:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**145**		4.99		mg/Kg			02/03/22 19:59	1

Client Sample ID: S-6 1'
Lab Sample ID: 880-10733-12
Date Collected: 01/28/22 11:26 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		01/31/22 10:05	02/01/22 04:02	1
Toluene	<0.00202	U	0.00202		mg/Kg		01/31/22 10:05	02/01/22 04:02	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/31/22 10:05	02/01/22 04:02	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		01/31/22 10:05	02/01/22 04:02	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/31/22 10:05	02/01/22 04:02	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		01/31/22 10:05	02/01/22 04:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/31/22 10:05*	*02/01/22 04:02*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*01/31/22 10:05*	*02/01/22 04:02*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 01:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 01:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 01:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*02/01/22 09:06*	*02/04/22 01:06*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*02/01/22 09:06*	*02/04/22 01:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.5**		5.00		mg/Kg			02/03/22 20:05	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-7 .5'

Date Collected: 01/28/22 11:30
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-13

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		01/31/22 10:05	02/01/22 04:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 04:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 04:23	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/31/22 10:05	02/01/22 04:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 04:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/31/22 10:05	02/01/22 04:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*01/31/22 10:05*	*02/01/22 04:23*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/31/22 10:05*	*02/01/22 04:23*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 01:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 01:27	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 01:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*02/01/22 09:06*	*02/04/22 01:27*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*02/01/22 09:06*	*02/04/22 01:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.6**		4.99		mg/Kg			02/03/22 20:24	1

Client Sample ID: S-7 1'

Date Collected: 01/28/22 11:31
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-14

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		01/31/22 10:05	02/01/22 04:43	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:05	02/01/22 04:43	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:05	02/01/22 04:43	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/31/22 10:05	02/01/22 04:43	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:05	02/01/22 04:43	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/22 10:05	02/01/22 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*01/31/22 10:05*	*02/01/22 04:43*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*01/31/22 10:05*	*02/01/22 04:43*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-7 1'

Date Collected: 01/28/22 11:31
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-14
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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 01:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 01:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*02/01/22 09:06*	*02/04/22 01:46*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*02/01/22 09:06*	*02/04/22 01:46*	*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			02/03/22 20:30	1

Client Sample ID: S-8 .5'

Date Collected: 01/28/22 11:35
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-15
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		01/31/22 10:05	02/01/22 05:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	02/01/22 05:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	02/01/22 05:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/22 10:05	02/01/22 05:04	1
o-Xylene	**0.00199**		0.00199		mg/Kg		01/31/22 10:05	02/01/22 05:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/22 10:05	02/01/22 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*01/31/22 10:05*	*02/01/22 05:04*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*01/31/22 10:05*	*02/01/22 05:04*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		02/01/22 09:06	02/04/22 02:08	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/01/22 09:06	02/04/22 02:08	1

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-8 .5'
Lab Sample ID: 880-10733-15
Date Collected: 01/28/22 11:35 **Matrix: Solid**
Date Received: 01/31/22 09:18

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/01/22 09:06	02/04/22 02:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*02/01/22 09:06*	*02/04/22 02:08*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*02/01/22 09:06*	*02/04/22 02:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			02/03/22 20:49	1

Client Sample ID: S-8 1'
Lab Sample ID: 880-10733-16
Date Collected: 01/28/22 11:36 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 05:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 05:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 05:24	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	02/01/22 05:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 05:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	02/01/22 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*01/31/22 10:05*	*02/01/22 05:24*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/31/22 10:05*	*02/01/22 05:24*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 02:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 02:28	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 02:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*02/01/22 09:06*	*02/04/22 02:28*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*02/01/22 09:06*	*02/04/22 02:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<4.98	U	4.98		mg/Kg			02/03/22 20:55	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-9 .5'

Lab Sample ID: 880-10733-17
Matrix: Solid
Date Collected: 01/28/22 11:40
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 05:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 05:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 05:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/31/22 10:05	02/01/22 05:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	02/01/22 05:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/22 10:05	02/01/22 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*01/31/22 10:05*	*02/01/22 05:45*	*1*
1,4-Difluorobenzene (Surr)	*72*		*70 - 130*	*01/31/22 10:05*	*02/01/22 05:45*	*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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 02:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 02:48	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*02/01/22 09:06*	*02/04/22 02:48*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*02/01/22 09:06*	*02/04/22 02:48*	*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			02/03/22 21:01	1

Client Sample ID: S-9 1'

Lab Sample ID: 880-10733-18
Matrix: Solid
Date Collected: 01/28/22 11:41
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:05	02/01/22 06:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:05	02/01/22 06:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:05	02/01/22 06:05	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		01/31/22 10:05	02/01/22 06:05	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:05	02/01/22 06:05	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		01/31/22 10:05	02/01/22 06:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*01/31/22 10:05*	*02/01/22 06:05*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/31/22 10:05*	*02/01/22 06:05*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-9 1'
Lab Sample ID: 880-10733-18
Date Collected: 01/28/22 11:41 **Matrix: Solid**
Date Received: 01/31/22 09:18

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			02/01/22 12:17	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 03:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 03:08	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*02/01/22 09:06*	*02/04/22 03:08*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*02/01/22 09:06*	*02/04/22 03:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.35**		5.04		mg/Kg			02/03/22 21:07	1

Client Sample ID: S-10 .5'
Lab Sample ID: 880-10733-19
Date Collected: 01/28/22 11:45 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	02/01/22 06:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	02/01/22 06:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	02/01/22 06:25	1
m,p-Xylenes	**0.00874**		0.00398		mg/Kg		01/31/22 10:05	02/01/22 06:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:05	02/01/22 06:25	1
Xylenes, Total	**0.00874**		0.00398		mg/Kg		01/31/22 10:05	02/01/22 06:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*01/31/22 10:05*	*02/01/22 06:25*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*01/31/22 10:05*	*02/01/22 06:25*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00874**		0.00398		mg/Kg			02/01/22 12:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**117**		50.0		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 03:29	1
Diesel Range Organics (Over C10-C28)	**117**		50.0		mg/Kg		02/01/22 09:06	02/04/22 03:29	1

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-10 .5'
Lab Sample ID: 880-10733-19
Date Collected: 01/28/22 11:45 **Matrix: Solid**
Date Received: 01/31/22 09:18

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/04/22 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*02/01/22 09:06*	*02/04/22 03:29*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*02/01/22 09:06*	*02/04/22 03:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.2**		4.97		mg/Kg			02/03/22 21:13	1

Client Sample ID: S-10 1'
Lab Sample ID: 880-10733-20
Date Collected: 01/28/22 11:46 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:05	02/01/22 06:46	1
Toluene	**0.00787**		0.00198		mg/Kg		01/31/22 10:05	02/01/22 06:46	1
Ethylbenzene	**0.0145**		0.00198		mg/Kg		01/31/22 10:05	02/01/22 06:46	1
m,p-Xylenes	**0.0441**		0.00396		mg/Kg		01/31/22 10:05	02/01/22 06:46	1
o-Xylene	**0.0183**		0.00198		mg/Kg		01/31/22 10:05	02/01/22 06:46	1
Xylenes, Total	**0.0624**		0.00396		mg/Kg		01/31/22 10:05	02/01/22 06:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*01/31/22 10:05*	*02/01/22 06:46*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/31/22 10:05*	*02/01/22 06:46*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0848**		0.00396		mg/Kg			02/01/22 12:17	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**384**		49.9		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 03:48	1
Diesel Range Organics (Over C10-C28)	**384**		49.9		mg/Kg		02/01/22 09:06	02/04/22 03:48	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 09:06	02/04/22 03:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*02/01/22 09:06*	*02/04/22 03:48*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*02/01/22 09:06*	*02/04/22 03:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**93.6**		4.98		mg/Kg			02/03/22 21:20	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-11 .5'

Date Collected: 01/28/22 11:50
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-21

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00295**		0.00199		mg/Kg		01/31/22 10:12	02/01/22 12:02	1
Toluene	**0.00301**		0.00199		mg/Kg		01/31/22 10:12	02/01/22 12:02	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 12:02	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/22 10:12	02/01/22 12:02	1
o-Xylene	**0.00271**		0.00199		mg/Kg		01/31/22 10:12	02/01/22 12:02	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/22 10:12	02/01/22 12:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*01/31/22 10:12*	*02/01/22 12:02*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/31/22 10:12*	*02/01/22 12:02*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00867**		0.00398		mg/Kg			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/01/22 11:49	02/03/22 19:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/03/22 19:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/03/22 19:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*02/01/22 11:49*	*02/03/22 19:52*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*02/01/22 11:49*	*02/03/22 19:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**198**		4.99		mg/Kg			02/03/22 21:26	1

Client Sample ID: S-11 1'

Date Collected: 01/28/22 11:51
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-22

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		01/31/22 10:12	02/01/22 12:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 12:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 12:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/22 10:12	02/01/22 12:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 12:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 10:12	02/01/22 12:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*01/31/22 10:12*	*02/01/22 12:22*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*01/31/22 10:12*	*02/01/22 12:22*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-11 1'
Lab Sample ID: 880-10733-22
Date Collected: 01/28/22 11:51 **Matrix: Solid**
Date Received: 01/31/22 09:18

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			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/01/22 11:49	02/03/22 20:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/03/22 20:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/03/22 20:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*02/01/22 11:49*	*02/03/22 20:53*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*02/01/22 11:49*	*02/03/22 20:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**361**	**F1**	4.96		mg/Kg			02/03/22 22:15	1

Client Sample ID: S-1 2.5'
Lab Sample ID: 880-10733-23
Date Collected: 01/28/22 11:55 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 12:43	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 12:43	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 12:43	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/22 10:12	02/01/22 12:43	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 12:43	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/22 10:12	02/01/22 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*01/31/22 10:12*	*02/01/22 12:43*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*01/31/22 10:12*	*02/01/22 12:43*	*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			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/01/22 11:49	02/03/22 21:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/03/22 21:14	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-1 2.5'

Date Collected: 01/28/22 11:55
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-23
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/03/22 21:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*02/01/22 11:49*	*02/03/22 21:14*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*02/01/22 11:49*	*02/03/22 21:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		5.03		mg/Kg			02/03/22 22:34	1

Client Sample ID: S-12 1'

Date Collected: 01/28/22 11:56
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-24
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		01/31/22 10:12	02/01/22 13:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:12	02/01/22 13:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:12	02/01/22 13:03	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/31/22 10:12	02/01/22 13:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:12	02/01/22 13:03	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/31/22 10:12	02/01/22 13:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*01/31/22 10:12*	*02/01/22 13:03*	*1*
1,4-Difluorobenzene (Surr)	*125*		*70 - 130*	*01/31/22 10:12*	*02/01/22 13:03*	*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			02/04/22 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**96.9**		50.0		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/01/22 11:49	02/03/22 21:36	1
Diesel Range Organics (Over C10-C28)	**96.9**		50.0		mg/Kg		02/01/22 11:49	02/03/22 21:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/03/22 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*02/01/22 11:49*	*02/03/22 21:36*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*02/01/22 11:49*	*02/03/22 21:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		4.99		mg/Kg			02/03/22 22:40	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-13 .5'

Date Collected: 01/28/22 12:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-25

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00330**		0.00202		mg/Kg		01/31/22 10:12	02/01/22 13:24	1
Toluene	**0.00258**		0.00202		mg/Kg		01/31/22 10:12	02/01/22 13:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		01/31/22 10:12	02/01/22 13:24	1
m,p-Xylenes	**0.0164**		0.00403		mg/Kg		01/31/22 10:12	02/01/22 13:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		01/31/22 10:12	02/01/22 13:24	1
Xylenes, Total	**0.0164**		0.00403		mg/Kg		01/31/22 10:12	02/01/22 13:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*01/31/22 10:12*	*02/01/22 13:24*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*01/31/22 10:12*	*02/01/22 13:24*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0223**		0.00403		mg/Kg			02/04/22 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**372**		50.0		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/01/22 11:49	02/03/22 21:57	1
Diesel Range Organics (Over C10-C28)	**372**		50.0		mg/Kg		02/01/22 11:49	02/03/22 21:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/03/22 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*02/01/22 11:49*	*02/03/22 21:57*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*02/01/22 11:49*	*02/03/22 21:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		5.01		mg/Kg			02/03/22 22:46	1

Client Sample ID: S-13.1'

Date Collected: 01/28/22 12:01
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-26

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		01/31/22 10:12	02/01/22 13:44	1
Toluene	**0.0290**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 13:44	1
Ethylbenzene	**0.0328**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 13:44	1
m,p-Xylenes	**0.0736**		0.00401		mg/Kg		01/31/22 10:12	02/01/22 13:44	1
o-Xylene	**0.0342**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 13:44	1
Xylenes, Total	**0.108**		0.00401		mg/Kg		01/31/22 10:12	02/01/22 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*01/31/22 10:12*	*02/01/22 13:44*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/31/22 10:12*	*02/01/22 13:44*	*1*

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-13.1' Lab Sample ID: 880-10733-26

Date Collected: 01/28/22 12:01 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.170**		0.00401		mg/Kg			02/04/22 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**641**		49.9		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/01/22 11:49	02/03/22 22:18	1
Diesel Range Organics (Over C10-C28)	**641**		49.9		mg/Kg		02/01/22 11:49	02/03/22 22:18	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/03/22 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*02/01/22 11:49*	*02/03/22 22:18*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*02/01/22 11:49*	*02/03/22 22:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.3**		4.98		mg/Kg			02/03/22 22:52	1

Client Sample ID: S-14 .5' Lab Sample ID: 880-10733-27

Date Collected: 01/28/22 12:05 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:12	02/01/22 14:04	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:12	02/01/22 14:04	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:12	02/01/22 14:04	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/31/22 10:12	02/01/22 14:04	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:12	02/01/22 14:04	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/22 10:12	02/01/22 14:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*01/31/22 10:12*	*02/01/22 14:04*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*01/31/22 10:12*	*02/01/22 14:04*	*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			02/04/22 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**72.9**		50.0		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/01/22 11:49	02/03/22 22:39	1
Diesel Range Organics (Over C10-C28)	**72.9**		50.0		mg/Kg		02/01/22 11:49	02/03/22 22:39	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-14 .5'
Lab Sample ID: 880-10733-27
Date Collected: 01/28/22 12:05 **Matrix: Solid**
Date Received: 01/31/22 09:18

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/03/22 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*02/01/22 11:49*	*02/03/22 22:39*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*02/01/22 11:49*	*02/03/22 22:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.0**		4.97		mg/Kg			02/03/22 23:10	1

Client Sample ID: S-14 1'
Lab Sample ID: 880-10733-28
Date Collected: 01/28/22 12:06 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 14:25	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 14:25	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 14:25	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/22 10:12	02/01/22 14:25	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 14:25	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/22 10:12	02/01/22 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*01/31/22 10:12*	*02/01/22 14:25*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*01/31/22 10:12*	*02/01/22 14:25*	*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			02/04/22 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**89.4**		49.9		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/01/22 11:49	02/03/22 23:00	1
Diesel Range Organics (Over C10-C28)	**89.4**		49.9		mg/Kg		02/01/22 11:49	02/03/22 23:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/03/22 23:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*02/01/22 11:49*	*02/03/22 23:00*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*02/01/22 11:49*	*02/03/22 23:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.0**		5.04		mg/Kg			02/03/22 23:17	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-15 .5'

Date Collected: 01/28/22 12:10
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-29

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		01/31/22 10:12	02/01/22 14:45	1
Toluene	**0.0580**		0.00201		mg/Kg		01/31/22 10:12	02/01/22 14:45	1
Ethylbenzene	**0.0527**		0.00201		mg/Kg		01/31/22 10:12	02/01/22 14:45	1
m,p-Xylenes	**0.113**		0.00402		mg/Kg		01/31/22 10:12	02/01/22 14:45	1
o-Xylene	**0.0535**		0.00201		mg/Kg		01/31/22 10:12	02/01/22 14:45	1
Xylenes, Total	**0.167**		0.00402		mg/Kg		01/31/22 10:12	02/01/22 14:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*01/31/22 10:12*	*02/01/22 14:45*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/31/22 10:12*	*02/01/22 14:45*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.277**		0.00402		mg/Kg			02/04/22 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1000**		49.9		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/01/22 11:49	02/03/22 23:21	1
Diesel Range Organics (Over C10-C28)	**1000**		49.9		mg/Kg		02/01/22 11:49	02/03/22 23:21	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/03/22 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*02/01/22 11:49*	*02/03/22 23:21*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*02/01/22 11:49*	*02/03/22 23:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**266**		5.04		mg/Kg			02/03/22 23:23	1

Client Sample ID: S-15 1'

Date Collected: 01/28/22 12:11
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-30

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		01/31/22 10:12	02/01/22 15:06	1
Toluene	**0.0751**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 15:06	1
Ethylbenzene	**0.0602**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 15:06	1
m,p-Xylenes	**0.133**		0.00401		mg/Kg		01/31/22 10:12	02/01/22 15:06	1
o-Xylene	**0.0528**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 15:06	1
Xylenes, Total	**0.186**		0.00401		mg/Kg		01/31/22 10:12	02/01/22 15:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/31/22 10:12*	*02/01/22 15:06*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/31/22 10:12*	*02/01/22 15:06*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-15 1'

Date Collected: 01/28/22 12:11
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-30
Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.321**		0.00401		mg/Kg			02/04/22 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**598**		50.0		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/01/22 11:49	02/03/22 23:41	1
Diesel Range Organics (Over C10-C28)	**598**		50.0		mg/Kg		02/01/22 11:49	02/03/22 23:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/03/22 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*02/01/22 11:49*	*02/03/22 23:41*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*02/01/22 11:49*	*02/03/22 23:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**640**		4.99		mg/Kg			02/03/22 23:29	1

Client Sample ID: S-16 .5'

Date Collected: 01/28/22 12:15
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-31
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		01/31/22 10:12	02/01/22 16:56	1
Toluene	**0.0117**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 16:56	1
Ethylbenzene	**0.00598**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 16:56	1
m,p-Xylenes	**0.0160**		0.00400		mg/Kg		01/31/22 10:12	02/01/22 16:56	1
o-Xylene	**0.0146**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 16:56	1
Xylenes, Total	**0.0306**		0.00400		mg/Kg		01/31/22 10:12	02/01/22 16:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*01/31/22 10:12*	*02/01/22 16:56*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*01/31/22 10:12*	*02/01/22 16:56*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0483**		0.00400		mg/Kg			02/04/22 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**365**		50.0		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/01/22 11:49	02/04/22 00:23	1
Diesel Range Organics (Over C10-C28)	**365**		50.0		mg/Kg		02/01/22 11:49	02/04/22 00:23	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-16 .5'

Date Collected: 01/28/22 12:15
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-31
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/04/22 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*02/01/22 11:49*	*02/04/22 00:23*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*02/01/22 11:49*	*02/04/22 00:23*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1500**		5.03		mg/Kg			02/03/22 23:35	1

Client Sample ID: S-16 1'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-32
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.0101**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 17:16	1
Toluene	**0.198**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 17:16	1
Ethylbenzene	**0.103**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 17:16	1
m,p-Xylenes	**0.152**		0.00399		mg/Kg		01/31/22 10:12	02/01/22 17:16	1
o-Xylene	**0.0893**		0.00200		mg/Kg		01/31/22 10:12	02/01/22 17:16	1
Xylenes, Total	**0.241**		0.00399		mg/Kg		01/31/22 10:12	02/01/22 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*01/31/22 10:12*	*02/01/22 17:16*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*01/31/22 10:12*	*02/01/22 17:16*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.552**		0.00399		mg/Kg			02/04/22 14:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1410**		49.9		mg/Kg			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/01/22 11:49	02/04/22 00:43	1
Diesel Range Organics (Over C10-C28)	**1410**		49.9		mg/Kg		02/01/22 11:49	02/04/22 00:43	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/04/22 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*02/01/22 11:49*	*02/04/22 00:43*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*02/01/22 11:49*	*02/04/22 00:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1110**		5.03		mg/Kg			02/03/22 23:41	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-17 .5'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-33
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		01/31/22 10:12	02/01/22 17:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:12	02/01/22 17:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:12	02/01/22 17:37	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/31/22 10:12	02/01/22 17:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:12	02/01/22 17:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/22 10:12	02/01/22 17:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*01/31/22 10:12*	*02/01/22 17:37*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*01/31/22 10:12*	*02/01/22 17:37*	*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			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/01/22 11:49	02/04/22 01:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/04/22 01:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/04/22 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*02/01/22 11:49*	*02/04/22 01:04*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*02/01/22 11:49*	*02/04/22 01:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.4**		4.97		mg/Kg			02/04/22 00:00	1

Client Sample ID: S-17 1'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-34
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		01/31/22 10:12	02/01/22 17:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 17:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 17:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		01/31/22 10:12	02/01/22 17:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		01/31/22 10:12	02/01/22 17:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		01/31/22 10:12	02/01/22 17:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*01/31/22 10:12*	*02/01/22 17:57*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*01/31/22 10:12*	*02/01/22 17:57*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-17 1'
Lab Sample ID: 880-10733-34
Date Collected: 01/28/22 00:00 **Matrix: Solid**
Date Received: 01/31/22 09:18

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			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/01/22 11:49	02/04/22 01:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/04/22 01:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/04/22 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*02/01/22 11:49*	*02/04/22 01:25*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*02/01/22 11:49*	*02/04/22 01:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.9**		4.96		mg/Kg			02/04/22 00:06	1

Client Sample ID: S-18 .5'
Lab Sample ID: 880-10733-35
Date Collected: 01/28/22 00:00 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 18:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 18:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 18:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/22 10:12	02/01/22 18:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 18:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 10:12	02/01/22 18:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*01/31/22 10:12*	*02/01/22 18:18*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*01/31/22 10:12*	*02/01/22 18:18*	*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			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U *1	49.8		mg/Kg		02/01/22 11:49	02/04/22 01:45	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		02/01/22 11:49	02/04/22 01:45	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-18 .5'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-35

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		02/01/22 11:49	02/04/22 01:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*02/01/22 11:49*	*02/04/22 01:45*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*02/01/22 11:49*	*02/04/22 01:45*	*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			02/04/22 00:24	1

Client Sample ID: S-18 1'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-36

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		01/31/22 10:12	02/01/22 18:38	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:12	02/01/22 18:38	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:12	02/01/22 18:38	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/31/22 10:12	02/01/22 18:38	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:12	02/01/22 18:38	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/31/22 10:12	02/01/22 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*01/31/22 10:12*	*02/01/22 18:38*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/31/22 10:12*	*02/01/22 18:38*	*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			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/01/22 11:49	02/04/22 02:06	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/04/22 02:06	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/04/22 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*02/01/22 11:49*	*02/04/22 02:06*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*02/01/22 11:49*	*02/04/22 02:06*	*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			02/04/22 00:31	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-19 .5'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-37
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		01/31/22 10:12	02/01/22 18:58	1
Toluene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:12	02/01/22 18:58	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:12	02/01/22 18:58	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		01/31/22 10:12	02/01/22 18:58	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		01/31/22 10:12	02/01/22 18:58	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		01/31/22 10:12	02/01/22 18:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*01/31/22 10:12*	*02/01/22 18:58*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*01/31/22 10:12*	*02/01/22 18:58*	*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			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/01/22 11:49	02/04/22 02:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/04/22 02:27	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/04/22 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*02/01/22 11:49*	*02/04/22 02:27*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*02/01/22 11:49*	*02/04/22 02:27*	*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			02/04/22 00:37	1

Client Sample ID: S-19 1'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-38
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		01/31/22 10:12	02/01/22 19:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:12	02/01/22 19:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:12	02/01/22 19:19	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		01/31/22 10:12	02/01/22 19:19	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		01/31/22 10:12	02/01/22 19:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		01/31/22 10:12	02/01/22 19:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*01/31/22 10:12*	*02/01/22 19:19*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*01/31/22 10:12*	*02/01/22 19:19*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-19 1'
Lab Sample ID: 880-10733-38
Date Collected: 01/28/22 00:00 **Matrix: Solid**
Date Received: 01/31/22 09:18

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			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/01/22 11:49	02/04/22 02:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/04/22 02:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/04/22 02:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*63*	*S1-*	*70 - 130*	*02/01/22 11:49*	*02/04/22 02:47*	*1*
o-Terphenyl (Surr)	*63*	*S1-*	*70 - 130*	*02/01/22 11:49*	*02/04/22 02:47*	*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			02/04/22 00:43	1

Client Sample ID: S-20 .5'
Lab Sample ID: 880-10733-39
Date Collected: 01/28/22 00:00 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 19:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 19:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 19:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		01/31/22 10:12	02/01/22 19:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 19:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		01/31/22 10:12	02/01/22 19:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*01/31/22 10:12*	*02/01/22 19:39*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*01/31/22 10:12*	*02/01/22 19:39*	*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			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		02/01/22 11:49	02/04/22 03:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/04/22 03:08	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: S-20 .5'
Lab Sample ID: 880-10733-39
Date Collected: 01/28/22 00:00 **Matrix: Solid**
Date Received: 01/31/22 09:18

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/04/22 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*02/01/22 11:49*	*02/04/22 03:08*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*02/01/22 11:49*	*02/04/22 03:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**761**		5.01		mg/Kg			02/04/22 00:49	1

Client Sample ID: S-20 1'
Lab Sample ID: 880-10733-40
Date Collected: 01/28/22 00:00 **Matrix: Solid**
Date Received: 01/31/22 09:18

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 20:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 20:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 20:00	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		01/31/22 10:12	02/01/22 20:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 20:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		01/31/22 10:12	02/01/22 20:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*01/31/22 10:12*	*02/01/22 20:00*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/31/22 10:12*	*02/01/22 20:00*	*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			02/04/22 14:16	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			02/03/22 11:16	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		02/01/22 11:49	02/04/22 03:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/04/22 03:29	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		02/01/22 11:49	02/04/22 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*02/01/22 11:49*	*02/04/22 03:29*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*02/01/22 11:49*	*02/04/22 03:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1180**		4.98		mg/Kg			02/04/22 00:55	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

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)										
880-10733-1	S-1 .5'	129	106										
880-10733-1 MS	S-1 .5'	131 S1+	107										
880-10733-1 MSD	S-1 .5'	122	100										
880-10733-2	S-1 1'	127	95										
880-10733-3	S-2 .5'	128	96										
880-10733-4	S-2 1'	71	112										
880-10733-5	S-3 .5'	119	93										
880-10733-6	S-3 1'	125	101										
880-10733-7	S-4 .5'	131 S1+	104										
880-10733-8	S-4 1'	140 S1+	115										
880-10733-9	S-5 .5'	115	91										
880-10733-10	S-5 1'	130	98										
880-10733-11	S-6 .5'	130	103										
880-10733-12	S-6 1'	102	87										
880-10733-13	S-7 .5'	131 S1+	104										
880-10733-14	S-7 1'	121	109										
880-10733-15	S-8 .5'	134 S1+	114										
880-10733-16	S-8 1'	124	94										
880-10733-17	S-9 .5'	108	72										
880-10733-18	S-9 1'	130	101										
880-10733-19	S-10 .5'	124	99										
880-10733-20	S-10 1'	116	89										
880-10733-21	S-11 .5'	125	92										
880-10733-21 MS	S-11 .5'	131 S1+	108										
880-10733-21 MSD	S-11 .5'	125	105										
880-10733-22	S-11 1'	132 S1+	107										
880-10733-23	S-1 2.5'	98	85										
880-10733-24	S-12 1'	145 S1+	125										
880-10733-25	S-13 .5'	107	89										
880-10733-26	S-13.1'	129	100										
880-10733-27	S-14 .5'	132 S1+	104										
880-10733-28	S-14 1'	137 S1+	105										
880-10733-29	S-15 .5'	109	95										
880-10733-30	S-15 1'	111	94										
880-10733-31	S-16 .5'	132 S1+	94										
880-10733-32	S-16 1'	104	96										
880-10733-33	S-17 .5'	130	95										
880-10733-34	S-17 1'	142 S1+	101										
880-10733-35	S-18 .5'	127	88										
880-10733-36	S-18 1'	130	106										
880-10733-37	S-19 .5'	122	109										
880-10733-38	S-19 1'	102	92										
880-10733-39	S-20 .5'	124	100										
880-10733-40	S-20 1'	136 S1+	98										
LCS 880-18132/1-A	Lab Control Sample	120	104										
LCS 880-18134/1-A	Lab Control Sample	129	114										
LCSD 880-18132/2-A	Lab Control Sample Dup	116	94										
LCSD 880-18134/2-A	Lab Control Sample Dup	112	95										
MB 880-18099/5-A	Method Blank	128	106										

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

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 880-18132/5-A	Method Blank	120	98
MB 880-18134/5-A	Method Blank	111	93

Surrogate Legend

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

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
880-10733-1	S-1 .5'	80	90
880-10733-1 MS	S-1 .5'	78	78
880-10733-1 MSD	S-1 .5'	71	72
880-10733-2	S-1 1'	77	85
880-10733-3	S-2 .5'	75	84
880-10733-4	S-2 1'	78	89
880-10733-5	S-3 .5'	86	99
880-10733-6	S-3 1'	83	94
880-10733-7	S-4 .5'	87	100
880-10733-8	S-4 1'	86	99
880-10733-9	S-5 .5'	81	91
880-10733-10	S-5 1'	81	92
880-10733-11	S-6 .5'	82	93
880-10733-12	S-6 1'	80	90
880-10733-13	S-7 .5'	86	95
880-10733-14	S-7 1'	89	95
880-10733-15	S-8 .5'	86	96
880-10733-16	S-8 1'	88	99
880-10733-17	S-9 .5'	91	100
880-10733-18	S-9 1'	77	84
880-10733-19	S-10 .5'	86	94
880-10733-20	S-10 1'	87	96
880-10733-21	S-11 .5'	78	80
880-10733-21 MS	S-11 .5'	73	77
880-10733-21 MSD	S-11 .5'	77	68 S1-
880-10733-22	S-11 1'	81	80
880-10733-23	S-1 2.5'	80	79
880-10733-24	S-12 1'	85	84
880-10733-25	S-13 .5'	78	77
880-10733-26	S-13.1'	82	89
880-10733-27	S-14 .5'	82	80
880-10733-28	S-14 1'	78	77
880-10733-29	S-15 .5'	77	89
880-10733-30	S-15 1'	78	84
880-10733-31	S-16 .5'	80	80
880-10733-32	S-16 1'	79	77
880-10733-33	S-17 .5'	81	82
880-10733-34	S-17 1'	77	76

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
880-10733-35	S-18 .5'	79	78										
880-10733-36	S-18 1'	79	77										
880-10733-37	S-19 .5'	77	77										
880-10733-38	S-19 1'	63 S1-	63 S1-										
880-10733-39	S-20 .5'	76	75										
880-10733-40	S-20 1'	76	75										
LCS 880-18235/2-A	Lab Control Sample	100	106										
LCSD 880-18235/3-A	Lab Control Sample Dup	104	104										
MB 880-18235/1-A	Method Blank	77	93										

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)											
		1CO2	OTPH2										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
LCS 880-18264/2-A	Lab Control Sample	82	87										
LCSD 880-18264/3-A	Lab Control Sample Dup	91	95										
MB 880-18264/1-A	Method Blank	84	91										

Surrogate Legend

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

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-18099/5-A
Matrix: Solid
Analysis Batch: 18101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18099

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:27	01/31/22 10:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:27	01/31/22 10:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:27	01/31/22 10:45	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/22 07:27	01/31/22 10:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 07:27	01/31/22 10:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 07:27	01/31/22 10:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*01/31/22 07:27*	*01/31/22 10:45*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*01/31/22 07:27*	*01/31/22 10:45*	*1*

Lab Sample ID: MB 880-18132/5-A
Matrix: Solid
Analysis Batch: 18101

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18132

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	01/31/22 22:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	01/31/22 22:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	01/31/22 22:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	01/31/22 22:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:05	01/31/22 22:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 10:05	01/31/22 22:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*01/31/22 10:05*	*01/31/22 22:20*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*01/31/22 10:05*	*01/31/22 22:20*	*1*

Lab Sample ID: LCS 880-18132/1-A
Matrix: Solid
Analysis Batch: 18101

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18132

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.08630		mg/Kg		86	70 - 130		
Toluene			0.100	0.09375		mg/Kg		94	70 - 130		
Ethylbenzene			0.100	0.1014		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.1917		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.09268		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-18132/2-A
Matrix: Solid
Analysis Batch: 18101

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18132

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.08377		mg/Kg		84	70 - 130	3	35

QC Sample Results

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

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

Lab Sample ID: LCSD 880-18132/2-A **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 18101 **Prep Batch: 18132**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Toluene			0.100	0.08774		mg/Kg		88	70 - 130	7	35
Ethylbenzene			0.100	0.08663		mg/Kg		87	70 - 130	16	35
m,p-Xylenes			0.200	0.1746		mg/Kg		87	70 - 130	9	35
o-Xylene			0.100	0.08415		mg/Kg		84	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-10733-1 MS **Client Sample ID: S-1 .5'**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 18101 **Prep Batch: 18132**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	<0.00200	U F1 F2	0.0998	0.01296	F1	mg/Kg		12	70 - 130
Toluene	<0.00200	U F1 F2	0.0998	0.01286	F1	mg/Kg		13	70 - 130
Ethylbenzene	<0.00200	U F1 F2	0.0998	0.01563	F1	mg/Kg		15	70 - 130
m,p-Xylenes	<0.00399	U F1 F2	0.200	0.02060	F1	mg/Kg		10	70 - 130
o-Xylene	<0.00200	U F1 F2	0.0998	0.01171	F1	mg/Kg		12	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: 880-10733-1 MSD **Client Sample ID: S-1 .5'**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 18101 **Prep Batch: 18132**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0992	0.07268	F2	mg/Kg		73	70 - 130	139	35
Toluene	<0.00200	U F1 F2	0.0992	0.08023	F2	mg/Kg		81	70 - 130	145	35
Ethylbenzene	<0.00200	U F1 F2	0.0992	0.07825	F2	mg/Kg		78	70 - 130	133	35
m,p-Xylenes	<0.00399	U F1 F2	0.198	0.1518	F2	mg/Kg		77	70 - 130	152	35
o-Xylene	<0.00200	U F1 F2	0.0992	0.07353	F2	mg/Kg		74	70 - 130	145	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-18134/5-A **Client Sample ID: Method Blank**
Matrix: Solid **Prep Type: Total/NA**
Analysis Batch: 18230 **Prep Batch: 18134**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 11:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 11:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 11:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		01/31/22 10:12	02/01/22 11:33	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

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

Lab Sample ID: MB 880-18134/5-A
Matrix: Solid
Analysis Batch: 18230

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18134

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		01/31/22 10:12	02/01/22 11:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		01/31/22 10:12	02/01/22 11:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*01/31/22 10:12*	*02/01/22 11:33*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*01/31/22 10:12*	*02/01/22 11:33*	*1*

Lab Sample ID: LCS 880-18134/1-A
Matrix: Solid
Analysis Batch: 18230

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18134

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene			0.100	0.09314		mg/Kg		93	70 - 130		
Toluene			0.100	0.09568		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.1020		mg/Kg		102	70 - 130		
m,p-Xylenes			0.200	0.1930		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.09376		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: LCSD 880-18134/2-A
Matrix: Solid
Analysis Batch: 18230

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18134

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene			0.100	0.07663		mg/Kg		77	70 - 130	19	35
Toluene			0.100	0.08306		mg/Kg		83	70 - 130	14	35
Ethylbenzene			0.100	0.08848		mg/Kg		88	70 - 130	14	35
m,p-Xylenes			0.200	0.1756		mg/Kg		88	70 - 130	9	35
o-Xylene			0.100	0.08745		mg/Kg		87	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-10733-21 MS
Matrix: Solid
Analysis Batch: 18230

Client Sample ID: S-11 .5'
Prep Type: Total/NA
Prep Batch: 18134

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Benzene	0.00295		0.101	0.09059		mg/Kg		87	70 - 130		
Toluene	0.00301		0.101	0.08887		mg/Kg		85	70 - 130		
Ethylbenzene	<0.00199	U	0.101	0.08042		mg/Kg		80	70 - 130		
m,p-Xylenes	<0.00398	U	0.202	0.1550		mg/Kg		76	70 - 130		
o-Xylene	0.00271		0.101	0.07806		mg/Kg		75	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

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

Lab Sample ID: 880-10733-21 MS
Matrix: Solid
Analysis Batch: 18230

Client Sample ID: S-11 .5'
Prep Type: Total/NA
Prep Batch: 18134

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	131	S1+	70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Lab Sample ID: 880-10733-21 MSD
Matrix: Solid
Analysis Batch: 18230

Client Sample ID: S-11 .5'
Prep Type: Total/NA
Prep Batch: 18134

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Benzene	0.00295		0.0992	0.07923		mg/Kg		77	70 - 130	13	35
Toluene	0.00301		0.0992	0.08357		mg/Kg		81	70 - 130	6	35
Ethylbenzene	<0.00199	U	0.0992	0.07280		mg/Kg		73	70 - 130	10	35
m,p-Xylenes	<0.00398	U	0.198	0.1459		mg/Kg		72	70 - 130	6	35
o-Xylene	0.00271		0.0992	0.07403		mg/Kg		72	70 - 130	5	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	125		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

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

Lab Sample ID: MB 880-18235/1-A
Matrix: Solid
Analysis Batch: 18455

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18235

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 19:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 19:17	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 09:06	02/03/22 19:17	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	77		70 - 130	02/01/22 09:06	02/03/22 19:17	1
o-Terphenyl (Surr)	93		70 - 130	02/01/22 09:06	02/03/22 19:17	1

Lab Sample ID: LCS 880-18235/2-A
Matrix: Solid
Analysis Batch: 18455

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18235

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	823.7		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1139		mg/Kg		114	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	106		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

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

Lab Sample ID: LCSD 880-18235/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18455 — **Prep Batch: 18235**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	859.9		mg/Kg		86	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1155		mg/Kg		116	70 - 130	1	20

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

Lab Sample ID: 880-10733-1 MS — **Client Sample ID: S-1 .5'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18455 — **Prep Batch: 18235**

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	999.1		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1237		mg/Kg		122	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*78*		*70 - 130*
o-Terphenyl (Surr)	*78*		*70 - 130*

Lab Sample ID: 880-10733-1 MSD — **Client Sample ID: S-1 .5'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18455 — **Prep Batch: 18235**

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	920.2		mg/Kg		92	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1145		mg/Kg		113	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*71*		*70 - 130*
o-Terphenyl (Surr)	*72*		*70 - 130*

Lab Sample ID: MB 880-18264/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 18454 — **Prep Batch: 18264**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/03/22 18:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/03/22 18:50	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		02/01/22 11:49	02/03/22 18:50	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

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

Lab Sample ID: MB 880-18264/1-A
Matrix: Solid
Analysis Batch: 18454

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 18264

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	84		70 - 130	02/01/22 11:49	02/03/22 18:50	1
o-Terphenyl (Surr)	91		70 - 130	02/01/22 11:49	02/03/22 18:50	1

Lab Sample ID: LCS 880-18264/2-A
Matrix: Solid
Analysis Batch: 18454

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 18264

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	842.4		mg/Kg		84	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1124		mg/Kg		112	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	82		70 - 130
o-Terphenyl (Surr)	87		70 - 130

Lab Sample ID: LCSD 880-18264/3-A
Matrix: Solid
Analysis Batch: 18454

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 18264

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1076	*1	mg/Kg		108	70 - 130	24	20
Diesel Range Organics (Over C10-C28)			1000	1130		mg/Kg		113	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	95		70 - 130

Lab Sample ID: 880-10733-21 MS
Matrix: Solid
Analysis Batch: 18454

Client Sample ID: S-11 .5'
Prep Type: Total/NA
Prep Batch: 18264

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 *1	999	764.8		mg/Kg		77	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	999	959.3		mg/Kg		96	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	73		70 - 130
o-Terphenyl (Surr)	77		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

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

Lab Sample ID: 880-10733-21 MSD
Matrix: Solid
Analysis Batch: 18454

Client Sample ID: S-11 .5'
Prep Type: Total/NA
Prep Batch: 18264

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 *1	999	763.0		mg/Kg		76	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	945.1		mg/Kg		95	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*77*		*70 - 130*
o-Terphenyl (Surr)	*68*	*S1-*	*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-18212/1-A
Matrix: Solid
Analysis Batch: 18519

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			02/03/22 11:07	1

Lab Sample ID: LCS 880-18212/2-A
Matrix: Solid
Analysis Batch: 18519

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	256.0		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-18212/3-A
Matrix: Solid
Analysis Batch: 18519

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	257.2		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-10694-A-39-D MS
Matrix: Solid
Analysis Batch: 18519

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	244	F1	250	531.5	F1	mg/Kg		115	90 - 110		

Lab Sample ID: 880-10694-A-39-E MSD
Matrix: Solid
Analysis Batch: 18519

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	244	F1	250	524.6	F1	mg/Kg		112	90 - 110	1	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-18215/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 18523

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/03/22 18:20	1

Lab Sample ID: LCS 880-18215/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 18523

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	245.4		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-18215/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 18523

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride			250	230.8		mg/Kg		92	90 - 110	6	20

Lab Sample ID: 880-10733-2 MS — **Client Sample ID: S-1 1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 18523

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	88.2	F1	250	302.5	F1	mg/Kg		86	90 - 110		

Lab Sample ID: 880-10733-2 MSD — **Client Sample ID: S-1 1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 18523

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	88.2	F1	250	292.8	F1	mg/Kg		82	90 - 110	3	20

Lab Sample ID: 880-10733-12 MS — **Client Sample ID: S-6 1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 18523

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	98.5		250	332.9		mg/Kg		94	90 - 110		

Lab Sample ID: 880-10733-12 MSD — **Client Sample ID: S-6 1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 18523

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	98.5		250	364.6		mg/Kg		106	90 - 110	9	20

Lab Sample ID: MB 880-18216/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 18524

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			02/03/22 21:57	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-18216/2-A
Matrix: Solid
Analysis Batch: 18524

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride			250	252.1		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-18216/3-A
Matrix: Solid
Analysis Batch: 18524

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	258.9		mg/Kg		104	90 - 110	3	20

Lab Sample ID: 880-10733-22 MS
Matrix: Solid
Analysis Batch: 18524

Client Sample ID: S-11 1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits		
Chloride	361	F1	248	594.1		mg/Kg		94	90 - 110		

Lab Sample ID: 880-10733-22 MSD
Matrix: Solid
Analysis Batch: 18524

Client Sample ID: S-11 1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chloride	361	F1	248	554.8	F1	mg/Kg		78	90 - 110	7	20

Lab Sample ID: 880-10733-32 MS
Matrix: Solid
Analysis Batch: 18524

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	1110		252	1253	4	mg/Kg		55	90 - 110		

Lab Sample ID: 880-10733-32 MSD
Matrix: Solid
Analysis Batch: 18524

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	1110		252	1325	4	mg/Kg		84	90 - 110	6	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

GC VOA

Prep Batch: 18099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-18099/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 18101

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-1	S-1 .5'	Total/NA	Solid	8021B	18132
880-10733-2	S-1 1'	Total/NA	Solid	8021B	18132
880-10733-3	S-2 .5'	Total/NA	Solid	8021B	18132
880-10733-4	S-2 1'	Total/NA	Solid	8021B	18132
880-10733-5	S-3 .5'	Total/NA	Solid	8021B	18132
880-10733-6	S-3 1'	Total/NA	Solid	8021B	18132
880-10733-7	S-4 .5'	Total/NA	Solid	8021B	18132
880-10733-8	S-4 1'	Total/NA	Solid	8021B	18132
880-10733-9	S-5 .5'	Total/NA	Solid	8021B	18132
880-10733-10	S-5 1'	Total/NA	Solid	8021B	18132
880-10733-11	S-6 .5'	Total/NA	Solid	8021B	18132
880-10733-12	S-6 1'	Total/NA	Solid	8021B	18132
880-10733-13	S-7 .5'	Total/NA	Solid	8021B	18132
880-10733-14	S-7 1'	Total/NA	Solid	8021B	18132
880-10733-15	S-8 .5'	Total/NA	Solid	8021B	18132
880-10733-16	S-8 1'	Total/NA	Solid	8021B	18132
880-10733-17	S-9 .5'	Total/NA	Solid	8021B	18132
880-10733-18	S-9 1'	Total/NA	Solid	8021B	18132
880-10733-19	S-10 .5'	Total/NA	Solid	8021B	18132
880-10733-20	S-10 1'	Total/NA	Solid	8021B	18132
MB 880-18099/5-A	Method Blank	Total/NA	Solid	8021B	18099
MB 880-18132/5-A	Method Blank	Total/NA	Solid	8021B	18132
LCS 880-18132/1-A	Lab Control Sample	Total/NA	Solid	8021B	18132
LCSD 880-18132/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18132
880-10733-1 MS	S-1 .5'	Total/NA	Solid	8021B	18132
880-10733-1 MSD	S-1 .5'	Total/NA	Solid	8021B	18132

Prep Batch: 18132

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-1	S-1 .5'	Total/NA	Solid	5035	
880-10733-2	S-1 1'	Total/NA	Solid	5035	
880-10733-3	S-2 .5'	Total/NA	Solid	5035	
880-10733-4	S-2 1'	Total/NA	Solid	5035	
880-10733-5	S-3 .5'	Total/NA	Solid	5035	
880-10733-6	S-3 1'	Total/NA	Solid	5035	
880-10733-7	S-4 .5'	Total/NA	Solid	5035	
880-10733-8	S-4 1'	Total/NA	Solid	5035	
880-10733-9	S-5 .5'	Total/NA	Solid	5035	
880-10733-10	S-5 1'	Total/NA	Solid	5035	
880-10733-11	S-6 .5'	Total/NA	Solid	5035	
880-10733-12	S-6 1'	Total/NA	Solid	5035	
880-10733-13	S-7 .5'	Total/NA	Solid	5035	
880-10733-14	S-7 1'	Total/NA	Solid	5035	
880-10733-15	S-8 .5'	Total/NA	Solid	5035	
880-10733-16	S-8 1'	Total/NA	Solid	5035	
880-10733-17	S-9 .5'	Total/NA	Solid	5035	
880-10733-18	S-9 1'	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

GC VOA (Continued)

Prep Batch: 18132 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-19	S-10 .5'	Total/NA	Solid	5035	
880-10733-20	S-10 1'	Total/NA	Solid	5035	
MB 880-18132/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18132/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18132/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10733-1 MS	S-1 .5'	Total/NA	Solid	5035	
880-10733-1 MSD	S-1 .5'	Total/NA	Solid	5035	

Prep Batch: 18134

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-21	S-11 .5'	Total/NA	Solid	5035	
880-10733-22	S-11 1'	Total/NA	Solid	5035	
880-10733-23	S-1 2.5'	Total/NA	Solid	5035	
880-10733-24	S-12 1'	Total/NA	Solid	5035	
880-10733-25	S-13 .5'	Total/NA	Solid	5035	
880-10733-26	S-13.1'	Total/NA	Solid	5035	
880-10733-27	S-14 .5'	Total/NA	Solid	5035	
880-10733-28	S-14 1'	Total/NA	Solid	5035	
880-10733-29	S-15 .5'	Total/NA	Solid	5035	
880-10733-30	S-15 1'	Total/NA	Solid	5035	
880-10733-31	S-16 .5'	Total/NA	Solid	5035	
880-10733-32	S-16 1'	Total/NA	Solid	5035	
880-10733-33	S-17 .5'	Total/NA	Solid	5035	
880-10733-34	S-17 1'	Total/NA	Solid	5035	
880-10733-35	S-18 .5'	Total/NA	Solid	5035	
880-10733-36	S-18 1'	Total/NA	Solid	5035	
880-10733-37	S-19 .5'	Total/NA	Solid	5035	
880-10733-38	S-19 1'	Total/NA	Solid	5035	
880-10733-39	S-20 .5'	Total/NA	Solid	5035	
880-10733-40	S-20 1'	Total/NA	Solid	5035	
MB 880-18134/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-18134/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-18134/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-10733-21 MS	S-11 .5'	Total/NA	Solid	5035	
880-10733-21 MSD	S-11 .5'	Total/NA	Solid	5035	

Analysis Batch: 18230

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-21	S-11 .5'	Total/NA	Solid	8021B	18134
880-10733-22	S-11 1'	Total/NA	Solid	8021B	18134
880-10733-23	S-1 2.5'	Total/NA	Solid	8021B	18134
880-10733-24	S-12 1'	Total/NA	Solid	8021B	18134
880-10733-25	S-13 .5'	Total/NA	Solid	8021B	18134
880-10733-26	S-13.1'	Total/NA	Solid	8021B	18134
880-10733-27	S-14 .5'	Total/NA	Solid	8021B	18134
880-10733-28	S-14 1'	Total/NA	Solid	8021B	18134
880-10733-29	S-15 .5'	Total/NA	Solid	8021B	18134
880-10733-30	S-15 1'	Total/NA	Solid	8021B	18134
880-10733-31	S-16 .5'	Total/NA	Solid	8021B	18134
880-10733-32	S-16 1'	Total/NA	Solid	8021B	18134
880-10733-33	S-17 .5'	Total/NA	Solid	8021B	18134

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

GC VOA (Continued)

Analysis Batch: 18230 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-34	S-17 1'	Total/NA	Solid	8021B	18134
880-10733-35	S-18 .5'	Total/NA	Solid	8021B	18134
880-10733-36	S-18 1'	Total/NA	Solid	8021B	18134
880-10733-37	S-19 .5'	Total/NA	Solid	8021B	18134
880-10733-38	S-19 1'	Total/NA	Solid	8021B	18134
880-10733-39	S-20 .5'	Total/NA	Solid	8021B	18134
880-10733-40	S-20 1'	Total/NA	Solid	8021B	18134
MB 880-18134/5-A	Method Blank	Total/NA	Solid	8021B	18134
LCS 880-18134/1-A	Lab Control Sample	Total/NA	Solid	8021B	18134
LCSD 880-18134/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	18134
880-10733-21 MS	S-11 .5'	Total/NA	Solid	8021B	18134
880-10733-21 MSD	S-11 .5'	Total/NA	Solid	8021B	18134

Analysis Batch: 18283

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-1	S-1 .5'	Total/NA	Solid	Total BTEX	
880-10733-2	S-1 1'	Total/NA	Solid	Total BTEX	
880-10733-3	S-2 .5'	Total/NA	Solid	Total BTEX	
880-10733-4	S-2 1'	Total/NA	Solid	Total BTEX	
880-10733-5	S-3 .5'	Total/NA	Solid	Total BTEX	
880-10733-6	S-3 1'	Total/NA	Solid	Total BTEX	
880-10733-7	S-4 .5'	Total/NA	Solid	Total BTEX	
880-10733-8	S-4 1'	Total/NA	Solid	Total BTEX	
880-10733-9	S-5 .5'	Total/NA	Solid	Total BTEX	
880-10733-10	S-5 1'	Total/NA	Solid	Total BTEX	
880-10733-11	S-6 .5'	Total/NA	Solid	Total BTEX	
880-10733-12	S-6 1'	Total/NA	Solid	Total BTEX	
880-10733-13	S-7 .5'	Total/NA	Solid	Total BTEX	
880-10733-14	S-7 1'	Total/NA	Solid	Total BTEX	
880-10733-15	S-8 .5'	Total/NA	Solid	Total BTEX	
880-10733-16	S-8 1'	Total/NA	Solid	Total BTEX	
880-10733-17	S-9 .5'	Total/NA	Solid	Total BTEX	
880-10733-18	S-9 1'	Total/NA	Solid	Total BTEX	
880-10733-19	S-10 .5'	Total/NA	Solid	Total BTEX	
880-10733-20	S-10 1'	Total/NA	Solid	Total BTEX	

Analysis Batch: 18599

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-21	S-11 .5'	Total/NA	Solid	Total BTEX	
880-10733-22	S-11 1'	Total/NA	Solid	Total BTEX	
880-10733-23	S-1 2.5'	Total/NA	Solid	Total BTEX	
880-10733-24	S-12 1'	Total/NA	Solid	Total BTEX	
880-10733-25	S-13 .5'	Total/NA	Solid	Total BTEX	
880-10733-26	S-13.1'	Total/NA	Solid	Total BTEX	
880-10733-27	S-14 .5'	Total/NA	Solid	Total BTEX	
880-10733-28	S-14 1'	Total/NA	Solid	Total BTEX	
880-10733-29	S-15 .5'	Total/NA	Solid	Total BTEX	
880-10733-30	S-15 1'	Total/NA	Solid	Total BTEX	
880-10733-31	S-16 .5'	Total/NA	Solid	Total BTEX	
880-10733-32	S-16 1'	Total/NA	Solid	Total BTEX	
880-10733-33	S-17 .5'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

GC VOA (Continued)

Analysis Batch: 18599 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-34	S-17 1'	Total/NA	Solid	Total BTEX	
880-10733-35	S-18 .5'	Total/NA	Solid	Total BTEX	
880-10733-36	S-18 1'	Total/NA	Solid	Total BTEX	
880-10733-37	S-19 .5'	Total/NA	Solid	Total BTEX	
880-10733-38	S-19 1'	Total/NA	Solid	Total BTEX	
880-10733-39	S-20 .5'	Total/NA	Solid	Total BTEX	
880-10733-40	S-20 1'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 18235

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-1	S-1 .5'	Total/NA	Solid	8015NM Prep	
880-10733-2	S-1 1'	Total/NA	Solid	8015NM Prep	
880-10733-3	S-2 .5'	Total/NA	Solid	8015NM Prep	
880-10733-4	S-2 1'	Total/NA	Solid	8015NM Prep	
880-10733-5	S-3 .5'	Total/NA	Solid	8015NM Prep	
880-10733-6	S-3 1'	Total/NA	Solid	8015NM Prep	
880-10733-7	S-4 .5'	Total/NA	Solid	8015NM Prep	
880-10733-8	S-4 1'	Total/NA	Solid	8015NM Prep	
880-10733-9	S-5 .5'	Total/NA	Solid	8015NM Prep	
880-10733-10	S-5 1'	Total/NA	Solid	8015NM Prep	
880-10733-11	S-6 .5'	Total/NA	Solid	8015NM Prep	
880-10733-12	S-6 1'	Total/NA	Solid	8015NM Prep	
880-10733-13	S-7 .5'	Total/NA	Solid	8015NM Prep	
880-10733-14	S-7 1'	Total/NA	Solid	8015NM Prep	
880-10733-15	S-8 .5'	Total/NA	Solid	8015NM Prep	
880-10733-16	S-8 1'	Total/NA	Solid	8015NM Prep	
880-10733-17	S-9 .5'	Total/NA	Solid	8015NM Prep	
880-10733-18	S-9 1'	Total/NA	Solid	8015NM Prep	
880-10733-19	S-10 .5'	Total/NA	Solid	8015NM Prep	
880-10733-20	S-10 1'	Total/NA	Solid	8015NM Prep	
MB 880-18235/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18235/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18235/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10733-1 MS	S-1 .5'	Total/NA	Solid	8015NM Prep	
880-10733-1 MSD	S-1 .5'	Total/NA	Solid	8015NM Prep	

Prep Batch: 18264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-21	S-11 .5'	Total/NA	Solid	8015NM Prep	
880-10733-22	S-11 1'	Total/NA	Solid	8015NM Prep	
880-10733-23	S-1 2.5'	Total/NA	Solid	8015NM Prep	
880-10733-24	S-12 1'	Total/NA	Solid	8015NM Prep	
880-10733-25	S-13 .5'	Total/NA	Solid	8015NM Prep	
880-10733-26	S-13.1'	Total/NA	Solid	8015NM Prep	
880-10733-27	S-14 .5'	Total/NA	Solid	8015NM Prep	
880-10733-28	S-14 1'	Total/NA	Solid	8015NM Prep	
880-10733-29	S-15 .5'	Total/NA	Solid	8015NM Prep	
880-10733-30	S-15 1'	Total/NA	Solid	8015NM Prep	
880-10733-31	S-16 .5'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Prep Batch: 18264 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-32	S-16 1'	Total/NA	Solid	8015NM Prep	
880-10733-33	S-17 .5'	Total/NA	Solid	8015NM Prep	
880-10733-34	S-17 1'	Total/NA	Solid	8015NM Prep	
880-10733-35	S-18 .5'	Total/NA	Solid	8015NM Prep	
880-10733-36	S-18 1'	Total/NA	Solid	8015NM Prep	
880-10733-37	S-19 .5'	Total/NA	Solid	8015NM Prep	
880-10733-38	S-19 1'	Total/NA	Solid	8015NM Prep	
880-10733-39	S-20 .5'	Total/NA	Solid	8015NM Prep	
880-10733-40	S-20 1'	Total/NA	Solid	8015NM Prep	
MB 880-18264/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-18264/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-18264/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-10733-21 MS	S-11 .5'	Total/NA	Solid	8015NM Prep	
880-10733-21 MSD	S-11 .5'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 18454

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-21	S-11 .5'	Total/NA	Solid	8015B NM	18264
880-10733-22	S-11 1'	Total/NA	Solid	8015B NM	18264
880-10733-23	S-1 2.5'	Total/NA	Solid	8015B NM	18264
880-10733-24	S-12 1'	Total/NA	Solid	8015B NM	18264
880-10733-25	S-13 .5'	Total/NA	Solid	8015B NM	18264
880-10733-26	S-13.1'	Total/NA	Solid	8015B NM	18264
880-10733-27	S-14 .5'	Total/NA	Solid	8015B NM	18264
880-10733-28	S-14 1'	Total/NA	Solid	8015B NM	18264
880-10733-29	S-15 .5'	Total/NA	Solid	8015B NM	18264
880-10733-30	S-15 1'	Total/NA	Solid	8015B NM	18264
880-10733-31	S-16 .5'	Total/NA	Solid	8015B NM	18264
880-10733-32	S-16 1'	Total/NA	Solid	8015B NM	18264
880-10733-33	S-17 .5'	Total/NA	Solid	8015B NM	18264
880-10733-34	S-17 1'	Total/NA	Solid	8015B NM	18264
880-10733-35	S-18 .5'	Total/NA	Solid	8015B NM	18264
880-10733-36	S-18 1'	Total/NA	Solid	8015B NM	18264
880-10733-37	S-19 .5'	Total/NA	Solid	8015B NM	18264
880-10733-38	S-19 1'	Total/NA	Solid	8015B NM	18264
880-10733-39	S-20 .5'	Total/NA	Solid	8015B NM	18264
880-10733-40	S-20 1'	Total/NA	Solid	8015B NM	18264
MB 880-18264/1-A	Method Blank	Total/NA	Solid	8015B NM	18264
LCS 880-18264/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18264
LCSD 880-18264/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18264
880-10733-21 MS	S-11 .5'	Total/NA	Solid	8015B NM	18264
880-10733-21 MSD	S-11 .5'	Total/NA	Solid	8015B NM	18264

Analysis Batch: 18455

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-1	S-1 .5'	Total/NA	Solid	8015B NM	18235
880-10733-2	S-1 1'	Total/NA	Solid	8015B NM	18235
880-10733-3	S-2 .5'	Total/NA	Solid	8015B NM	18235
880-10733-4	S-2 1'	Total/NA	Solid	8015B NM	18235
880-10733-5	S-3 .5'	Total/NA	Solid	8015B NM	18235
880-10733-6	S-3 1'	Total/NA	Solid	8015B NM	18235

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 18455 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-7	S-4 .5'	Total/NA	Solid	8015B NM	18235
880-10733-8	S-4 1'	Total/NA	Solid	8015B NM	18235
880-10733-9	S-5 .5'	Total/NA	Solid	8015B NM	18235
880-10733-10	S-5 1'	Total/NA	Solid	8015B NM	18235
880-10733-11	S-6 .5'	Total/NA	Solid	8015B NM	18235
880-10733-12	S-6 1'	Total/NA	Solid	8015B NM	18235
880-10733-13	S-7 .5'	Total/NA	Solid	8015B NM	18235
880-10733-14	S-7 1'	Total/NA	Solid	8015B NM	18235
880-10733-15	S-8 .5'	Total/NA	Solid	8015B NM	18235
880-10733-16	S-8 1'	Total/NA	Solid	8015B NM	18235
880-10733-17	S-9 .5'	Total/NA	Solid	8015B NM	18235
880-10733-18	S-9 1'	Total/NA	Solid	8015B NM	18235
880-10733-19	S-10 .5'	Total/NA	Solid	8015B NM	18235
880-10733-20	S-10 1'	Total/NA	Solid	8015B NM	18235
MB 880-18235/1-A	Method Blank	Total/NA	Solid	8015B NM	18235
LCS 880-18235/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	18235
LCSD 880-18235/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	18235
880-10733-1 MS	S-1 .5'	Total/NA	Solid	8015B NM	18235
880-10733-1 MSD	S-1 .5'	Total/NA	Solid	8015B NM	18235

Analysis Batch: 18476

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-1	S-1 .5'	Total/NA	Solid	8015 NM	
880-10733-2	S-1 1'	Total/NA	Solid	8015 NM	
880-10733-3	S-2 .5'	Total/NA	Solid	8015 NM	
880-10733-4	S-2 1'	Total/NA	Solid	8015 NM	
880-10733-5	S-3 .5'	Total/NA	Solid	8015 NM	
880-10733-6	S-3 1'	Total/NA	Solid	8015 NM	
880-10733-7	S-4 .5'	Total/NA	Solid	8015 NM	
880-10733-8	S-4 1'	Total/NA	Solid	8015 NM	
880-10733-9	S-5 .5'	Total/NA	Solid	8015 NM	
880-10733-10	S-5 1'	Total/NA	Solid	8015 NM	
880-10733-11	S-6 .5'	Total/NA	Solid	8015 NM	
880-10733-12	S-6 1'	Total/NA	Solid	8015 NM	
880-10733-13	S-7 .5'	Total/NA	Solid	8015 NM	
880-10733-14	S-7 1'	Total/NA	Solid	8015 NM	
880-10733-15	S-8 .5'	Total/NA	Solid	8015 NM	
880-10733-16	S-8 1'	Total/NA	Solid	8015 NM	
880-10733-17	S-9 .5'	Total/NA	Solid	8015 NM	
880-10733-18	S-9 1'	Total/NA	Solid	8015 NM	
880-10733-19	S-10 .5'	Total/NA	Solid	8015 NM	
880-10733-20	S-10 1'	Total/NA	Solid	8015 NM	
880-10733-21	S-11 .5'	Total/NA	Solid	8015 NM	
880-10733-22	S-11 1'	Total/NA	Solid	8015 NM	
880-10733-23	S-1 2.5'	Total/NA	Solid	8015 NM	
880-10733-24	S-12 1'	Total/NA	Solid	8015 NM	
880-10733-25	S-13 .5'	Total/NA	Solid	8015 NM	
880-10733-26	S-13.1'	Total/NA	Solid	8015 NM	
880-10733-27	S-14 .5'	Total/NA	Solid	8015 NM	
880-10733-28	S-14 1'	Total/NA	Solid	8015 NM	
880-10733-29	S-15 .5'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 18476 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-30	S-15 1'	Total/NA	Solid	8015 NM	
880-10733-31	S-16 .5'	Total/NA	Solid	8015 NM	
880-10733-32	S-16 1'	Total/NA	Solid	8015 NM	
880-10733-33	S-17 .5'	Total/NA	Solid	8015 NM	
880-10733-34	S-17 1'	Total/NA	Solid	8015 NM	
880-10733-35	S-18 .5'	Total/NA	Solid	8015 NM	
880-10733-36	S-18 1'	Total/NA	Solid	8015 NM	
880-10733-37	S-19 .5'	Total/NA	Solid	8015 NM	
880-10733-38	S-19 1'	Total/NA	Solid	8015 NM	
880-10733-39	S-20 .5'	Total/NA	Solid	8015 NM	
880-10733-40	S-20 1'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 18212

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-1	S-1 .5'	Soluble	Solid	DI Leach	
MB 880-18212/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18212/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18212/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10694-A-39-D MS	Matrix Spike	Soluble	Solid	DI Leach	
880-10694-A-39-E MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 18215

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-2	S-1 1'	Soluble	Solid	DI Leach	
880-10733-3	S-2 .5'	Soluble	Solid	DI Leach	
880-10733-4	S-2 1'	Soluble	Solid	DI Leach	
880-10733-5	S-3 .5'	Soluble	Solid	DI Leach	
880-10733-6	S-3 1'	Soluble	Solid	DI Leach	
880-10733-7	S-4 .5'	Soluble	Solid	DI Leach	
880-10733-8	S-4 1'	Soluble	Solid	DI Leach	
880-10733-9	S-5 .5'	Soluble	Solid	DI Leach	
880-10733-10	S-5 1'	Soluble	Solid	DI Leach	
880-10733-11	S-6 .5'	Soluble	Solid	DI Leach	
880-10733-12	S-6 1'	Soluble	Solid	DI Leach	
880-10733-13	S-7 .5'	Soluble	Solid	DI Leach	
880-10733-14	S-7 1'	Soluble	Solid	DI Leach	
880-10733-15	S-8 .5'	Soluble	Solid	DI Leach	
880-10733-16	S-8 1'	Soluble	Solid	DI Leach	
880-10733-17	S-9 .5'	Soluble	Solid	DI Leach	
880-10733-18	S-9 1'	Soluble	Solid	DI Leach	
880-10733-19	S-10 .5'	Soluble	Solid	DI Leach	
880-10733-20	S-10 1'	Soluble	Solid	DI Leach	
880-10733-21	S-11 .5'	Soluble	Solid	DI Leach	
MB 880-18215/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18215/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18215/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10733-2 MS	S-1 1'	Soluble	Solid	DI Leach	
880-10733-2 MSD	S-1 1'	Soluble	Solid	DI Leach	
880-10733-12 MS	S-6 1'	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 18215 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-12 MSD	S-6 1'	Soluble	Solid	DI Leach	

Leach Batch: 18216

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-22	S-11 1'	Soluble	Solid	DI Leach	
880-10733-23	S-1 2.5'	Soluble	Solid	DI Leach	
880-10733-24	S-12 1'	Soluble	Solid	DI Leach	
880-10733-25	S-13 .5'	Soluble	Solid	DI Leach	
880-10733-26	S-13.1'	Soluble	Solid	DI Leach	
880-10733-27	S-14 .5'	Soluble	Solid	DI Leach	
880-10733-28	S-14 1'	Soluble	Solid	DI Leach	
880-10733-29	S-15 .5'	Soluble	Solid	DI Leach	
880-10733-30	S-15 1'	Soluble	Solid	DI Leach	
880-10733-31	S-16 .5'	Soluble	Solid	DI Leach	
880-10733-32	S-16 1'	Soluble	Solid	DI Leach	
880-10733-33	S-17 .5'	Soluble	Solid	DI Leach	
880-10733-34	S-17 1'	Soluble	Solid	DI Leach	
880-10733-35	S-18 .5'	Soluble	Solid	DI Leach	
880-10733-36	S-18 1'	Soluble	Solid	DI Leach	
880-10733-37	S-19 .5'	Soluble	Solid	DI Leach	
880-10733-38	S-19 1'	Soluble	Solid	DI Leach	
880-10733-39	S-20 .5'	Soluble	Solid	DI Leach	
880-10733-40	S-20 1'	Soluble	Solid	DI Leach	
MB 880-18216/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-18216/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-18216/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-10733-22 MS	S-11 1'	Soluble	Solid	DI Leach	
880-10733-22 MSD	S-11 1'	Soluble	Solid	DI Leach	
880-10733-32 MS	S-16 1'	Soluble	Solid	DI Leach	
880-10733-32 MSD	S-16 1'	Soluble	Solid	DI Leach	

Analysis Batch: 18519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-1	S-1 .5'	Soluble	Solid	300.0	18212
MB 880-18212/1-A	Method Blank	Soluble	Solid	300.0	18212
LCS 880-18212/2-A	Lab Control Sample	Soluble	Solid	300.0	18212
LCSD 880-18212/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18212
880-10694-A-39-D MS	Matrix Spike	Soluble	Solid	300.0	18212
880-10694-A-39-E MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	18212

Analysis Batch: 18523

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-2	S-1 1'	Soluble	Solid	300.0	18215
880-10733-3	S-2 .5'	Soluble	Solid	300.0	18215
880-10733-4	S-2 1'	Soluble	Solid	300.0	18215
880-10733-5	S-3 .5'	Soluble	Solid	300.0	18215
880-10733-6	S-3 1'	Soluble	Solid	300.0	18215
880-10733-7	S-4 .5'	Soluble	Solid	300.0	18215
880-10733-8	S-4 1'	Soluble	Solid	300.0	18215
880-10733-9	S-5 .5'	Soluble	Solid	300.0	18215
880-10733-10	S-5 1'	Soluble	Solid	300.0	18215

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

HPLC/IC (Continued)

Analysis Batch: 18523 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-11	S-6 .5'	Soluble	Solid	300.0	18215
880-10733-12	S-6 1'	Soluble	Solid	300.0	18215
880-10733-13	S-7 .5'	Soluble	Solid	300.0	18215
880-10733-14	S-7 1'	Soluble	Solid	300.0	18215
880-10733-15	S-8 .5'	Soluble	Solid	300.0	18215
880-10733-16	S-8 1'	Soluble	Solid	300.0	18215
880-10733-17	S-9 .5'	Soluble	Solid	300.0	18215
880-10733-18	S-9 1'	Soluble	Solid	300.0	18215
880-10733-19	S-10 .5'	Soluble	Solid	300.0	18215
880-10733-20	S-10 1'	Soluble	Solid	300.0	18215
880-10733-21	S-11 .5'	Soluble	Solid	300.0	18215
MB 880-18215/1-A	Method Blank	Soluble	Solid	300.0	18215
LCS 880-18215/2-A	Lab Control Sample	Soluble	Solid	300.0	18215
LCSD 880-18215/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18215
880-10733-2 MS	S-1 1'	Soluble	Solid	300.0	18215
880-10733-2 MSD	S-1 1'	Soluble	Solid	300.0	18215
880-10733-12 MS	S-6 1'	Soluble	Solid	300.0	18215
880-10733-12 MSD	S-6 1'	Soluble	Solid	300.0	18215

Analysis Batch: 18524

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-10733-22	S-11 1'	Soluble	Solid	300.0	18216
880-10733-23	S-1 2.5'	Soluble	Solid	300.0	18216
880-10733-24	S-12 1'	Soluble	Solid	300.0	18216
880-10733-25	S-13 .5'	Soluble	Solid	300.0	18216
880-10733-26	S-13.1'	Soluble	Solid	300.0	18216
880-10733-27	S-14 .5'	Soluble	Solid	300.0	18216
880-10733-28	S-14 1'	Soluble	Solid	300.0	18216
880-10733-29	S-15 .5'	Soluble	Solid	300.0	18216
880-10733-30	S-15 1'	Soluble	Solid	300.0	18216
880-10733-31	S-16 .5'	Soluble	Solid	300.0	18216
880-10733-32	S-16 1'	Soluble	Solid	300.0	18216
880-10733-33	S-17 .5'	Soluble	Solid	300.0	18216
880-10733-34	S-17 1'	Soluble	Solid	300.0	18216
880-10733-35	S-18 .5'	Soluble	Solid	300.0	18216
880-10733-36	S-18 1'	Soluble	Solid	300.0	18216
880-10733-37	S-19 .5'	Soluble	Solid	300.0	18216
880-10733-38	S-19 1'	Soluble	Solid	300.0	18216
880-10733-39	S-20 .5'	Soluble	Solid	300.0	18216
880-10733-40	S-20 1'	Soluble	Solid	300.0	18216
MB 880-18216/1-A	Method Blank	Soluble	Solid	300.0	18216
LCS 880-18216/2-A	Lab Control Sample	Soluble	Solid	300.0	18216
LCSD 880-18216/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	18216
880-10733-22 MS	S-11 1'	Soluble	Solid	300.0	18216
880-10733-22 MSD	S-11 1'	Soluble	Solid	300.0	18216
880-10733-32 MS	S-16 1'	Soluble	Solid	300.0	18216
880-10733-32 MSD	S-16 1'	Soluble	Solid	300.0	18216

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-1 .5'

Date Collected: 01/28/22 11:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-1
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	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	01/31/22 22:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/03/22 20:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18212	01/31/22 18:46	SC	XEN MID
Soluble	Analysis	300.0		1			18519	02/03/22 14:55	CH	XEN MID

Client Sample ID: S-1 1'

Date Collected: 01/28/22 11:01
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-2
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			4.96 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	01/31/22 23:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/03/22 21:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 18:39	CH	XEN MID

Client Sample ID: S-2 .5'

Date Collected: 01/28/22 11:05
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	01/31/22 23:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/03/22 21:40	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 18:58	CH	XEN MID

Client Sample ID: S-2 1'

Date Collected: 01/28/22 11:06
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	01/31/22 23:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-2 1'

Lab Sample ID: 880-10733-4
Matrix: Solid
Date Collected: 01/28/22 11:06
Date Received: 01/31/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/03/22 22:01	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 19:04	CH	XEN MID

Client Sample ID: S-3 .5'

Lab Sample ID: 880-10733-5
Matrix: Solid
Date Collected: 01/28/22 11:10
Date Received: 01/31/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 00:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/03/22 22:22	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 19:10	CH	XEN MID

Client Sample ID: S-3 1'

Lab Sample ID: 880-10733-6
Matrix: Solid
Date Collected: 01/28/22 11:11
Date Received: 01/31/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 00:31	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/03/22 22:43	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 19:16	CH	XEN MID

Client Sample ID: S-4 .5'

Lab Sample ID: 880-10733-7
Matrix: Solid
Date Collected: 01/28/22 11:15
Date Received: 01/31/22 09:18

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 00:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/03/22 23:04	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-4 .5'

Date Collected: 01/28/22 11:15
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-7
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			4.98 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 19:35	CH	XEN MID

Client Sample ID: S-4 1'

Date Collected: 01/28/22 11:06
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 01:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/03/22 23:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 19:41	CH	XEN MID

Client Sample ID: S-5 .5'

Date Collected: 01/28/22 11:20
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 01:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/03/22 23:44	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 19:47	CH	XEN MID

Client Sample ID: S-5 1'

Date Collected: 01/28/22 11:21
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 01:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 00:05	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 19:53	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-6 .5'

Date Collected: 01/28/22 11:25
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-11

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			5.00 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 03:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 00:47	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 19:59	CH	XEN MID

Client Sample ID: S-6 1'

Date Collected: 01/28/22 11:26
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-12

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			4.95 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 04:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 01:06	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 20:05	CH	XEN MID

Client Sample ID: S-7 .5'

Date Collected: 01/28/22 11:30
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-13

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			4.99 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 04:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 01:27	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 20:24	CH	XEN MID

Client Sample ID: S-7 1'

Date Collected: 01/28/22 11:31
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-14

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	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 04:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-7 1'

Date Collected: 01/28/22 11:31
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-14
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			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 01:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 20:30	CH	XEN MID

Client Sample ID: S-8 .5'

Date Collected: 01/28/22 11:35
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-15
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			5.02 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 05:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 02:08	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 20:49	CH	XEN MID

Client Sample ID: S-8 1'

Date Collected: 01/28/22 11:36
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-16
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			5.00 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 05:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 02:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 20:55	CH	XEN MID

Client Sample ID: S-9 .5'

Date Collected: 01/28/22 11:40
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-17
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			5.01 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 05:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 02:48	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-9 .5'

Date Collected: 01/28/22 11:40
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-17
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			5.05 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 21:01	CH	XEN MID

Client Sample ID: S-9 1'

Date Collected: 01/28/22 11:41
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-18
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			5.04 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 06:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 03:08	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 21:07	CH	XEN MID

Client Sample ID: S-10 .5'

Date Collected: 01/28/22 11:45
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-19
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			5.02 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 06:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 03:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 21:13	CH	XEN MID

Client Sample ID: S-10 1'

Date Collected: 01/28/22 11:46
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-20
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			5.05 g	5 mL	18132	01/31/22 10:05	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18101	02/01/22 06:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18283	02/01/22 12:17	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18235	02/01/22 09:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18455	02/04/22 03:48	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 21:20	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-11 .5'

Date Collected: 01/28/22 11:50
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-21
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			5.02 g	5 mL	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 12:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 19:52	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18215	01/31/22 18:52	SC	XEN MID
Soluble	Analysis	300.0		1			18523	02/03/22 21:26	CH	XEN MID

Client Sample ID: S-11 1'

Date Collected: 01/28/22 11:51
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-22
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			5.00 g	5 mL	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 12:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 20:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 22:15	CH	XEN MID

Client Sample ID: S-1 2.5'

Date Collected: 01/28/22 11:55
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-23
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			5.03 g	5 mL	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 12:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 21:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 22:34	CH	XEN MID

Client Sample ID: S-12 1'

Date Collected: 01/28/22 11:56
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-24
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			5.05 g	5 mL	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 13:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-12 1'

Date Collected: 01/28/22 11:56
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-24
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			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 21:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 22:40	CH	XEN MID

Client Sample ID: S-13 .5'

Date Collected: 01/28/22 12:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-25
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			4.96 g	5 mL	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 13:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 21:57	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 22:46	CH	XEN MID

Client Sample ID: S-13.1'

Date Collected: 01/28/22 12:01
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-26
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			4.99 g	5 mL	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 13:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 22:18	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 22:52	CH	XEN MID

Client Sample ID: S-14 .5'

Date Collected: 01/28/22 12:05
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-27
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			4.98 g	5 mL	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 14:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 22:39	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-14 .5'

Date Collected: 01/28/22 12:05
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-27

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			5.03 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 23:10	CH	XEN MID

Client Sample ID: S-14 1'

Date Collected: 01/28/22 12:06
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-28

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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 14:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 23:00	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 23:17	CH	XEN MID

Client Sample ID: S-15 .5'

Date Collected: 01/28/22 12:10
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-29

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			4.97 g	5 mL	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 14:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 23:21	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 23:23	CH	XEN MID

Client Sample ID: S-15 1'

Date Collected: 01/28/22 12:11
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-30

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			4.99 g	5 mL	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 15:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/03/22 23:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 23:29	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-16 .5'

Date Collected: 01/28/22 12:15
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-31

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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 16:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/04/22 00:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 23:35	CH	XEN MID

Client Sample ID: S-16 1'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-32

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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 17:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/04/22 00:43	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/03/22 23:41	CH	XEN MID

Client Sample ID: S-17 .5'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-33

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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 17:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/04/22 01:04	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/04/22 00:00	CH	XEN MID

Client Sample ID: S-17 1'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-34

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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 17:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-17 1'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-34
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			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/04/22 01:25	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/04/22 00:06	CH	XEN MID

Client Sample ID: S-18 .5'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-35
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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 18:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/04/22 01:45	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/04/22 00:24	CH	XEN MID

Client Sample ID: S-18 1'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-36
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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 18:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/04/22 02:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/04/22 00:31	CH	XEN MID

Client Sample ID: S-19 .5'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-37
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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 18:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/04/22 02:27	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Client Sample ID: S-19 .5'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-37
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	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/04/22 00:37	CH	XEN MID

Client Sample ID: S-19 1'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-38
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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 19:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/04/22 02:47	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/04/22 00:43	CH	XEN MID

Client Sample ID: S-20 .5'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-39
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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 19:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/04/22 03:08	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/04/22 00:49	CH	XEN MID

Client Sample ID: S-20 1'

Date Collected: 01/28/22 00:00
Date Received: 01/31/22 09:18

Lab Sample ID: 880-10733-40
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	18134	01/31/22 10:12	KL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	18230	02/01/22 20:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			18599	02/04/22 14:16	AJ	XEN MID
Total/NA	Analysis	8015 NM		1			18476	02/03/22 11:16	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	18264	02/01/22 11:49	DM	XEN MID
Total/NA	Analysis	8015B NM		1			18454	02/04/22 03:29	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	18216	01/31/22 18:57	SC	XEN MID
Soluble	Analysis	300.0		1			18524	02/04/22 00:55	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

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. Job ID: 880-10733-1
Project/Site: Turkey Tract SDG: 22-0104-02

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: Turkey Tract

Job ID: 880-10733-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-10733-1	S-1 .5'	Solid	01/28/22 11:00	01/31/22 09:18
880-10733-2	S-1 1'	Solid	01/28/22 11:01	01/31/22 09:18
880-10733-3	S-2 .5'	Solid	01/28/22 11:05	01/31/22 09:18
880-10733-4	S-2 1'	Solid	01/28/22 11:06	01/31/22 09:18
880-10733-5	S-3 .5'	Solid	01/28/22 11:10	01/31/22 09:18
880-10733-6	S-3 1'	Solid	01/28/22 11:11	01/31/22 09:18
880-10733-7	S-4 .5'	Solid	01/28/22 11:15	01/31/22 09:18
880-10733-8	S-4 1'	Solid	01/28/22 11:06	01/31/22 09:18
880-10733-9	S-5 .5'	Solid	01/28/22 11:20	01/31/22 09:18
880-10733-10	S-5 1'	Solid	01/28/22 11:21	01/31/22 09:18
880-10733-11	S-6 .5'	Solid	01/28/22 11:25	01/31/22 09:18
880-10733-12	S-6 1'	Solid	01/28/22 11:26	01/31/22 09:18
880-10733-13	S-7 .5'	Solid	01/28/22 11:30	01/31/22 09:18
880-10733-14	S-7 1'	Solid	01/28/22 11:31	01/31/22 09:18
880-10733-15	S-8 .5'	Solid	01/28/22 11:35	01/31/22 09:18
880-10733-16	S-8 1'	Solid	01/28/22 11:36	01/31/22 09:18
880-10733-17	S-9 .5'	Solid	01/28/22 11:40	01/31/22 09:18
880-10733-18	S-9 1'	Solid	01/28/22 11:41	01/31/22 09:18
880-10733-19	S-10 .5'	Solid	01/28/22 11:45	01/31/22 09:18
880-10733-20	S-10 1'	Solid	01/28/22 11:46	01/31/22 09:18
880-10733-21	S-11 .5'	Solid	01/28/22 11:50	01/31/22 09:18
880-10733-22	S-11 1'	Solid	01/28/22 11:51	01/31/22 09:18
880-10733-23	S-1 2.5'	Solid	01/28/22 11:55	01/31/22 09:18
880-10733-24	S-12 1'	Solid	01/28/22 11:56	01/31/22 09:18
880-10733-25	S-13 .5'	Solid	01/28/22 12:00	01/31/22 09:18
880-10733-26	S-13.1'	Solid	01/28/22 12:01	01/31/22 09:18
880-10733-27	S-14 .5'	Solid	01/28/22 12:05	01/31/22 09:18
880-10733-28	S-14 1'	Solid	01/28/22 12:06	01/31/22 09:18
880-10733-29	S-15 .5'	Solid	01/28/22 12:10	01/31/22 09:18
880-10733-30	S-15 1'	Solid	01/28/22 12:11	01/31/22 09:18
880-10733-31	S-16 .5'	Solid	01/28/22 12:15	01/31/22 09:18
880-10733-32	S-16 1'	Solid	01/28/22 00:00	01/31/22 09:18
880-10733-33	S-17 .5'	Solid	01/28/22 00:00	01/31/22 09:18
880-10733-34	S-17 1'	Solid	01/28/22 00:00	01/31/22 09:18
880-10733-35	S-18 .5'	Solid	01/28/22 00:00	01/31/22 09:18
880-10733-36	S-18 1'	Solid	01/28/22 00:00	01/31/22 09:18
880-10733-37	S-19 .5'	Solid	01/28/22 00:00	01/31/22 09:18
880-10733-38	S-19 1'	Solid	01/28/22 00:00	01/31/22 09:18
880-10733-39	S-20 .5'	Solid	01/28/22 00:00	01/31/22 09:18
880-10733-40	S-20 1'	Solid	01/28/22 00:00	01/31/22 09:18

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No. 2413

CHAIN-OF-CUSTODY

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

DATE: 1-31-22 PAGE 1 OF 3

PO#: _____ LAB WORK ORDER#: 10733

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: TP + JR

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST/NM

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

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015	DIESEL - MOD 8015	OIL - MOD 8015	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDES ☐ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
S-1 .5'		1/28/22	1100	S	1				X		X	\	X	X	X														X		No TRPH Test
S-1 1'			1101																												
S-2 .5'			1105																												
S-2 1'			1106																												
S-3 .5'			1110																												
S-3 1'			1111																												
S-4 .5'			1115																												
S-4 1'			1116																												
S-5 .5'			1120																												
S-5 1'			1121																												
S-6 .5'			1125																												
S-6 1'			1126																												
S-7 .5'			1130																												
S-7 1'			1131																												
S-8 .5			1135																												
TOTAL 15																															

880-10733 Chain of Custody

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature) 1-31-22 918

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: 2.6/2.7 THERM#: IR8
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

2/4/2022

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

DATE: 1-31 2/4/2022
PO#:
PROJECT LOCATI
LAI PROJECT #:

ported to:

eport? ☒ No

NE:
State:

D.

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

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 827	80
S-8	1/28/22	1136	S	1				X		X		X	X	X					
S-9		1140																	
S-9		1141																	
S-10		1145																	
S-10		1146																	
S-11		1150																	
S-11		1151																	
S-12		1155																	
S-12		1156																	
S-13		1200																	
S-13		1201																	
S-14		1205																	
S-14		1206																	
S-15		1210																	
S-15		1211		1															

TOTAL 15

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature) 1.31.22 910

RELINQUISHED BY: (Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: Xenco

TURN AR
NORMAL ☒
1 DAY ❑
2 DAY ❑
OTHER ❑

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Received by OCD: 1/19/2023 8:31:56 AM

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No. 2415

CHAIN-OF-CUSTODY

2/4/2022

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

DATE: 1/31/22 PAGE 3 OF 3

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: _____

LAI PROJECT #: 22-0104-02 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

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	ANALYSES	FIELD NOTES
S-16 .5'		1/28/22	1215	S	1				X		X	X X X X
S-16 1'		"		"	"				"		"	"
S-17 .5'		"		"	"				"		"	"
S-17 1'		"		"	"				"		"	"
S-18 .5'		"		"	"				"		"	"
S-18 1'		"		"	"				"		"	"
S-19 .5'		"		"	"				"		"	"
S-19 1'		"		"	"				"		"	"
S-20 .5'		"		"	"				"		"	"
S-20 1'		"		"	"				"		"	"

TOTAL 10

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature) 1-31-22 9PS

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: Xenco

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

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

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Received by OCD: 1/19/2023 8:31:56 AM

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No. 2413

CHAIN-OF-CUSTODY

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

Data Reported to:

DATE: 1-31-22 PAGE 1 OF 3

PO#: LAB WORK ORDER#: 10733

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: TP + JR

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST/NM

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

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESERVED

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

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESSERVED	BTEX	TRPH	TPH 1005	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 .5'		1/28/22	1100	S	1				X		X	\	X	X	X																																No TRPH Test
S-1 1'			1101																																													
S-2 .5'			1105																																												
S-2 1'			1106																																												
S-3 .5'			1110																																											
S-3 1'			1111																																												
S-4 .5'			1115																																											
S-4 1'			1116																																												
S-5 .5'			1120																																											
S-5 1'			1121																																												
S-6 .5'			1125																																											
S-6 1'			1126																																												
S-7 .5'			1130																																											
S-7 1'			1131																																												
S-8 .5			1135																																											
TOTAL 15																																															

880-10733 Chain of Custody

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature) 1-31-22 918

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: Xenco

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

LABORATORY USE ONLY:
RECEIVING TEMP: 2.6/2.7 THERM#: IR8
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

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2/4/2022

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No. 2413

CHAIN-OF-CUSTODY

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

Data Reported to:

DATE: 1-31-22 PAGE 1 OF 3
PO#: LAB WORK ORDER#: 10733
PROJECT LOCATION OR NAME: Turkey Tract
LAI PROJECT #: 22-0104-02 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

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX 8021 ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐	TCLP - PEST ☐ HERB ☐	TCLP VOC ☐	TOTAL METALS (RCRA) ☐	Semi-VOC ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐	OTHER LIST ☐	RCI ☐ TOX ☐	TCLP ☐	TDS ☐ TSS ☐	FLASHPOINT ☐	pH ☐	% MOISTURE ☐	EXPLOSIVES ☐	CYANIDE ☐	HEXAVALENT CHROMIUM ☐	CHLORIDES ☐	PECHLORATE ☐	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
S-1 .5'		1/28/22	1100	S	1				X		X			X	X	X																										No TRPH Test
S-1 1'			1101																																						
S-2 .5'			1105																																						
S-2 1'			1106																																						
S-3 .5'			1110																																						
S-3 1'			1111																																						
S-4 .5'			1115																																						
S-4 1'			1116																																						
S-5 .5'			1120																																						
S-5 1'			1121																																						
S-6 .5'			1125																																						
S-6 1'			1126																																						
S-7 .5'			1130																																						
S-7 1'			1131																																						
S-8 .5			1135																																						

TOTAL 15

880-10733 Chain of Custody

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
		1-31-22
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
		910
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: Xenco

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

LABORATORY USE ONLY:
RECEIVING TEMP: 2.6/2.7 THERM#: IR8
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

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No. 2414

CHAIN-OF-CUSTODY

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

Data Reported to:

DATE: 1-31-22 PAGE 2 OF 3

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME:

LAI PROJECT #: 22-0104-02 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: 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-8 1'		1/28/22	1136	S	1				X		X		X	X	X															X		
S-9 .5'			1140																													
S-9 1'			1141																													
S-10 .5'			1145																													
S-10 1'			1146																													
S-11 .5'			1150																													
S-11 1'			1151																													
S-12 .5'			1155																													
S-12 1'			1156																													
S-13 .5'			1200																													
S-13 1'			1201																													
S-14 .5'			1205																													
S-14 1'			1206																													
S-15 .5'			1210																													
S-15 1'			1211																													

TOTAL 15

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
		1-31-22 910
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: THERM#:
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

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No. 2415

CHAIN-OF-CUSTODY

2/4/2022

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

DATE: 1/31/22 PAGE 3 OF 3

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: _____

LAI PROJECT #: 22-0104-02 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 ~~B~~	DIESEL - MOD 8015 ~~B~~	OIL - MOD 8015 ~~B~~	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 ☐	CHLORIDE ~~A~~	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
S-16 .5'		1/28/22	1215	S	1				X		X				X	X	X																								X			
S-16 1'																																														
S-17 .5'																																														
S-17 1'																																														
S-18 .5'																																														
S-18 1'																																														
S-19 .5'																																														
S-19 1'																																														
S-20 .5'																																														
S-20 1'																																														

TOTAL 10

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
2nd DOE		1-31-22 9:45
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: _____ THERM#: _____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-10733-1
SDG Number: 22-0104-02

Login Number: 10733
List Number: 1
Creator: Teel, Brianna

List Source: Eurofins Midland

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

PERMIAN BASIN
ENVIRONMENTAL LAB, LP
1400 Rankin Hwy
Midland, TX 79701

PBELAB

Analytical Report

Prepared for:

Mark Larson
Larson & Associates, Inc.
P.O. Box 50685
Midland, TX 79710

Project: Turkey Tract
Project Number: 22-0104-02
Location: None Given

Lab Order Number: 2C21006

NELAP ACCREDITED TNI LABORATORY

Current Certification

Report Date: 03/29/22

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
PB-1 1.0'	2C21006-01	Soil	03/14/22 13:00	03-21-2022 14:56
PB-1 3.0'	2C21006-02	Soil	03/14/22 13:01	03-21-2022 14:56
PB-1 5.0'	2C21006-03	Soil	03/14/22 13:02	03-21-2022 14:56
PB-1 10.0'	2C21006-04	Soil	03/14/22 13:03	03-21-2022 14:56
PB-2 1.0'	2C21006-05	Soil	03/14/22 13:50	03-21-2022 14:56
PB-2 3.0'	2C21006-06	Soil	03/14/22 13:51	03-21-2022 14:56
PB-2 5.0'	2C21006-07	Soil	03/14/22 13:52	03-21-2022 14:56
PB-2 10.0'	2C21006-08	Soil	03/14/22 13:53	03-21-2022 14:56
PB-3 1.0'	2C21006-09	Soil	03/14/22 14:15	03-21-2022 14:56
PB-3 3.0'	2C21006-10	Soil	03/14/22 14:16	03-21-2022 14:56
PB-3 5.0'	2C21006-11	Soil	03/14/22 14:17	03-21-2022 14:56
PB-3 10.0'	2C21006-12	Soil	03/14/22 14:18	03-21-2022 14:56
S-10 1.0'	2C21006-13	Soil	03/14/22 14:45	03-21-2022 14:56
S-10 3.0'	2C21006-14	Soil	03/14/22 14:46	03-21-2022 14:56
S-10 5.0'	2C21006-15	Soil	03/14/22 14:47	03-21-2022 14:56
S-10 8.0'	2C21006-16	Soil	03/14/22 14:47	03-21-2022 14:56
PB-4 1.0'	2C21006-17	Soil	03/14/22 15:10	03-21-2022 14:56
PB-4 3.0'	2C21006-18	Soil	03/14/22 15:11	03-21-2022 14:56
PB-4 5.0'	2C21006-19	Soil	03/14/22 15:12	03-21-2022 14:56
PB-4 10.0'	2C21006-20	Soil	03/14/22 15:13	03-21-2022 14:56
S-13 1.0'	2C21006-21	Soil	03/14/22 15:30	03-21-2022 14:56
S-13 3.0'	2C21006-22	Soil	03/14/22 15:31	03-21-2022 14:56
S-13 5.0'	2C21006-23	Soil	03/14/22 15:32	03-21-2022 14:56
S-13 10.0'	2C21006-24	Soil	03/14/22 15:33	03-21-2022 14:56
PB-5 1.0'	2C21006-25	Soil	03/14/22 16:00	03-21-2022 14:56
PB-5 3.0'	2C21006-26	Soil	03/14/22 16:01	03-21-2022 14:56
PB-5 5.0'	2C21006-27	Soil	03/14/22 16:02	03-21-2022 14:56
PB-5 10.0'	2C21006-28	Soil	03/14/22 16:03	03-21-2022 14:56
S-15 1.0'	2C21006-29	Soil	03/14/22 16:25	03-21-2022 14:56
S-15 3.0'	2C21006-30	Soil	03/14/22 16:26	03-21-2022 14:56
S-15 5.0'	2C21006-31	Soil	03/14/22 16:27	03-21-2022 14:56
S-15 10.0'	2C21006-32	Soil	03/14/22 16:28	03-21-2022 14:56
S-6 1.0'	2C21006-33	Soil	03/14/22 16:45	03-21-2022 14:56
S-6 3.0'	2C21006-34	Soil	03/14/22 16:46	03-21-2022 14:56

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-6 5.0'	2C21006-35	Soil	03/14/22 16:47	03-21-2022 14:56
S-6 10.0'	2C21006-36	Soil	03/14/22 16:48	03-21-2022 14:56
PB-7 1.0'	2C21006-37	Soil	03/15/22 08:42	03-21-2022 14:56
PB-7 3.0'	2C21006-38	Soil	03/15/22 08:43	03-21-2022 14:56
PB-7 5.0'	2C21006-39	Soil	03/15/22 08:44	03-21-2022 14:56
PB-7 10.0'	2C21006-40	Soil	03/15/22 08:45	03-21-2022 14:56
PB-8 1.0'	2C21006-41	Soil	03/15/22 09:15	03-21-2022 14:56
PB-8 3.0'	2C21006-42	Soil	03/15/22 09:16	03-21-2022 14:56
PB-8 5.0'	2C21006-43	Soil	03/15/22 09:17	03-21-2022 14:56
PB-8 10.0'	2C21006-44	Soil	03/15/22 09:18	03-21-2022 14:56
PB-9 1.0'	2C21006-45	Soil	03/15/22 09:50	03-21-2022 14:56
PB-9 3.0'	2C21006-46	Soil	03/15/22 09:51	03-21-2022 14:56
PB-9 5.0'	2C21006-47	Soil	03/15/22 09:52	03-21-2022 14:56
PB-9 10.0'	2C21006-48	Soil	03/15/22 09:53	03-21-2022 14:56
PB-11 1.0'	2C21006-49	Soil	03/15/22 10:00	03-21-2022 14:56
PB-11 3.0'	2C21006-50	Soil	03/15/22 10:01	03-21-2022 14:56
PB-11 5.0'	2C21006-51	Soil	03/15/22 10:02	03-21-2022 14:56
PB-11 10.0'	2C21006-52	Soil	03/15/22 10:03	03-21-2022 14:56
PB-10 1.0'	2C21006-53	Soil	03/15/22 10:30	03-21-2022 14:56
PB-10 3.0'	2C21006-54	Soil	03/15/22 10:31	03-21-2022 14:56
PB-10 5.0'	2C21006-55	Soil	03/15/22 10:32	03-21-2022 14:56
PB-10 10.0'	2C21006-56	Soil	03/15/22 10:33	03-21-2022 14:56
PB-12 1.0'	2C21006-57	Soil	03/15/22 11:10	03-21-2022 14:56
PB-12 3.0'	2C21006-58	Soil	03/15/22 11:11	03-21-2022 14:56
PB-12 5.0'	2C21006-59	Soil	03/15/22 11:12	03-21-2022 14:56
PB-12 10.0'	2C21006-60	Soil	03/15/22 11:13	03-21-2022 14:56
PB-13 1.0'	2C21006-61	Soil	03/15/22 11:45	03-21-2022 14:56
PB-13 3.0'	2C21006-62	Soil	03/15/22 11:46	03-21-2022 14:56
PB-13 5.0'	2C21006-63	Soil	03/15/22 11:47	03-21-2022 14:56
PB-13 10.0'	2C21006-64	Soil	03/15/22 11:48	03-21-2022 14:56
PB-14 1.0'	2C21006-65	Soil	03/15/22 12:30	03-21-2022 14:56
PB-14 3.0'	2C21006-66	Soil	03/15/22 12:31	03-21-2022 14:56
PB-14 5.0'	2C21006-67	Soil	03/15/22 12:32	03-21-2022 14:56
PB-14 10.0'	2C21006-68	Soil	03/15/22 12:33	03-21-2022 14:56

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
S-16 1.0'	2C21006-69	Soil	03/15/22 13:58	03-21-2022 14:56
S-16 3.0'	2C21006-70	Soil	03/15/22 13:59	03-21-2022 14:56
S-16 5.0'	2C21006-71	Soil	03/15/22 14:00	03-21-2022 14:56
S-16 10.0'	2C21006-72	Soil	03/15/22 14:01	03-21-2022 14:56
S-20 1.0'	2C21006-73	Soil	03/15/22 13:45	03-21-2022 14:56
S-20 3.0'	2C21006-74	Soil	03/15/22 13:46	03-21-2022 14:56
S-20 5.0'	2C21006-75	Soil	03/15/22 13:47	03-21-2022 14:56
S-20 10.0'	2C21006-76	Soil	03/15/22 13:48	03-21-2022 14:56
S-21 0.5'	2C21006-77	Soil	03/15/22 13:20	03-21-2022 14:56
S-21 1.0'	2C21006-78	Soil	03/15/22 13:21	03-21-2022 14:56
S-21 3.0'	2C21006-79	Soil	03/15/22 13:22	03-21-2022 14:56

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-1 1.0'

2C21006-01 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 07:36	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 07:36	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 07:36	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 07:36	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 07:36	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*96.7 %*	*80-120*		*P2C2306*	*03/23/22 11:42*	*03/24/22 07:36*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2306*	*03/23/22 11:42*	*03/24/22 07:36*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**37.4**	1.06	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 03:00	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 19:51	TPH 8015M	
>C12-C28	**630**	26.6	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 19:51	TPH 8015M	
>C28-C35	**50.8**	26.6	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 19:51	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.1 %*	*70-130*		*P2C2311*	*03/23/22 16:00*	*03/25/22 19:51*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.6 %*	*70-130*		*P2C2311*	*03/23/22 16:00*	*03/25/22 19:51*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**680**	26.6	mg/kg dry	1	[CALC]	03/23/22 16:00	03/25/22 19:51	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-1 3.0'

2C21006-02 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00112	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 07:57	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 07:57	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 07:57	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 07:57	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 07:57	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2306*	*03/23/22 11:42*	*03/24/22 07:57*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.6 %*	*80-120*		*P2C2306*	*03/23/22 11:42*	*03/24/22 07:57*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**323**	1.12	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 03:46	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 20:13	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 20:13	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 20:13	TPH 8015M	
Surrogate: 1-Chlorooctane		*85.4 %*	*70-130*		*P2C2311*	*03/23/22 16:00*	*03/25/22 20:13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.8 %*	*70-130*		*P2C2311*	*03/23/22 16:00*	*03/25/22 20:13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	03/23/22 16:00	03/25/22 20:13	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-1 5.0'

2C21006-03 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 08:17	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 08:17	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 08:17	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 08:17	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 08:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*80-120*		*P2C2306*	*03/23/22 11:42*	*03/24/22 08:17*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2306*	*03/23/22 11:42*	*03/24/22 08:17*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**59.3**	1.10	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 04:32	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 20:35	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 20:35	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 20:35	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.3 %*	*70-130*		*P2C2311*	*03/23/22 16:00*	*03/25/22 20:35*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.0 %*	*70-130*		*P2C2311*	*03/23/22 16:00*	*03/25/22 20:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/23/22 16:00	03/25/22 20:35	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-1 10.0'

2C21006-04 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00116	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 08:38	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 08:38	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 08:38	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 08:38	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P2C2306	03/23/22 11:42	03/24/22 08:38	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2306*	*03/23/22 11:42*	*03/24/22 08:38*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.0 %*	*80-120*		*P2C2306*	*03/23/22 11:42*	*03/24/22 08:38*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**100**	1.16	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 04:48	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 20:56	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 20:56	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P2C2311	03/23/22 16:00	03/25/22 20:56	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.1 %*	*70-130*		*P2C2311*	*03/23/22 16:00*	*03/25/22 20:56*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.4 %*	*70-130*		*P2C2311*	*03/23/22 16:00*	*03/25/22 20:56*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	03/23/22 16:00	03/25/22 20:56	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-2 1.0'

2C21006-05 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 13:39	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 13:39	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 13:39	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 13:39	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 13:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 13:39*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 13:39*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**84.8**	1.04	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 05:03	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 17:05	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 17:05	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 17:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.4 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 17:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.2 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 17:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 17:05	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-2 3.0'

2C21006-06 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:01	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:01	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:01	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:01	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:01	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 14:01*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 14:01*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**210**	1.04	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 05:18	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 17:28	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 17:28	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 17:28	TPH 8015M	
Surrogate: 1-Chlorooctane		*84.8 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 17:28*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.2 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 17:28*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 17:28	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-2 5.0'

2C21006-07 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:22	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:22	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:22	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:22	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 14:22*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 14:22*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**137**	1.05	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 05:34	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 17:50	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 17:50	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 17:50	TPH 8015M	
Surrogate: 1-Chlorooctane		*83.7 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 17:50*	*TPH 8015M*	
Surrogate: o-Terphenyl		*91.8 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 17:50*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 17:50	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-2 10.0'

2C21006-08 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:43	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:43	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:43	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:43	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 14:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 14:43*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 14:43*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**136**	1.05	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 05:49	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 18:13	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 18:13	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 18:13	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.3 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 18:13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.9 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 18:13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 18:13	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-3 1.0'

2C21006-09 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:05	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:05	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:05	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:05	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:05	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 15:05*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 15:05*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**115**	1.06	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 06:04	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 18:35	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 18:35	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 18:35	TPH 8015M	
Surrogate: 1-Chlorooctane		*85.2 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 18:35*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.0 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 18:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 18:35	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-3 3.0'

2C21006-10 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:26	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:26	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:26	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:26	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 15:26*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 15:26*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**197**	1.06	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 06:20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 18:57	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 18:57	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 18:57	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.6 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 18:57*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.1 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 18:57*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 18:57	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-3 5.0'

2C21006-11 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:48	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:48	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:48	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:48	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 15:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 15:48*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 15:48*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**93.5**	1.05	mg/kg dry	1	P2C2312	03/23/22 15:56	03/24/22 06:35	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 19:20	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 19:20	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 19:20	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.0 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 19:20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.3 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 19:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 19:20	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-3 10.0'

2C21006-12 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:09	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:09	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:09	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:09	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:09	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 16:09*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 16:09*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**63.1**	1.03	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 16:56	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 19:42	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 19:42	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 19:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.0 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 19:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*92.0 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 19:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 19:42	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-10 1.0'

2C21006-13 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:31	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:31	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:31	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:31	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:31	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 16:31*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 16:31*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**60.3**	1.02	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 17:41	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**30.5**	25.5	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 20:04	TPH 8015M	
>C12-C28	**577**	25.5	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 20:04	TPH 8015M	
>C28-C35	**66.2**	25.5	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 20:04	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.2 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 20:04*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.9 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 20:04*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**674**	25.5	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 20:04	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-10 3.0'

2C21006-14 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:52	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:52	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:52	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:52	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 16:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 16:52*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 16:52*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**278**	1.05	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 17:57	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 20:27	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 20:27	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 20:27	TPH 8015M	
Surrogate: 1-Chlorooctane		*85.8 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 20:27*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.3 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 20:27*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 20:27	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-10 5.0'

2C21006-15 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 17:56	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 17:56	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 17:56	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 17:56	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 17:56	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*107 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 17:56*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 17:56*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**160**	1.06	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 18:12	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 21:33	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 21:33	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 21:33	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.9 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 21:33*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.0 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 21:33*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 21:33	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-10 8.0'

2C21006-16 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 18:18	EPA 8021B	
Toluene	ND	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 18:18	EPA 8021B	
Ethylbenzene	ND	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 18:18	EPA 8021B	
Xylene (p/m)	ND	0.00206	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 18:18	EPA 8021B	
Xylene (o)	ND	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 18:18	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 18:18*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 18:18*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**82.0**	1.03	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 18:27	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.8	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 21:55	TPH 8015M	
>C12-C28	ND	25.8	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 21:55	TPH 8015M	
>C28-C35	ND	25.8	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 21:55	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 21:55*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.1 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 21:55*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.8	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 21:55	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-4 1.0'

2C21006-17 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 18:39	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 18:39	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 18:39	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 18:39	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 18:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 18:39*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 18:39*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**121**	1.09	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 18:43	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 22:18	TPH 8015M	
>C12-C28	**226**	27.2	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 22:18	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 22:18	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.6 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 22:18*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.2 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 22:18*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**226**	27.2	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 22:18	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-4 3.0'

2C21006-18 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:00	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:00	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:00	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:00	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:00	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 19:00*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 19:00*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**186**	1.08	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 18:58	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 22:40	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 22:40	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 22:40	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.9 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 22:40*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.1 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 22:40*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 22:40	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-4 5.0'

2C21006-19 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:21	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:21	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:21	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:21	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:21	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 19:21*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 19:21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**44.5**	1.09	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 19:13	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 23:02	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 23:02	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 23:02	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.7 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 23:02*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.9 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 23:02*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 23:02	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-4 10.0'

2C21006-20 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:43	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:43	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:43	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:43	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 19:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 19:43*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 19:43*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**106**	1.06	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 19:28	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 23:24	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 23:24	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/24/22 23:24	TPH 8015M	
Surrogate: 1-Chlorooctane		*87.4 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 23:24*	*TPH 8015M*	
Surrogate: o-Terphenyl		*93.4 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 23:24*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 09:00	03/24/22 23:24	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-13 1.0'

2C21006-21 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00786**	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:04	EPA 8021B	
Toluene	**0.364**	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:04	EPA 8021B	
Ethylbenzene	**0.322**	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:04	EPA 8021B	
Xylene (p/m)	**0.713**	0.00206	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:04	EPA 8021B	
Xylene (o)	**0.295**	0.00103	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*82.5 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 20:04*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*87.1 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 20:04*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**96.9**	1.03	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 19:44	EPA 300.0	
% Moisture	**3.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**1320**	258	mg/kg dry	10	P2C2404	03/24/22 09:00	03/24/22 23:46	TPH 8015M	
>C12-C28	**26100**	258	mg/kg dry	10	P2C2404	03/24/22 09:00	03/24/22 23:46	TPH 8015M	
>C28-C35	**3340**	258	mg/kg dry	10	P2C2404	03/24/22 09:00	03/24/22 23:46	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.3 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 23:46*	*TPH 8015M*	
Surrogate: o-Terphenyl		*113 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/24/22 23:46*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**30800**	258	mg/kg dry	10	[CALC]	03/24/22 09:00	03/24/22 23:46	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-13 3.0'

2C21006-22 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00112	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:25	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:25	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:25	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:25	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:25	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 20:25*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 20:25*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**60.2**	1.12	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 20:29	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P2C2404	03/24/22 09:00	03/25/22 00:08	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P2C2404	03/24/22 09:00	03/25/22 00:08	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P2C2404	03/24/22 09:00	03/25/22 00:08	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.9 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/25/22 00:08*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.5 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/25/22 00:08*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	03/24/22 09:00	03/25/22 00:08	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-13 5.0'

2C21006-23 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:46	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:46	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:46	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:46	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 20:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 20:46*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 20:46*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.0**	1.09	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 21:15	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P2C2404	03/24/22 09:00	03/25/22 00:30	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P2C2404	03/24/22 09:00	03/25/22 00:30	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2C2404	03/24/22 09:00	03/25/22 00:30	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/25/22 00:30*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.4 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/25/22 00:30*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/24/22 09:00	03/25/22 00:30	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-13 10.0'

2C21006-24 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 21:07	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 21:07	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 21:07	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 21:07	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2401	03/24/22 10:10	03/24/22 21:07	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 21:07*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P2C2401*	*03/24/22 10:10*	*03/24/22 21:07*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**2.15**	1.06	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 21:31	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/25/22 00:52	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/25/22 00:52	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2404	03/24/22 09:00	03/25/22 00:52	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.3 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/25/22 00:52*	*TPH 8015M*	
Surrogate: o-Terphenyl		*95.5 %*	*70-130*		*P2C2404*	*03/24/22 09:00*	*03/25/22 00:52*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 09:00	03/25/22 00:52	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-5 1.0'

2C21006-25 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/24/22 23:55	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/24/22 23:55	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/24/22 23:55	EPA 8021B	
Xylene (p/m)	**0.00248**	0.00213	mg/kg dry	1	P2C2402	03/24/22 10:14	03/24/22 23:55	EPA 8021B	
Xylene (o)	**0.00106**	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/24/22 23:55	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/24/22 23:55*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/24/22 23:55*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**104**	1.06	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 21:46	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2403	03/24/22 10:45	03/24/22 10:47	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**70.1**	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 04:32	TPH 8015M	
>C12-C28	**1440**	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 04:32	TPH 8015M	
>C28-C35	**166**	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 04:32	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.7 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 04:32*	*TPH 8015M*	
Surrogate: o-Terphenyl		*128 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 04:32*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1670**	26.6	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 04:32	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-5 3.0'

2C21006-26 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:16	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:16	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:16	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:16	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:16	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 00:16*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 00:16*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**106**	1.09	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 22:01	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 04:54	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 04:54	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 04:54	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.8 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 04:54*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 04:54*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 04:54	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-5 5.0'

2C21006-27 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:37	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:37	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:37	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:37	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 00:37*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 00:37*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**59.5**	1.06	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 22:17	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 05:16	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 05:16	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 05:16	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.9 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 05:16*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 05:16*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 05:16	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-5 10.0'

2C21006-28 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:58	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:58	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:58	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:58	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 00:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 00:58*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 00:58*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**189**	1.04	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 22:32	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 05:38	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 05:38	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 05:38	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.1 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 05:38*	*TPH 8015M*	
Surrogate: o-Terphenyl		*94.9 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 05:38*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 05:38	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-15 1.0'

2C21006-29 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 01:19	EPA 8021B	
Toluene	**0.0717**	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 01:19	EPA 8021B	
Ethylbenzene	**0.0951**	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 01:19	EPA 8021B	
Xylene (p/m)	**0.373**	0.00215	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 01:19	EPA 8021B	
Xylene (o)	**0.149**	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 01:19	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.6 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 01:19*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*108 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 01:19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**724**	1.08	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 22:47	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**266**	134	mg/kg dry	5	P2C2405	03/24/22 10:00	03/25/22 06:00	TPH 8015M	
>C12-C28	**4060**	134	mg/kg dry	5	P2C2405	03/24/22 10:00	03/25/22 06:00	TPH 8015M	
>C28-C35	**483**	134	mg/kg dry	5	P2C2405	03/24/22 10:00	03/25/22 06:00	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.6 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 06:00*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 06:00*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**4810**	134	mg/kg dry	5	[CALC]	03/24/22 10:00	03/25/22 06:00	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-15 3.0'

2C21006-30 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 01:39	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 01:39	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 01:39	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 01:39	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 01:39	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 01:39*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 01:39*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**99.8**	1.06	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 23:03	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 20:38	TPH 8015M	
>C12-C28	**181**	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 20:38	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 20:38	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.7 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 20:38*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.4 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 20:38*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**181**	26.6	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 20:38	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-15 5.0'

2C21006-31 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:00	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:00	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:00	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:00	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 02:00*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 02:00*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**70.6**	1.06	mg/kg dry	1	P2C2408	03/24/22 13:59	03/24/22 23:18	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 21:01	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 21:01	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 21:01	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.8 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 21:01*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.0 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 21:01*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 21:01	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-15 10.0'

2C21006-32 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:21	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:21	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:21	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:21	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:21	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 02:21*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 02:21*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**305**	1.05	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 00:50	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 21:23	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 21:23	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 21:23	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.0 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 21:23*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.4 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 21:23*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 21:23	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-6 1.0'

2C21006-33 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:42	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:42	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:42	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:42	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 02:42	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*99.5 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 02:42*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 02:42*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**913**	1.05	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 01:36	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 21:45	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 21:45	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 21:45	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.8 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 21:45*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.6 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 21:45*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 21:45	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-6 3.0'

2C21006-34 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 03:03	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 03:03	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 03:03	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 03:03	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 03:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 03:03*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 03:03*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**36.9**	1.06	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 01:51	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 22:52	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 22:52	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 22:52	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.8 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 22:52*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.7 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 22:52*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 22:52	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-6 5.0'

2C21006-35 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:05	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:05	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:05	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:05	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:05	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 04:05*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.3 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 04:05*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**52.7**	1.04	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 02:07	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 23:14	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 23:14	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 23:14	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.3 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 23:14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.6 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 23:14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 23:14	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-6 10.0'

2C21006-36 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:26	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:26	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:26	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:26	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:26	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 04:26*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 04:26*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**41.2**	1.05	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 02:22	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 23:36	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 23:36	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2405	03/24/22 10:00	03/25/22 23:36	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.9 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 23:36*	*TPH 8015M*	
Surrogate: o-Terphenyl		*98.1 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 23:36*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 10:00	03/25/22 23:36	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-7 1.0'

2C21006-37 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00440**	0.00112	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:47	EPA 8021B	
Toluene	**0.0324**	0.00112	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:47	EPA 8021B	
Ethylbenzene	**0.114**	0.00112	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:47	EPA 8021B	
Xylene (p/m)	**0.402**	0.00225	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:47	EPA 8021B	
Xylene (o)	**0.228**	0.00112	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 04:47	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*88.3 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 04:47*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 04:47*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**425**	1.12	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 02:37	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**818**	140	mg/kg dry	5	P2C2405	03/24/22 10:00	03/25/22 23:58	TPH 8015M	
>C12-C28	**10900**	140	mg/kg dry	5	P2C2405	03/24/22 10:00	03/25/22 23:58	TPH 8015M	
>C28-C35	**1180**	140	mg/kg dry	5	P2C2405	03/24/22 10:00	03/25/22 23:58	TPH 8015M	
Surrogate: 1-Chlorooctane		*118 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 23:58*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/25/22 23:58*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**12900**	140	mg/kg dry	5	[CALC]	03/24/22 10:00	03/25/22 23:58	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-7 3.0'

2C21006-38 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00116	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:08	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:08	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:08	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:08	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:08	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 05:08*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 05:08*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**1150**	1.16	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 02:52	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 00:20	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 00:20	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 00:20	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.7 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 00:20*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.8 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 00:20*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	03/24/22 10:00	03/26/22 00:20	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-7 5.0'

2C21006-39 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:28	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:28	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:28	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:28	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:28	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 05:28*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*98.8 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 05:28*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**251**	1.08	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 03:08	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 00:42	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 00:42	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 00:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.4 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 00:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 00:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/24/22 10:00	03/26/22 00:42	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-7 10.0'

2C21006-40 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:49	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:49	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:49	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:49	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 05:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 05:49*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*95.5 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 05:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**195**	1.11	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 03:23	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 01:05	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 01:05	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 01:05	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.8 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 01:05*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.3 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 01:05*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/24/22 10:00	03/26/22 01:05	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-8 1.0'

2C21006-41 (Soil)

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Permian Basin Environmental Lab, L.P.									
BTEX by 8021B									
Benzene	**0.0258**	0.0225	mg/kg dry	20	P2C2402	03/24/22 10:14	03/25/22 11:15	EPA 8021B	
Toluene	**2.36**	0.0225	mg/kg dry	20	P2C2402	03/24/22 10:14	03/25/22 11:15	EPA 8021B	
Ethylbenzene	**2.93**	0.0225	mg/kg dry	20	P2C2402	03/24/22 10:14	03/25/22 11:15	EPA 8021B	
Xylene (p/m)	**6.63**	0.0449	mg/kg dry	20	P2C2402	03/24/22 10:14	03/25/22 11:15	EPA 8021B	
Xylene (o)	**3.21**	0.0225	mg/kg dry	20	P2C2402	03/24/22 10:14	03/25/22 11:15	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 11:15*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 11:15*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**106**	1.12	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 03:38	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**1230**	140	mg/kg dry	5	P2C2405	03/24/22 10:00	03/26/22 01:27	TPH 8015M	
>C12-C28	**14200**	140	mg/kg dry	5	P2C2405	03/24/22 10:00	03/26/22 01:27	TPH 8015M	
>C28-C35	**1440**	140	mg/kg dry	5	P2C2405	03/24/22 10:00	03/26/22 01:27	TPH 8015M	
Surrogate: 1-Chlorooctane		*86.2 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 01:27*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 01:27*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**16900**	140	mg/kg dry	5	[CALC]	03/24/22 10:00	03/26/22 01:27	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-8 3.0'

2C21006-42 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00115	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 06:31	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 06:31	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 06:31	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 06:31	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 06:31	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 06:31*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 06:31*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**34.4**	1.15	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 04:24	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 01:49	TPH 8015M	
>C12-C28	**118**	28.7	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 01:49	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 01:49	TPH 8015M	
Surrogate: 1-Chlorooctane		*90.6 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 01:49*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 01:49*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**118**	28.7	mg/kg dry	1	[CALC]	03/24/22 10:00	03/26/22 01:49	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-8 5.0'

2C21006-43 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 06:52	EPA 8021B	
Toluene	ND	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 06:52	EPA 8021B	
Ethylbenzene	ND	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 06:52	EPA 8021B	
Xylene (p/m)	ND	0.00215	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 06:52	EPA 8021B	
Xylene (o)	ND	0.00108	mg/kg dry	1	P2C2402	03/24/22 10:14	03/25/22 06:52	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 06:52*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*99.9 %*	*80-120*		*P2C2402*	*03/24/22 10:14*	*03/25/22 06:52*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**12.6**	1.08	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 05:10	EPA 300.0	
% Moisture	**7.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.9	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 02:11	TPH 8015M	
>C12-C28	ND	26.9	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 02:11	TPH 8015M	
>C28-C35	ND	26.9	mg/kg dry	1	P2C2405	03/24/22 10:00	03/26/22 02:11	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.8 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 02:11*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P2C2405*	*03/24/22 10:00*	*03/26/22 02:11*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.9	mg/kg dry	1	[CALC]	03/24/22 10:00	03/26/22 02:11	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-8 10.0'

2C21006-44 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 15:44	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 15:44	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 15:44	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 15:44	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 15:44	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 15:44*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 15:44*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**23.2**	1.10	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 05:25	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 00:51	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 00:51	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 00:51	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.5 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 00:51*	*TPH 8015M*	
Surrogate: o-Terphenyl		*100 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 00:51*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 00:51	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-9 1.0'

2C21006-45 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00377**	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 16:06	EPA 8021B	
Toluene	**0.0697**	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 16:06	EPA 8021B	
Ethylbenzene	**0.228**	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 16:06	EPA 8021B	
Xylene (p/m)	**0.292**	0.00222	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 16:06	EPA 8021B	
Xylene (o)	**0.266**	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 16:06	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 16:06*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*93.9 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 16:06*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**169**	1.11	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 05:40	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**580**	139	mg/kg dry	5	P2C2406	03/24/22 11:00	03/26/22 01:13	TPH 8015M	
>C12-C28	**9980**	139	mg/kg dry	5	P2C2406	03/24/22 11:00	03/26/22 01:13	TPH 8015M	
>C28-C35	**1610**	139	mg/kg dry	5	P2C2406	03/24/22 11:00	03/26/22 01:13	TPH 8015M	
Surrogate: 1-Chlorooctane		*120 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 01:13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 01:13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**12200**	139	mg/kg dry	5	[CALC]	03/24/22 11:00	03/26/22 01:13	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-9 3.0'

2C21006-46 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 19:35	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 19:35	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 19:35	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 19:35	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 19:35	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2807*	*03/28/22 14:23*	*03/28/22 19:35*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P2C2807*	*03/28/22 14:23*	*03/28/22 19:35*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**127**	1.10	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 05:55	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 01:34	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 01:34	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 01:34	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.9 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 01:34*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 01:34*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 01:34	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-9 5.0'

2C21006-47 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00114	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 16:49	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 16:49	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 16:49	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 16:49	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 16:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 16:49*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 16:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**170**	1.14	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 06:11	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 01:55	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 01:55	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 01:55	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.6 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 01:55*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 01:55*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 01:55	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-9 10.0'

2C21006-48 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 17:11	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 17:11	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 17:11	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 17:11	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 17:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 17:11*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*109 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 17:11*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**92.9**	1.10	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 06:26	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 02:17	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 02:17	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 02:17	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.2 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 02:17*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 02:17*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 02:17	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-11 1.0'

2C21006-49 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.00174**	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 17:33	EPA 8021B	
Toluene	**0.00926**	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 17:33	EPA 8021B	
Ethylbenzene	**0.129**	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 17:33	EPA 8021B	
Xylene (p/m)	**0.131**	0.00222	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 17:33	EPA 8021B	
Xylene (o)	**0.145**	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 17:33	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*93.9 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 17:33*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*96.5 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 17:33*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**184**	1.11	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 08:03	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**830**	139	mg/kg dry	5	P2C2406	03/24/22 11:00	03/26/22 02:38	TPH 8015M	
>C12-C28	**16200**	139	mg/kg dry	5	P2C2406	03/24/22 11:00	03/26/22 02:38	TPH 8015M	
>C28-C35	**2600**	139	mg/kg dry	5	P2C2406	03/24/22 11:00	03/26/22 02:38	TPH 8015M	
Surrogate: 1-Chlorooctane		*119 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 02:38*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 02:38*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**19600**	139	mg/kg dry	5	[CALC]	03/24/22 11:00	03/26/22 02:38	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-11 3.0'

2C21006-50 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 18:37	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 18:37	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 18:37	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 18:37	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 18:37	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 18:37*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 18:37*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**134**	1.11	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 08:18	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 02:59	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 02:59	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 02:59	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.1 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 02:59*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 02:59*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 02:59	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-11 5.0'

2C21006-51 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00116	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 18:58	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 18:58	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 18:58	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 18:58	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 18:58	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 18:58*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 18:58*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**157**	1.16	mg/kg dry	1	P2C2409	03/24/22 14:01	03/25/22 08:34	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 03:21	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 03:21	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 03:21	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.4 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 03:21*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 03:21*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 03:21	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-11 10.0'

2C21006-52 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00114	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 19:20	EPA 8021B	
Toluene	ND	0.00114	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 19:20	EPA 8021B	
Ethylbenzene	ND	0.00114	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 19:20	EPA 8021B	
Xylene (p/m)	ND	0.00227	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 19:20	EPA 8021B	
Xylene (o)	ND	0.00114	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 19:20	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 19:20*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 19:20*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**142**	1.14	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 10:06	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.4	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 03:42	TPH 8015M	
>C12-C28	ND	28.4	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 03:42	TPH 8015M	
>C28-C35	ND	28.4	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 03:42	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 03:42*	*TPH 8015M*	
Surrogate: o-Terphenyl		*108 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 03:42*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.4	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 03:42	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-10 1.0'

2C21006-53 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.0826**	0.0220	mg/kg dry	20	P2C2507	03/25/22 10:13	03/28/22 11:49	EPA 8021B	
Toluene	**1.51**	0.0220	mg/kg dry	20	P2C2507	03/25/22 10:13	03/28/22 11:49	EPA 8021B	
Ethylbenzene	**2.16**	0.0220	mg/kg dry	20	P2C2507	03/25/22 10:13	03/28/22 11:49	EPA 8021B	
Xylene (p/m)	**1.45**	0.0440	mg/kg dry	20	P2C2507	03/25/22 10:13	03/28/22 11:49	EPA 8021B	
Xylene (o)	**1.95**	0.0220	mg/kg dry	20	P2C2507	03/25/22 10:13	03/28/22 11:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*100 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/28/22 11:49*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*96.8 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/28/22 11:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**194**	1.10	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 10:52	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**1710**	275	mg/kg dry	10	P2C2406	03/24/22 11:00	03/28/22 10:25	TPH 8015M	
>C12-C28	**28400**	275	mg/kg dry	10	P2C2406	03/24/22 11:00	03/28/22 10:25	TPH 8015M	
>C28-C35	**4800**	275	mg/kg dry	10	P2C2406	03/24/22 11:00	03/28/22 10:25	TPH 8015M	
Surrogate: 1-Chlorooctane		*100 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/28/22 10:25*	*TPH 8015M*	
Surrogate: o-Terphenyl		*73.0 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/28/22 10:25*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**34900**	275	mg/kg dry	10	[CALC]	03/24/22 11:00	03/28/22 10:25	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-10 3.0'

2C21006-54 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00116	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:03	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:03	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:03	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:03	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:03	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*105 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 20:03*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 20:03*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**114**	1.16	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 11:07	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 05:07	TPH 8015M	
>C12-C28	**128**	29.1	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 05:07	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 05:07	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.6 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 05:07*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 05:07*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**128**	29.1	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 05:07	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-10 5.0'

2C21006-55 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00118	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:24	EPA 8021B	
Toluene	ND	0.00118	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:24	EPA 8021B	
Ethylbenzene	ND	0.00118	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:24	EPA 8021B	
Xylene (p/m)	ND	0.00235	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:24	EPA 8021B	
Xylene (o)	ND	0.00118	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:24	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 20:24*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 20:24*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.0**	1.18	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 11:22	EPA 300.0	
% Moisture	**15.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.4	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 05:28	TPH 8015M	
>C12-C28	ND	29.4	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 05:28	TPH 8015M	
>C28-C35	ND	29.4	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 05:28	TPH 8015M	
Surrogate: 1-Chlorooctane		*101 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 05:28*	*TPH 8015M*	
Surrogate: o-Terphenyl		*111 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 05:28*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.4	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 05:28	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-10 10.0'

2C21006-56 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:45	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:45	EPA 8021B	
Ethylbenzene	ND	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:45	EPA 8021B	
Xylene (p/m)	ND	0.00222	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:45	EPA 8021B	
Xylene (o)	ND	0.00111	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 20:45	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 20:45*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 20:45*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**3.87**	1.11	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 11:38	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.8	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 05:50	TPH 8015M	
>C12-C28	ND	27.8	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 05:50	TPH 8015M	
>C28-C35	ND	27.8	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 05:50	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.2 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 05:50*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 05:50*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.8	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 05:50	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-12 1.0'

2C21006-57 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	**0.0441**	0.0227	mg/kg dry	20	P2C2507	03/25/22 10:13	03/28/22 12:11	EPA 8021B	
Toluene	**1.18**	0.0227	mg/kg dry	20	P2C2507	03/25/22 10:13	03/28/22 12:11	EPA 8021B	
Ethylbenzene	**3.69**	0.0227	mg/kg dry	20	P2C2507	03/25/22 10:13	03/28/22 12:11	EPA 8021B	
Xylene (p/m)	**1.14**	0.0455	mg/kg dry	20	P2C2507	03/25/22 10:13	03/28/22 12:11	EPA 8021B	
Xylene (o)	**3.60**	0.0227	mg/kg dry	20	P2C2507	03/25/22 10:13	03/28/22 12:11	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*99.3 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/28/22 12:11*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*110 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/28/22 12:11*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**144**	1.14	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 11:53	EPA 300.0	
% Moisture	**12.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**1330**	142	mg/kg dry	5	P2C2406	03/24/22 11:00	03/26/22 06:11	TPH 8015M	
>C12-C28	**18200**	142	mg/kg dry	5	P2C2406	03/24/22 11:00	03/26/22 06:11	TPH 8015M	
>C28-C35	**2700**	142	mg/kg dry	5	P2C2406	03/24/22 11:00	03/26/22 06:11	TPH 8015M	
Surrogate: 1-Chlorooctane		*102 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 06:11*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 06:11*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**22200**	142	mg/kg dry	5	[CALC]	03/24/22 11:00	03/26/22 06:11	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-12 3.0'

2C21006-58 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 21:27	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 21:27	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 21:27	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 21:27	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 21:27	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*107 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 21:27*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*105 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 21:27*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**22.3**	1.10	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 12:08	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 06:32	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 06:32	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 06:32	TPH 8015M	
Surrogate: 1-Chlorooctane		*97.0 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 06:32*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 06:32*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 06:32	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-12 5.0'

2C21006-59 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 21:49	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 21:49	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 21:49	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 21:49	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2C2507	03/25/22 10:13	03/25/22 21:49	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 21:49*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P2C2507*	*03/25/22 10:13*	*03/25/22 21:49*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**20.7**	1.09	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 12:24	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 06:53	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 06:53	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 06:53	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.0 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 06:53*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 06:53*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 06:53	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-12 10.0'

2C21006-60 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00102	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 00:37	EPA 8021B	
Toluene	ND	0.00102	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 00:37	EPA 8021B	
Ethylbenzene	ND	0.00102	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 00:37	EPA 8021B	
Xylene (p/m)	ND	0.00204	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 00:37	EPA 8021B	
Xylene (o)	ND	0.00102	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 00:37	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 00:37*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 00:37*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**5.72**	1.02	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 12:39	EPA 300.0	
% Moisture	**2.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	25.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 07:14	TPH 8015M	
>C12-C28	ND	25.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 07:14	TPH 8015M	
>C28-C35	ND	25.5	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 07:14	TPH 8015M	
Surrogate: 1-Chlorooctane		*105 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 07:14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*112 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 07:14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	25.5	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 07:14	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-13 1.0'

2C21006-61 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 00:58	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 00:58	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 00:58	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 00:58	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 00:58	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 00:58*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 00:58*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**121**	1.04	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 12:54	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 07:36	TPH 8015M	
>C12-C28	ND	26.0	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 07:36	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 07:36	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.2 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 07:36*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 07:36*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.0	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 07:36	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-13 3.0'

2C21006-62 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 01:19	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 01:19	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 01:19	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 01:19	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 01:19	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 01:19*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 01:19*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**45.3**	1.06	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 13:40	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 07:57	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 07:57	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 07:57	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.5 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 07:57*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.6 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 07:57*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 07:57	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-13 5.0'

2C21006-63 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 01:40	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 01:40	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 01:40	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 01:40	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 01:40	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 01:40*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 01:40*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**51.2**	1.06	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 14:26	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 08:19	TPH 8015M	
>C12-C28	**55.8**	26.6	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 08:19	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2406	03/24/22 11:00	03/26/22 08:19	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.9 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 08:19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P2C2406*	*03/24/22 11:00*	*03/26/22 08:19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**55.8**	26.6	mg/kg dry	1	[CALC]	03/24/22 11:00	03/26/22 08:19	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-13 10.0'

2C21006-64 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:01	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:01	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:01	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:01	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:01	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 02:01*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 02:01*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**33.6**	1.06	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 14:41	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 11:31	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 11:31	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 11:31	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.5 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 11:31*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 11:31*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 11:31	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-14 1.0'

2C21006-65 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:22	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:22	EPA 8021B	
Ethylbenzene	**0.00879**	0.00109	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:22	EPA 8021B	
Xylene (p/m)	**0.0490**	0.00217	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:22	EPA 8021B	
Xylene (o)	**0.0126**	0.00109	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:22	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*106 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 02:22*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 02:22*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**144**	1.09	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 14:57	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 11:53	TPH 8015M	
>C12-C28	**724**	27.2	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 11:53	TPH 8015M	
>C28-C35	**113**	27.2	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 11:53	TPH 8015M	
Surrogate: 1-Chlorooctane		*98.6 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 11:53*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 11:53*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**836**	27.2	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 11:53	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-14 3.0'

2C21006-66 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00112	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:43	EPA 8021B	
Toluene	ND	0.00112	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:43	EPA 8021B	
Ethylbenzene	ND	0.00112	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:43	EPA 8021B	
Xylene (p/m)	ND	0.00225	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:43	EPA 8021B	
Xylene (o)	ND	0.00112	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 02:43	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 02:43*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*104 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 02:43*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**122**	1.12	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 15:12	EPA 300.0	
% Moisture	**11.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.1	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 12:14	TPH 8015M	
>C12-C28	ND	28.1	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 12:14	TPH 8015M	
>C28-C35	ND	28.1	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 12:14	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.2 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 12:14*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 12:14*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	28.1	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 12:14	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-14 5.0'

2C21006-67 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00115	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:04	EPA 8021B	
Toluene	ND	0.00115	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:04	EPA 8021B	
Ethylbenzene	ND	0.00115	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:04	EPA 8021B	
Xylene (p/m)	ND	0.00230	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:04	EPA 8021B	
Xylene (o)	ND	0.00115	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:04	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 03:04*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 03:04*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**164**	1.15	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 15:27	EPA 300.0	
% Moisture	**13.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	28.7	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 12:36	TPH 8015M	
>C12-C28	**114**	28.7	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 12:36	TPH 8015M	
>C28-C35	ND	28.7	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 12:36	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.9 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 12:36*	*TPH 8015M*	
Surrogate: o-Terphenyl		*102 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 12:36*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**114**	28.7	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 12:36	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

PB-14 10.0'

2C21006-68 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00116	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:25	EPA 8021B	
Toluene	ND	0.00116	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:25	EPA 8021B	
Ethylbenzene	ND	0.00116	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:25	EPA 8021B	
Xylene (p/m)	ND	0.00233	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:25	EPA 8021B	
Xylene (o)	ND	0.00116	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:25	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 03:25*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*102 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 03:25*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**59.4**	1.16	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 15:42	EPA 300.0	
% Moisture	**14.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	29.1	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 12:57	TPH 8015M	
>C12-C28	ND	29.1	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 12:57	TPH 8015M	
>C28-C35	ND	29.1	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 12:57	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.3 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 12:57*	*TPH 8015M*	
Surrogate: o-Terphenyl		*105 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 12:57*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	29.1	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 12:57	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-16 1.0'

2C21006-69 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00111	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:46	EPA 8021B	
Toluene	ND	0.00111	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:46	EPA 8021B	
Ethylbenzene	**0.00411**	0.00111	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:46	EPA 8021B	
Xylene (p/m)	**0.0332**	0.00222	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:46	EPA 8021B	
Xylene (o)	**0.00371**	0.00111	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 03:46	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 03:46*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 03:46*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**528**	1.11	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 15:57	EPA 300.0	
% Moisture	**10.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	**79.9**	27.8	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 13:19	TPH 8015M	
>C12-C28	**1280**	27.8	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 13:19	TPH 8015M	
>C28-C35	**197**	27.8	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 13:19	TPH 8015M	
Surrogate: 1-Chlorooctane		*95.7 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 13:19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*109 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 13:19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**1560**	27.8	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 13:19	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-16 3.0'

2C21006-70 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 04:48	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 04:48	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 04:48	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 04:48	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 04:48	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 04:48*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*104 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 04:48*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**595**	1.10	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 16:13	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 13:40	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 13:40	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 13:40	TPH 8015M	
Surrogate: 1-Chlorooctane		*94.8 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 13:40*	*TPH 8015M*	
Surrogate: o-Terphenyl		*103 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 13:40*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 13:40	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-16 5.0'

2C21006-71 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:09	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:09	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:09	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:09	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:09	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 05:09*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 05:09*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**132**	1.05	mg/kg dry	1	P2C2410	03/24/22 14:02	03/25/22 16:28	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 14:02	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 14:02	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 14:02	TPH 8015M	
Surrogate: 1-Chlorooctane		*91.7 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 14:02*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.3 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 14:02*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 14:02	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-16 10.0'

2C21006-72 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00110	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:30	EPA 8021B	
Toluene	ND	0.00110	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:30	EPA 8021B	
Ethylbenzene	ND	0.00110	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:30	EPA 8021B	
Xylene (p/m)	ND	0.00220	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:30	EPA 8021B	
Xylene (o)	ND	0.00110	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:30	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 05:30*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 05:30*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**192**	1.10	mg/kg dry	1	P2C2508	03/25/22 12:12	03/25/22 20:32	EPA 300.0	
% Moisture	**9.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.5	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 14:24	TPH 8015M	
>C12-C28	ND	27.5	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 14:24	TPH 8015M	
>C28-C35	ND	27.5	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 14:24	TPH 8015M	
Surrogate: 1-Chlorooctane		*92.2 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 14:24*	*TPH 8015M*	
Surrogate: o-Terphenyl		*101 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 14:24*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.5	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 14:24	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-20 1.0'

2C21006-73 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:51	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:51	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:51	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:51	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 05:51	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*100 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 05:51*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 05:51*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**641**	1.05	mg/kg dry	1	P2C2508	03/25/22 12:12	03/25/22 20:48	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 14:45	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 14:45	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 14:45	TPH 8015M	
Surrogate: 1-Chlorooctane		*96.2 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 14:45*	*TPH 8015M*	
Surrogate: o-Terphenyl		*104 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 14:45*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 14:45	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-20 3.0'

2C21006-74 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 06:12	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 06:12	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 06:12	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 06:12	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 06:12	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*98.2 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 06:12*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 06:12*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**124**	1.06	mg/kg dry	1	P2C2508	03/25/22 12:12	03/25/22 21:03	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 15:51	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 15:51	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 15:51	TPH 8015M	
Surrogate: 1-Chlorooctane		*93.0 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 15:51*	*TPH 8015M*	
Surrogate: o-Terphenyl		*99.7 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 15:51*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 15:51	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-20 5.0'

2C21006-75 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 06:33	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 06:33	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 06:33	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 06:33	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2513	03/25/22 15:50	03/26/22 06:33	EPA 8021B	
Surrogate: 1,4-Difluorobenzene		*101 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 06:33*	*EPA 8021B*	
Surrogate: 4-Bromofluorobenzene		*97.5 %*	*80-120*		*P2C2513*	*03/25/22 15:50*	*03/26/22 06:33*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**51.9**	1.05	mg/kg dry	1	P2C2508	03/25/22 12:12	03/25/22 21:18	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 16:13	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 16:13	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 16:13	TPH 8015M	
Surrogate: 1-Chlorooctane		*85.4 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 16:13*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.3 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 16:13*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 16:13	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-20 10.0'

2C21006-76 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00109	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 19:56	EPA 8021B	
Toluene	ND	0.00109	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 19:56	EPA 8021B	
Ethylbenzene	ND	0.00109	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 19:56	EPA 8021B	
Xylene (p/m)	ND	0.00217	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 19:56	EPA 8021B	
Xylene (o)	ND	0.00109	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 19:56	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*106 %*	*80-120*		*P2C2807*	*03/28/22 14:23*	*03/28/22 19:56*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2807*	*03/28/22 14:23*	*03/28/22 19:56*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**17.5**	1.09	mg/kg dry	1	P2C2508	03/25/22 12:12	03/25/22 21:33	EPA 300.0	
% Moisture	**8.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	27.2	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 16:35	TPH 8015M	
>C12-C28	ND	27.2	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 16:35	TPH 8015M	
>C28-C35	ND	27.2	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 16:35	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.4 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 16:35*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.0 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 16:35*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	27.2	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 16:35	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-21 0.5'

2C21006-77 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00104	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 20:17	EPA 8021B	
Toluene	ND	0.00104	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 20:17	EPA 8021B	
Ethylbenzene	ND	0.00104	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 20:17	EPA 8021B	
Xylene (p/m)	ND	0.00208	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 20:17	EPA 8021B	
Xylene (o)	ND	0.00104	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 20:17	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P2C2807*	*03/28/22 14:23*	*03/28/22 20:17*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2807*	*03/28/22 14:23*	*03/28/22 20:17*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**31.0**	1.04	mg/kg dry	1	P2C2508	03/25/22 12:12	03/25/22 22:19	EPA 300.0	
% Moisture	**4.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.0	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 16:57	TPH 8015M	
>C12-C28	**62.9**	26.0	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 16:57	TPH 8015M	
>C28-C35	ND	26.0	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 16:57	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.9 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 16:57*	*TPH 8015M*	
Surrogate: o-Terphenyl		*97.9 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 16:57*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	**62.9**	26.0	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 16:57	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-21 1.0'

2C21006-78 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00105	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 20:39	EPA 8021B	
Toluene	ND	0.00105	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 20:39	EPA 8021B	
Ethylbenzene	ND	0.00105	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 20:39	EPA 8021B	
Xylene (p/m)	ND	0.00211	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 20:39	EPA 8021B	
Xylene (o)	ND	0.00105	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 20:39	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*101 %*	*80-120*		*P2C2807*	*03/28/22 14:23*	*03/28/22 20:39*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*103 %*	*80-120*		*P2C2807*	*03/28/22 14:23*	*03/28/22 20:39*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**27.4**	1.05	mg/kg dry	1	P2C2508	03/25/22 12:12	03/25/22 23:05	EPA 300.0	
% Moisture	**5.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 17:19	TPH 8015M	
>C12-C28	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 17:19	TPH 8015M	
>C28-C35	ND	26.3	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 17:19	TPH 8015M	
Surrogate: 1-Chlorooctane		*88.7 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 17:19*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.6 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 17:19*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.3	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 17:19	calc	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

S-21 3.0'

2C21006-79 (Soil)

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
BTEX by 8021B									
Benzene	ND	0.00106	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 21:00	EPA 8021B	
Toluene	ND	0.00106	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 21:00	EPA 8021B	
Ethylbenzene	ND	0.00106	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 21:00	EPA 8021B	
Xylene (p/m)	ND	0.00213	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 21:00	EPA 8021B	
Xylene (o)	ND	0.00106	mg/kg dry	1	P2C2807	03/28/22 14:23	03/28/22 21:00	EPA 8021B	
Surrogate: 4-Bromofluorobenzene		*103 %*	*80-120*		*P2C2807*	*03/28/22 14:23*	*03/28/22 21:00*	*EPA 8021B*	
Surrogate: 1,4-Difluorobenzene		*102 %*	*80-120*		*P2C2807*	*03/28/22 14:23*	*03/28/22 21:00*	*EPA 8021B*	
General Chemistry Parameters by EPA / Standard Methods									
Chloride	**16.5**	1.06	mg/kg dry	1	P2C2508	03/25/22 12:12	03/25/22 23:20	EPA 300.0	
% Moisture	**6.0**	0.1	%	1	P2C2413	03/24/22 16:21	03/24/22 16:29	ASTM D2216	
Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M									
C6-C12	ND	26.6	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 17:41	TPH 8015M	
>C12-C28	ND	26.6	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 17:41	TPH 8015M	
>C28-C35	ND	26.6	mg/kg dry	1	P2C2407	03/24/22 12:00	03/26/22 17:41	TPH 8015M	
Surrogate: 1-Chlorooctane		*89.2 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 17:41*	*TPH 8015M*	
Surrogate: o-Terphenyl		*96.0 %*	*70-130*		*P2C2407*	*03/24/22 12:00*	*03/26/22 17:41*	*TPH 8015M*	
Total Petroleum Hydrocarbon C6-C35	ND	26.6	mg/kg dry	1	[CALC]	03/24/22 12:00	03/26/22 17:41	calc	

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2306 - General Preparation (GC)										
Blank (P2C2306-BLK1)				Prepared: 03/23/22 Analyzed: 03/24/22						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.7*	*80-120*			
LCS (P2C2306-BS1)				Prepared: 03/23/22 Analyzed: 03/24/22						
Benzene	0.114	0.00100	mg/kg wet	0.100		114	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		118	80-120			
Xylene (o)	0.111	0.00100	"	0.100		111	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
LCS Dup (P2C2306-BSD1)				Prepared: 03/23/22 Analyzed: 03/24/22						
Benzene	0.113	0.00100	mg/kg wet	0.100		113	80-120	1.12	20	
Toluene	0.108	0.00100	"	0.100		108	80-120	1.61	20	
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120	1.68	20	
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120	1.55	20	
Xylene (o)	0.109	0.00100	"	0.100		109	80-120	2.46	20	
Surrogate: 1,4-Difluorobenzene	*0.126*		"	*0.120*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
Calibration Check (P2C2306-CCV1)				Prepared & Analyzed: 03/23/22						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.117	0.00100	"	0.100		117	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120			
Xylene (o)	0.118	0.00100	"	0.100		118	80-120			
Surrogate: 1,4-Difluorobenzene	*0.127*		"	*0.120*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*103*	*75-125*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2306 - General Preparation (GC)										
Calibration Check (P2C2306-CCV2)				Prepared: 03/23/22 Analyzed: 03/24/22						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*98.4*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*75-125*			
Calibration Check (P2C2306-CCV3)				Prepared: 03/23/22 Analyzed: 03/24/22						
Benzene	0.116	0.00100	mg/kg wet	0.100		116	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.232	0.00200	"	0.200		116	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*75-125*			
Matrix Spike (P2C2306-MS1)		**Source: 2C21005-46**		Prepared: 03/23/22 Analyzed: 03/24/22						
Benzene	0.103	0.00108	mg/kg dry	0.108	ND	95.6	80-120			
Toluene	0.0952	0.00108	"	0.108	ND	88.5	80-120			
Ethylbenzene	0.106	0.00108	"	0.108	ND	98.4	80-120			
Xylene (p/m)	0.193	0.00215	"	0.215	ND	89.9	80-120			
Xylene (o)	0.0894	0.00108	"	0.108	ND	83.2	80-120			
Surrogate: 1,4-Difluorobenzene	*0.134*		"	*0.129*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.134*		"	*0.129*		*104*	*80-120*			
Matrix Spike Dup (P2C2306-MSD1)		**Source: 2C21005-46**		Prepared: 03/23/22 Analyzed: 03/24/22						
Benzene	0.104	0.00108	mg/kg dry	0.108	ND	96.7	80-120	1.11	20	
Toluene	0.0979	0.00108	"	0.108	ND	91.0	80-120	2.82	20	
Ethylbenzene	0.108	0.00108	"	0.108	ND	100	80-120	1.77	20	
Xylene (p/m)	0.199	0.00215	"	0.215	ND	92.4	80-120	2.65	20	
Xylene (o)	0.0923	0.00108	"	0.108	ND	85.9	80-120	3.19	20	
Surrogate: 4-Bromofluorobenzene	*0.135*		"	*0.129*		*104*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.136*		"	*0.129*		*105*	*80-120*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2401 - General Preparation (GC)										
Blank (P2C2401-BLK1)				Prepared & Analyzed: 03/24/22						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
LCS (P2C2401-BS1)				Prepared & Analyzed: 03/24/22						
Benzene	0.0935	0.00100	mg/kg wet	0.100		93.5	80-120			
Toluene	0.0904	0.00100	"	0.100		90.4	80-120			
Ethylbenzene	0.107	0.00100	"	0.100		107	80-120			
Xylene (p/m)	0.201	0.00200	"	0.200		100	80-120			
Xylene (o)	0.0923	0.00100	"	0.100		92.3	80-120			
Surrogate: 1,4-Difluorobenzene	*0.126*		"	*0.120*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.127*		"	*0.120*		*106*	*80-120*			
LCS Dup (P2C2401-BSD1)				Prepared & Analyzed: 03/24/22						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120	7.90	20	
Toluene	0.0974	0.00100	"	0.100		97.4	80-120	7.48	20	
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120	6.74	20	
Xylene (p/m)	0.216	0.00200	"	0.200		108	80-120	7.13	20	
Xylene (o)	0.0988	0.00100	"	0.100		98.8	80-120	6.81	20	
Surrogate: 1,4-Difluorobenzene	*0.126*		"	*0.120*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Calibration Check (P2C2401-CCV1)				Prepared & Analyzed: 03/24/22						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.100	0.00100	"	0.100		100	80-120			
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120			
Xylene (p/m)	0.220	0.00200	"	0.200		110	80-120			
Xylene (o)	0.102	0.00100	"	0.100		102	80-120			
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*103*	*75-125*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2401 - General Preparation (GC)										
Calibration Check (P2C2401-CCV2)				Prepared & Analyzed: 03/24/22						
Benzene	0.115	0.00100	mg/kg wet	0.100		115	80-120			
Toluene	0.109	0.00100	"	0.100		109	80-120			
Ethylbenzene	0.116	0.00100	"	0.100		116	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120			
Xylene (o)	0.112	0.00100	"	0.100		112	80-120			
Surrogate: 4-Bromofluorobenzene	*0.125*		*"*	*0.120*		*104*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		*"*	*0.120*		*105*	*75-125*			
Calibration Check (P2C2401-CCV3)				Prepared & Analyzed: 03/24/22						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.118*		*"*	*0.120*		*97.9*	*75-125*			
Matrix Spike (P2C2401-MS1)		**Source: 2C21006-05**		Prepared & Analyzed: 03/24/22						
Benzene	0.104	0.00104	mg/kg dry	0.104	ND	100	80-120			
Toluene	0.0975	0.00104	"	0.104	ND	93.6	80-120			
Ethylbenzene	0.110	0.00104	"	0.104	ND	105	80-120			
Xylene (p/m)	0.206	0.00208	"	0.208	ND	98.8	80-120			
Xylene (o)	0.0959	0.00104	"	0.104	ND	92.0	80-120			
Surrogate: 1,4-Difluorobenzene	*0.135*		*"*	*0.125*		*108*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.136*		*"*	*0.125*		*108*	*80-120*			
Matrix Spike Dup (P2C2401-MSD1)		**Source: 2C21006-05**		Prepared & Analyzed: 03/24/22						
Benzene	0.103	0.00104	mg/kg dry	0.104	ND	98.5	80-120	1.51	20	
Toluene	0.0947	0.00104	"	0.104	ND	90.9	80-120	2.96	20	
Ethylbenzene	0.106	0.00104	"	0.104	ND	102	80-120	3.66	20	
Xylene (p/m)	0.197	0.00208	"	0.208	ND	94.7	80-120	4.22	20	
Xylene (o)	0.0918	0.00104	"	0.104	ND	88.1	80-120	4.33	20	
Surrogate: 1,4-Difluorobenzene	*0.131*		*"*	*0.125*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.133*		*"*	*0.125*		*106*	*80-120*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

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Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2402 - General Preparation (GC)										
Blank (P2C2402-BLK1)				Prepared & Analyzed: 03/24/22						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.119*		"	*0.120*		*99.4*	*80-120*			
LCS (P2C2402-BS1)				Prepared & Analyzed: 03/24/22						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.219	0.00200	"	0.200		109	80-120			
Xylene (o)	0.103	0.00100	"	0.100		103	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
LCS Dup (P2C2402-BSD1)				Prepared & Analyzed: 03/24/22						
Benzene	0.111	0.00100	mg/kg wet	0.100		111	80-120	2.92	20	
Toluene	0.107	0.00100	"	0.100		107	80-120	3.77	20	
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120	1.39	20	
Xylene (p/m)	0.229	0.00200	"	0.200		115	80-120	4.70	20	
Xylene (o)	0.107	0.00100	"	0.100		107	80-120	4.33	20	
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Calibration Check (P2C2402-CCV1)				Prepared & Analyzed: 03/24/22						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		119	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	*0.118*		"	*0.120*		*97.9*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*101*	*75-125*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2402 - General Preparation (GC)										
Calibration Check (P2C2402-CCV2)				Prepared: 03/24/22 Analyzed: 03/25/22						
Benzene	0.117	0.00100	mg/kg wet	0.100		117	80-120			
Toluene	0.113	0.00100	"	0.100		113	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		119	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*99.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.8*	*75-125*			
Calibration Check (P2C2402-CCV3)				Prepared: 03/24/22 Analyzed: 03/25/22						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	80-120			
Toluene	0.120	0.00100	"	0.100		120	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*101*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*100*	*75-125*			
Matrix Spike (P2C2402-MS1)		**Source: 2C21006-25**		Prepared: 03/24/22 Analyzed: 03/25/22						
Benzene	0.102	0.00106	mg/kg dry	0.106	ND	95.6	80-120			
Toluene	0.0796	0.00106	"	0.106	ND	74.8	80-120			QM-05
Ethylbenzene	0.0690	0.00106	"	0.106	ND	64.8	80-120			QM-05
Xylene (p/m)	0.108	0.00213	"	0.213	0.00248	49.6	80-120			QM-05
Xylene (o)	0.0594	0.00106	"	0.106	0.00106	54.9	80-120			QM-05
Surrogate: 4-Bromofluorobenzene	*0.128*		"	*0.128*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.136*		"	*0.128*		*106*	*80-120*			
Matrix Spike Dup (P2C2402-MSD1)		**Source: 2C21006-25**		Prepared: 03/24/22 Analyzed: 03/25/22						
Benzene	0.102	0.00106	mg/kg dry	0.106	ND	95.6	80-120	0.0104	20	
Toluene	0.0810	0.00106	"	0.106	ND	76.2	80-120	1.79	20	QM-05
Ethylbenzene	0.0698	0.00106	"	0.106	ND	65.6	80-120	1.21	20	QM-05
Xylene (p/m)	0.108	0.00213	"	0.213	0.00248	49.4	80-120	0.323	20	QM-05
Xylene (o)	0.0605	0.00106	"	0.106	0.00106	55.8	80-120	1.75	20	QM-05
Surrogate: 4-Bromofluorobenzene	*0.127*		"	*0.128*		*99.4*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.137*		"	*0.128*		*108*	*80-120*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2507 - General Preparation (GC)										
Blank (P2C2507-BLK1)				Prepared & Analyzed: 03/25/22						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
LCS (P2C2507-BS1)				Prepared & Analyzed: 03/25/22						
Benzene	0.0952	0.00100	mg/kg wet	0.100		95.2	80-120			
Toluene	0.0973	0.00100	"	0.100		97.3	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.214	0.00200	"	0.200		107	80-120			
Xylene (o)	0.100	0.00100	"	0.100		100	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*104*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.124*		"	*0.120*		*103*	*80-120*			
LCS Dup (P2C2507-BSD1)				Prepared & Analyzed: 03/25/22						
Benzene	0.0966	0.00100	mg/kg wet	0.100		96.6	80-120	1.41	20	
Toluene	0.100	0.00100	"	0.100		100	80-120	2.91	20	
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120	5.07	20	
Xylene (p/m)	0.225	0.00200	"	0.200		112	80-120	5.11	20	
Xylene (o)	0.103	0.00100	"	0.100		103	80-120	2.91	20	
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.129*		"	*0.120*		*107*	*80-120*			
Calibration Check (P2C2507-CCV1)				Prepared & Analyzed: 03/25/22						
Benzene	0.101	0.00100	mg/kg wet	0.100		101	80-120			
Toluene	0.101	0.00100	"	0.100		101	80-120			
Ethylbenzene	0.110	0.00100	"	0.100		110	80-120			
Xylene (p/m)	0.222	0.00200	"	0.200		111	80-120			
Xylene (o)	0.104	0.00100	"	0.100		104	80-120			
Surrogate: 4-Bromofluorobenzene	*0.127*		"	*0.120*		*106*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.126*		"	*0.120*		*105*	*75-125*			

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P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2507 - General Preparation (GC)										
Calibration Check (P2C2507-CCV2)				Prepared & Analyzed: 03/25/22						
Benzene	0.108	0.00100	mg/kg wet	0.100		108	80-120			
Toluene	0.110	0.00100	"	0.100		110	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.234	0.00200	"	0.200		117	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	*0.130*		"	*0.120*		*109*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*104*	*75-125*			
Calibration Check (P2C2507-CCV3)				Prepared & Analyzed: 03/25/22						
Benzene	0.117	0.00100	mg/kg wet	0.100		117	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*98.9*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.6*	*75-125*			
Matrix Spike (P2C2507-MS1)		**Source: 2C25005-01**		Prepared & Analyzed: 03/25/22						
Benzene	0.0983	0.00102	mg/kg dry	0.102	0.00546	91.0	80-120			
Toluene	0.113	0.00102	"	0.102	0.0286	82.3	80-120			
Ethylbenzene	0.106	0.00102	"	0.102	0.0116	92.9	80-120			
Xylene (p/m)	0.188	0.00204	"	0.204	0.0127	86.1	80-120			
Xylene (o)	0.0867	0.00102	"	0.102	0.00346	81.6	80-120			
Surrogate: 1,4-Difluorobenzene	*0.128*		"	*0.122*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.128*		"	*0.122*		*104*	*80-120*			
Matrix Spike Dup (P2C2507-MSD1)		**Source: 2C25005-01**		Prepared & Analyzed: 03/25/22						
Benzene	0.0962	0.00102	mg/kg dry	0.102	0.00546	89.0	80-120	2.27	20	
Toluene	0.108	0.00102	"	0.102	0.0286	77.6	80-120	5.81	20	QM-05
Ethylbenzene	0.105	0.00102	"	0.102	0.0116	91.5	80-120	1.54	20	
Xylene (p/m)	0.187	0.00204	"	0.204	0.0127	85.4	80-120	0.839	20	
Xylene (o)	0.0862	0.00102	"	0.102	0.00346	81.1	80-120	0.664	20	
Surrogate: 4-Bromofluorobenzene	*0.128*		"	*0.122*		*105*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.130*		"	*0.122*		*106*	*80-120*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2513 - General Preparation (GC)										
Blank (P2C2513-BLK1)				Prepared: 03/25/22 Analyzed: 03/26/22						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
LCS (P2C2513-BS1)				Prepared & Analyzed: 03/25/22						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.104	0.00100	"	0.100		104	80-120			
Ethylbenzene	0.117	0.00100	"	0.100		117	80-120			
Xylene (p/m)	0.226	0.00200	"	0.200		113	80-120			
Xylene (o)	0.107	0.00100	"	0.100		107	80-120			
Surrogate: 4-Bromofluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*102*	*80-120*			
LCS Dup (P2C2513-BSD1)				Prepared & Analyzed: 03/25/22						
Benzene	0.0948	0.00100	mg/kg wet	0.100		94.8	80-120	7.86	20	
Toluene	0.0941	0.00100	"	0.100		94.1	80-120	10.1	20	
Ethylbenzene	0.109	0.00100	"	0.100		109	80-120	6.32	20	
Xylene (p/m)	0.204	0.00200	"	0.200		102	80-120	10.5	20	
Xylene (o)	0.0968	0.00100	"	0.100		96.8	80-120	10.3	20	
Surrogate: 1,4-Difluorobenzene	*0.125*		"	*0.120*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.126*		"	*0.120*		*105*	*80-120*			
Calibration Check (P2C2513-CCV1)				Prepared & Analyzed: 03/25/22						
Benzene	0.117	0.00100	mg/kg wet	0.100		117	80-120			
Toluene	0.114	0.00100	"	0.100		114	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.239	0.00200	"	0.200		120	80-120			
Xylene (o)	0.116	0.00100	"	0.100		116	80-120			
Surrogate: 4-Bromofluorobenzene	*0.115*		"	*0.120*		*95.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.119*		"	*0.120*		*98.9*	*75-125*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2513 - General Preparation (GC)										
Calibration Check (P2C2513-CCV2)				Prepared: 03/25/22 Analyzed: 03/26/22						
Benzene	0.119	0.00100	mg/kg wet	0.100		119	80-120			
Toluene	0.118	0.00100	"	0.100		118	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.238	0.00200	"	0.200		119	80-120			
Xylene (o)	0.119	0.00100	"	0.100		119	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		*"*	*0.120*		*101*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.122*		*"*	*0.120*		*102*	*75-125*			
Calibration Check (P2C2513-CCV3)				Prepared: 03/25/22 Analyzed: 03/26/22						
Benzene	0.120	0.00100	mg/kg wet	0.100		120	80-120			
Toluene	0.119	0.00100	"	0.100		119	80-120			
Ethylbenzene	0.119	0.00100	"	0.100		119	80-120			
Xylene (p/m)	0.235	0.00200	"	0.200		117	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 1,4-Difluorobenzene	*0.119*		*"*	*0.120*		*99.4*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.113*		*"*	*0.120*		*93.9*	*75-125*			
Matrix Spike (P2C2513-MS1)		**Source: 2C21006-60**		Prepared: 03/25/22 Analyzed: 03/26/22						
Benzene	0.0932	0.00102	mg/kg dry	0.102	ND	91.4	80-120			
Toluene	0.0923	0.00102	"	0.102	ND	90.5	80-120			
Ethylbenzene	0.102	0.00102	"	0.102	ND	100	80-120			
Xylene (p/m)	0.189	0.00204	"	0.204	ND	92.5	80-120			
Xylene (o)	0.0910	0.00102	"	0.102	ND	89.2	80-120			
Surrogate: 1,4-Difluorobenzene	*0.130*		*"*	*0.122*		*106*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.132*		*"*	*0.122*		*108*	*80-120*			
Matrix Spike Dup (P2C2513-MSD1)		**Source: 2C21006-60**		Prepared: 03/25/22 Analyzed: 03/26/22						
Benzene	0.102	0.00102	mg/kg dry	0.102	ND	99.7	80-120	8.74	20	
Toluene	0.0992	0.00102	"	0.102	ND	97.2	80-120	7.13	20	
Ethylbenzene	0.111	0.00102	"	0.102	ND	108	80-120	7.81	20	
Xylene (p/m)	0.204	0.00204	"	0.204	ND	99.8	80-120	7.52	20	
Xylene (o)	0.0966	0.00102	"	0.102	ND	94.7	80-120	5.98	20	
Surrogate: 1,4-Difluorobenzene	*0.128*		*"*	*0.122*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.129*		*"*	*0.122*		*105*	*80-120*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2807 - General Preparation (GC)										
Blank (P2C2807-BLK1)				Prepared & Analyzed: 03/28/22						
Benzene	ND	0.00100	mg/kg wet							
Toluene	ND	0.00100	"							
Ethylbenzene	ND	0.00100	"							
Xylene (p/m)	ND	0.00200	"							
Xylene (o)	ND	0.00100	"							
Surrogate: 4-Bromofluorobenzene	*0.120*		"	*0.120*		*100*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
LCS (P2C2807-BS1)				Prepared & Analyzed: 03/28/22						
Benzene	0.0887	0.00100	mg/kg wet	0.100		88.7	80-120			
Toluene	0.0850	0.00100	"	0.100		85.0	80-120			
Ethylbenzene	0.101	0.00100	"	0.100		101	80-120			
Xylene (p/m)	0.190	0.00200	"	0.200		95.1	80-120			
Xylene (o)	0.0843	0.00100	"	0.100		84.3	80-120			
Surrogate: 4-Bromofluorobenzene	*0.121*		"	*0.120*		*101*	*80-120*			
Surrogate: 1,4-Difluorobenzene	*0.122*		"	*0.120*		*101*	*80-120*			
LCS Dup (P2C2807-BSD1)				Prepared & Analyzed: 03/28/22						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120	14.5	20	
Toluene	0.0997	0.00100	"	0.100		99.7	80-120	16.0	20	
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120	15.3	20	
Xylene (p/m)	0.222	0.00200	"	0.200		111	80-120	15.3	20	
Xylene (o)	0.102	0.00100	"	0.100		102	80-120	18.5	20	
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.125*		"	*0.120*		*105*	*80-120*			
Calibration Check (P2C2807-CCV1)				Prepared & Analyzed: 03/28/22						
Benzene	0.102	0.00100	mg/kg wet	0.100		102	80-120			
Toluene	0.103	0.00100	"	0.100		103	80-120			
Ethylbenzene	0.114	0.00100	"	0.100		114	80-120			
Xylene (p/m)	0.230	0.00200	"	0.200		115	80-120			
Xylene (o)	0.106	0.00100	"	0.100		106	80-120			
Surrogate: 4-Bromofluorobenzene	*0.117*		"	*0.120*		*97.6*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.120*		"	*0.120*		*99.7*	*75-125*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

BTEX by 8021B - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2807 - General Preparation (GC)										
Calibration Check (P2C2807-CCV2)				Prepared & Analyzed: 03/28/22						
Benzene	0.111	0.00100	mg/kg wet	0.100		111	80-120			
Toluene	0.112	0.00100	"	0.100		112	80-120			
Ethylbenzene	0.120	0.00100	"	0.100		120	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		119	80-120			
Xylene (o)	0.117	0.00100	"	0.100		117	80-120			
Surrogate: 1,4-Difluorobenzene	*0.126*		"	*0.120*		*105*	*75-125*			
Surrogate: 4-Bromofluorobenzene	*0.126*		"	*0.120*		*105*	*75-125*			
Calibration Check (P2C2807-CCV3)				Prepared: 03/28/22 Analyzed: 03/29/22						
Benzene	0.111	0.00100	mg/kg wet	0.100		111	80-120			
Toluene	0.111	0.00100	"	0.100		111	80-120			
Ethylbenzene	0.118	0.00100	"	0.100		118	80-120			
Xylene (p/m)	0.237	0.00200	"	0.200		118	80-120			
Xylene (o)	0.115	0.00100	"	0.100		115	80-120			
Surrogate: 4-Bromofluorobenzene	*0.124*		"	*0.120*		*103*	*75-125*			
Surrogate: 1,4-Difluorobenzene	*0.123*		"	*0.120*		*103*	*75-125*			
Matrix Spike (P2C2807-MS1)		**Source: 2C24003-01**		Prepared: 03/28/22 Analyzed: 03/29/22						
Benzene	0.0969	0.00114	mg/kg dry	0.114	ND	85.3	80-120			
Toluene	0.0938	0.00114	"	0.114	ND	82.5	80-120			
Ethylbenzene	0.100	0.00114	"	0.114	ND	88.0	80-120			
Xylene (p/m)	0.185	0.00227	"	0.227	ND	81.4	80-120			
Xylene (o)	0.0892	0.00114	"	0.114	ND	78.5	80-120			QM-05
Surrogate: 1,4-Difluorobenzene	*0.142*		"	*0.136*		*104*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.143*		"	*0.136*		*105*	*80-120*			
Matrix Spike Dup (P2C2807-MSD1)		**Source: 2C24003-01**		Prepared: 03/28/22 Analyzed: 03/29/22						
Benzene	0.0989	0.00114	mg/kg dry	0.114	ND	87.0	80-120	2.03	20	
Toluene	0.0983	0.00114	"	0.114	ND	86.5	80-120	4.73	20	
Ethylbenzene	0.106	0.00114	"	0.114	ND	93.5	80-120	6.07	20	
Xylene (p/m)	0.198	0.00227	"	0.227	ND	87.3	80-120	7.06	20	
Xylene (o)	0.0957	0.00114	"	0.114	ND	84.2	80-120	7.10	20	
Surrogate: 1,4-Difluorobenzene	*0.143*		"	*0.136*		*105*	*80-120*			
Surrogate: 4-Bromofluorobenzene	*0.146*		"	*0.136*		*107*	*80-120*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2312 - * DEFAULT PREP *** **										
Blank (P2C2312-BLK1)				Prepared & Analyzed: 03/23/22						
Chloride	ND	1.00	mg/kg wet							
LCS (P2C2312-BS1)				Prepared & Analyzed: 03/23/22						
Chloride	40.5		mg/kg	40.0		101	90-110			
LCS Dup (P2C2312-BSD1)				Prepared & Analyzed: 03/23/22						
Chloride	39.8		mg/kg	40.0		99.5	90-110	1.73	10	
Calibration Check (P2C2312-CCV1)				Prepared: 03/23/22 Analyzed: 03/24/22						
Chloride	19.3		mg/kg	20.0		96.6	90-110			
Calibration Check (P2C2312-CCV2)				Prepared: 03/23/22 Analyzed: 03/24/22						
Chloride	19.3		mg/kg	20.0		96.5	90-110			
Calibration Check (P2C2312-CCV3)				Prepared: 03/23/22 Analyzed: 03/24/22						
Chloride	19.1		mg/kg	20.0		95.7	90-110			
Matrix Spike (P2C2312-MS1)		**Source: 2C23003-01**		Prepared: 03/23/22 Analyzed: 03/24/22						
Chloride	1930	1.12	mg/kg dry	281	672	448	80-120			QM-05
Matrix Spike (P2C2312-MS2)		**Source: 2C21006-02**		Prepared: 03/23/22 Analyzed: 03/24/22						
Chloride	591	1.12	mg/kg dry	281	323	95.5	80-120			
Matrix Spike Dup (P2C2312-MSD1)		**Source: 2C23003-01**		Prepared: 03/23/22 Analyzed: 03/24/22						
Chloride	1730	1.12	mg/kg dry	281	672	377	80-120	10.9	20	QM-05
Matrix Spike Dup (P2C2312-MSD2)		**Source: 2C21006-02**		Prepared: 03/23/22 Analyzed: 03/24/22						
Chloride	561	1.12	mg/kg dry	281	323	84.7	80-120	5.25	20	

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Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2403 - * DEFAULT PREP *** **										
Blank (P2C2403-BLK1)				Prepared & Analyzed: 03/24/22						
% Moisture	ND	0.1	%							
Blank (P2C2403-BLK2)				Prepared & Analyzed: 03/24/22						
% Moisture	ND	0.1	%							
Duplicate (P2C2403-DUP1)		**Source: 2C21006-10**		Prepared & Analyzed: 03/24/22						
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P2C2403-DUP2)		**Source: 2C21006-20**		Prepared & Analyzed: 03/24/22						
% Moisture	6.0	0.1	%		6.0			0.00	20	
Duplicate (P2C2403-DUP3)		**Source: 2C23003-02**		Prepared & Analyzed: 03/24/22						
% Moisture	8.0	0.1	%		8.0			0.00	20	
Batch P2C2408 - * DEFAULT PREP *** **										
Blank (P2C2408-BLK1)				Prepared & Analyzed: 03/24/22						
Chloride	ND	1.00	mg/kg wet							
LCS (P2C2408-BS1)				Prepared & Analyzed: 03/24/22						
Chloride	41.2		mg/kg	40.0		103	90-110			
LCS Dup (P2C2408-BSD1)				Prepared & Analyzed: 03/24/22						
Chloride	41.9		mg/kg	40.0		105	90-110	1.54	10	
Calibration Blank (P2C2408-CCB1)				Prepared & Analyzed: 03/24/22						
Chloride	0.0940		mg/kg wet							

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2408 - * DEFAULT PREP *** **										
Calibration Blank (P2C2408-CCB2)				Prepared & Analyzed: 03/24/22						
Chloride	0.00		mg/kg wet							
Calibration Check (P2C2408-CCV1)				Prepared & Analyzed: 03/24/22						
Chloride	20.9		mg/kg	20.0		105	90-110			
Calibration Check (P2C2408-CCV2)				Prepared & Analyzed: 03/24/22						
Chloride	21.5		mg/kg	20.0		107	90-110			
Calibration Check (P2C2408-CCV3)				Prepared & Analyzed: 03/24/22						
Chloride	22.0		mg/kg	20.0		110	90-110			
Matrix Spike (P2C2408-MS1)		**Source: 2C21006-12**		Prepared & Analyzed: 03/24/22						
Chloride	316	1.03	mg/kg dry	258	63.1	98.2	80-120			
Matrix Spike (P2C2408-MS2)		**Source: 2C21006-22**		Prepared & Analyzed: 03/24/22						
Chloride	340	1.12	mg/kg dry	281	60.2	99.7	80-120			
Matrix Spike Dup (P2C2408-MSD1)		**Source: 2C21006-12**		Prepared & Analyzed: 03/24/22						
Chloride	319	1.03	mg/kg dry	258	63.1	99.1	80-120	0.757	20	
Matrix Spike Dup (P2C2408-MSD2)		**Source: 2C21006-22**		Prepared & Analyzed: 03/24/22						
Chloride	331	1.12	mg/kg dry	281	60.2	96.5	80-120	2.68	20	
Batch P2C2409 - * DEFAULT PREP *** **										
Blank (P2C2409-BLK1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	ND	1.00	mg/kg wet							

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2409 - * DEFAULT PREP *** **										
LCS (P2C2409-BS1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	42.5		mg/kg	40.0		106	90-110			
LCS Dup (P2C2409-BSD1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	42.3		mg/kg	40.0		106	90-110	0.337	10	
Calibration Blank (P2C2409-CCB1)				Prepared & Analyzed: 03/24/22						
Chloride	0.0900		mg/kg wet							
Calibration Blank (P2C2409-CCB2)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	0.00		mg/kg wet							
Calibration Check (P2C2409-CCV1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	21.3		mg/kg	20.0		107	90-110			
Calibration Check (P2C2409-CCV2)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	21.0		mg/kg	20.0		105	90-110			
Calibration Check (P2C2409-CCV3)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	20.6		mg/kg	20.0		103	90-110			
Matrix Spike (P2C2409-MS1)		**Source: 2C21006-32**		Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	555	1.05	mg/kg dry	263	305	95.0	80-120			
Matrix Spike (P2C2409-MS2)		**Source: 2C21006-42**		Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	313	1.15	mg/kg dry	287	34.4	97.0	80-120			
Matrix Spike Dup (P2C2409-MSD1)		**Source: 2C21006-32**		Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	538	1.05	mg/kg dry	263	305	88.4	80-120	3.19	20	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2409 - * DEFAULT PREP *** **										
Matrix Spike Dup (P2C2409-MSD2)	**Source: 2C21006-42**			Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	313	1.15	mg/kg dry	287	34.4	97.0	80-120	0.00368	20	
Batch P2C2410 - * DEFAULT PREP *** **										
Blank (P2C2410-BLK1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	ND	1.00	mg/kg wet							
LCS (P2C2410-BS1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	42.7		mg/kg	40.0		107	90-110			
LCS Dup (P2C2410-BSD1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	43.4		mg/kg	40.0		108	90-110	1.62	10	
Calibration Blank (P2C2410-CCB1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	0.0900		mg/kg wet							
Calibration Blank (P2C2410-CCB2)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	0.0790		mg/kg wet							
Calibration Check (P2C2410-CCV1)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	20.6		mg/kg	20.0		103	90-110			
Calibration Check (P2C2410-CCV2)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	21.2		mg/kg	20.0		106	90-110			
Calibration Check (P2C2410-CCV3)				Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	20.7		mg/kg	20.0		104	90-110			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2410 - * DEFAULT PREP *** **										
Matrix Spike (P2C2410-MS1)	**Source: 2C21006-52**			Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	406	1.14	mg/kg dry	284	142	93.2	80-120			
Matrix Spike (P2C2410-MS2)	**Source: 2C21006-62**			Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	320	1.06	mg/kg dry	266	45.3	103	80-120			
Matrix Spike Dup (P2C2410-MSD1)	**Source: 2C21006-52**			Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	424	1.14	mg/kg dry	284	142	99.5	80-120	4.30	20	
Matrix Spike Dup (P2C2410-MSD2)	**Source: 2C21006-62**			Prepared: 03/24/22 Analyzed: 03/25/22						
Chloride	313	1.06	mg/kg dry	266	45.3	101	80-120	2.01	20	
Batch P2C2413 - * DEFAULT PREP *** **										
Blank (P2C2413-BLK1)				Prepared & Analyzed: 03/24/22						
% Moisture	ND	0.1	%							
Blank (P2C2413-BLK2)				Prepared & Analyzed: 03/24/22						
% Moisture	ND	0.1	%							
Blank (P2C2413-BLK3)				Prepared & Analyzed: 03/24/22						
% Moisture	ND	0.1	%							
Duplicate (P2C2413-DUP1)	**Source: 2C21006-35**			Prepared & Analyzed: 03/24/22						
% Moisture	4.0	0.1	%		4.0			0.00	20	
Duplicate (P2C2413-DUP2)	**Source: 2C21006-45**			Prepared & Analyzed: 03/24/22						
% Moisture	10.0	0.1	%		10.0			0.00	20	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2413 - * DEFAULT PREP *** **										
Duplicate (P2C2413-DUP3)		**Source: 2C21006-60**		Prepared & Analyzed: 03/24/22						
% Moisture	2.0	0.1	%		2.0			0.00	20	
Duplicate (P2C2413-DUP4)		**Source: 2C21006-70**		Prepared & Analyzed: 03/24/22						
% Moisture	8.0	0.1	%		9.0			11.8	20	
Duplicate (P2C2413-DUP5)		**Source: 2C22002-06**		Prepared & Analyzed: 03/24/22						
% Moisture	5.0	0.1	%		5.0			0.00	20	
Duplicate (P2C2413-DUP6)		**Source: 2C22008-06**		Prepared & Analyzed: 03/24/22						
% Moisture	1.0	0.1	%		ND			200	20	R2
Batch P2C2508 - * DEFAULT PREP *** **										
Blank (P2C2508-BLK1)				Prepared & Analyzed: 03/25/22						
Chloride	ND	1.00	mg/kg wet							
LCS (P2C2508-BS1)				Prepared & Analyzed: 03/25/22						
Chloride	42.1		mg/kg	40.0		105	90-110			
LCS Dup (P2C2508-BSD1)				Prepared & Analyzed: 03/25/22						
Chloride	41.6		mg/kg	40.0		104	90-110	1.13	10	
Calibration Blank (P2C2508-CCB1)				Prepared & Analyzed: 03/25/22						
Chloride	0.100		mg/kg wet							
Calibration Blank (P2C2508-CCB2)				Prepared & Analyzed: 03/25/22						
Chloride	0.00		mg/kg wet							

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

General Chemistry Parameters by EPA / Standard Methods - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2508 - * DEFAULT PREP *** **										
Calibration Check (P2C2508-CCV1)				Prepared & Analyzed: 03/25/22						
Chloride	20.6		mg/kg	20.0		103	90-110			
Calibration Check (P2C2508-CCV2)				Prepared & Analyzed: 03/25/22						
Chloride	21.1		mg/kg	20.0		105	90-110			
Calibration Check (P2C2508-CCV3)				Prepared: 03/25/22 Analyzed: 03/28/22						
Chloride	21.3		mg/kg	20.0		106	90-110			
Matrix Spike (P2C2508-MS1)		**Source: 2C25001-27**		Prepared & Analyzed: 03/25/22						
Chloride	1950	5.32	mg/kg dry	266	1690	97.3	80-120			
Matrix Spike (P2C2508-MS2)		**Source: 2C21006-77**		Prepared & Analyzed: 03/25/22						
Chloride	48.8	1.04	mg/kg dry	260	31.0	6.84	80-120			
Matrix Spike Dup (P2C2508-MSD1)		**Source: 2C25001-27**		Prepared & Analyzed: 03/25/22						
Chloride	2240	5.32	mg/kg dry	266	1690	207	80-120	13.9	20	
Matrix Spike Dup (P2C2508-MSD2)		**Source: 2C21006-77**		Prepared & Analyzed: 03/25/22						
Chloride	42.8	1.04	mg/kg dry	260	31.0	4.53	80-120	13.1	20	

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2311 - * DEFAULT PREP *** **										
Blank (P2C2311-BLK1)				Prepared: 03/23/22 Analyzed: 03/25/22						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*102*		*"*	*100*		*102*	*70-130*			
Surrogate: o-Terphenyl	*55.3*		*"*	*50.0*		*111*	*70-130*			
LCS (P2C2311-BS1)				Prepared: 03/23/22 Analyzed: 03/25/22						
C6-C12	955	25.0	mg/kg wet	1000		95.5	75-125			
>C12-C28	936	25.0	"	1000		93.6	75-125			
Surrogate: 1-Chlorooctane	*126*		*"*	*100*		*126*	*70-130*			
Surrogate: o-Terphenyl	*61.4*		*"*	*50.0*		*123*	*70-130*			
LCS Dup (P2C2311-BSD1)				Prepared: 03/23/22 Analyzed: 03/25/22						
C6-C12	975	25.0	mg/kg wet	1000		97.5	75-125	2.04	20	
>C12-C28	971	25.0	"	1000		97.1	75-125	3.72	20	
Surrogate: 1-Chlorooctane	*129*		*"*	*100*		*129*	*70-130*			
Surrogate: o-Terphenyl	*64.0*		*"*	*50.0*		*128*	*70-130*			
Calibration Check (P2C2311-CCV1)				Prepared: 03/23/22 Analyzed: 03/24/22						
C6-C12	511	25.0	mg/kg wet	500		102	85-115			
>C12-C28	463	25.0	"	500		92.7	85-115			
Surrogate: 1-Chlorooctane	*117*		*"*	*100*		*117*	*70-130*			
Surrogate: o-Terphenyl	*56.3*		*"*	*50.0*		*113*	*70-130*			
Calibration Check (P2C2311-CCV2)				Prepared: 03/23/22 Analyzed: 03/25/22						
C6-C12	530	25.0	mg/kg wet	500		106	85-115			
>C12-C28	495	25.0	"	500		99.0	85-115			
Surrogate: 1-Chlorooctane	*123*		*"*	*100*		*123*	*70-130*			
Surrogate: o-Terphenyl	*61.9*		*"*	*50.0*		*124*	*70-130*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2311 - * DEFAULT PREP *** **										
Matrix Spike (P2C2311-MS1)	**Source: 2C21006-04**			Prepared: 03/23/22 Analyzed: 03/25/22						
C6-C12	974	29.1	mg/kg dry	1160	11.3	82.8	75-125			
>C12-C28	946	29.1	"	1160	ND	81.4	75-125			
Surrogate: 1-Chlorooctane	*121*		*"*	*116*		*104*	*70-130*			
Surrogate: o-Terphenyl	*57.4*		*"*	*58.1*		*98.7*	*70-130*			
Matrix Spike Dup (P2C2311-MSD1)	**Source: 2C21006-04**			Prepared: 03/23/22 Analyzed: 03/25/22						
C6-C12	979	29.1	mg/kg dry	1160	11.3	83.2	75-125	0.519	20	
>C12-C28	930	29.1	"	1160	ND	80.0	75-125	1.70	20	
Surrogate: 1-Chlorooctane	*119*		*"*	*116*		*102*	*70-130*			
Surrogate: o-Terphenyl	*55.0*		*"*	*58.1*		*94.6*	*70-130*			
Batch P2C2404 - * DEFAULT PREP *** **										
Blank (P2C2404-BLK1)				Prepared & Analyzed: 03/24/22						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*99.0*		*"*	*100*		*99.0*	*70-130*			
Surrogate: o-Terphenyl	*53.3*		*"*	*50.0*		*107*	*70-130*			
LCS (P2C2404-BS1)				Prepared & Analyzed: 03/24/22						
C6-C12	972	25.0	mg/kg wet	1000		97.2	75-125			
>C12-C28	946	25.0	"	1000		94.6	75-125			
Surrogate: 1-Chlorooctane	*107*		*"*	*100*		*107*	*70-130*			
Surrogate: o-Terphenyl	*64.1*		*"*	*50.0*		*128*	*70-130*			
LCS Dup (P2C2404-BSD1)				Prepared & Analyzed: 03/24/22						
C6-C12	969	25.0	mg/kg wet	1000		96.9	75-125	0.258	20	
>C12-C28	944	25.0	"	1000		94.4	75-125	0.123	20	
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*59.9*		*"*	*50.0*		*120*	*70-130*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2404 - * DEFAULT PREP *** **										
Calibration Check (P2C2404-CCV1)				Prepared & Analyzed: 03/24/22						
C6-C12	521	25.0	mg/kg wet	500		104	85-115			
>C12-C28	490	25.0	"	500		97.9	85-115			
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*56.6*		*"*	*50.0*		*113*	*70-130*			
Calibration Check (P2C2404-CCV2)				Prepared & Analyzed: 03/24/22						
C6-C12	518	25.0	mg/kg wet	500		104	85-115			
>C12-C28	498	25.0	"	500		99.6	85-115			
Surrogate: 1-Chlorooctane	*124*		*"*	*100*		*124*	*70-130*			
Surrogate: o-Terphenyl	*59.2*		*"*	*50.0*		*118*	*70-130*			
Matrix Spike (P2C2404-MS1)	**Source: 2C21006-24**			Prepared: 03/24/22 Analyzed: 03/25/22						
C6-C12	902	26.6	mg/kg dry	1060	17.3	83.1	75-125			
>C12-C28	915	26.6	"	1060	14.1	84.7	75-125			
Surrogate: 1-Chlorooctane	*124*		*"*	*106*		*116*	*70-130*			
Surrogate: o-Terphenyl	*56.0*		*"*	*53.2*		*105*	*70-130*			
Matrix Spike Dup (P2C2404-MSD1)	**Source: 2C21006-24**			Prepared: 03/24/22 Analyzed: 03/25/22						
C6-C12	870	26.6	mg/kg dry	1060	17.3	80.2	75-125	3.61	20	
>C12-C28	880	26.6	"	1060	14.1	81.4	75-125	3.93	20	
Surrogate: 1-Chlorooctane	*119*		*"*	*106*		*111*	*70-130*			
Surrogate: o-Terphenyl	*51.2*		*"*	*53.2*		*96.2*	*70-130*			
Batch P2C2405 - * DEFAULT PREP *** **										
Blank (P2C2405-BLK1)				Prepared: 03/24/22 Analyzed: 03/25/22						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*56.6*		*"*	*50.0*		*113*	*70-130*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2405 - * DEFAULT PREP *** **										
LCS (P2C2405-BS1)				Prepared: 03/24/22 Analyzed: 03/25/22						
C6-C12	1000	25.0	mg/kg wet	1000		100	75-125			
>C12-C28	985	25.0	"	1000		98.5	75-125			
Surrogate: 1-Chlorooctane	*111*		*"*	*100*		*111*	*70-130*			
Surrogate: o-Terphenyl	*63.6*		*"*	*50.0*		*127*	*70-130*			
LCS Dup (P2C2405-BSD1)				Prepared: 03/24/22 Analyzed: 03/25/22						
C6-C12	1000	25.0	mg/kg wet	1000		100	75-125	0.148	20	
>C12-C28	985	25.0	"	1000		98.5	75-125	0.0284	20	
Surrogate: 1-Chlorooctane	*108*		*"*	*100*		*108*	*70-130*			
Surrogate: o-Terphenyl	*62.3*		*"*	*50.0*		*125*	*70-130*			
Calibration Check (P2C2405-CCV1)				Prepared: 03/24/22 Analyzed: 03/25/22						
C6-C12	533	25.0	mg/kg wet	500		107	85-115			
>C12-C28	507	25.0	"	500		101	85-115			
Surrogate: 1-Chlorooctane	*124*		*"*	*100*		*124*	*70-130*			
Surrogate: o-Terphenyl	*57.7*		*"*	*50.0*		*115*	*70-130*			
Calibration Check (P2C2405-CCV2)				Prepared: 03/24/22 Analyzed: 03/25/22						
C6-C12	529	25.0	mg/kg wet	500		106	85-115			
>C12-C28	513	25.0	"	500		103	85-115			
Surrogate: 1-Chlorooctane	*127*		*"*	*100*		*127*	*70-130*			
Surrogate: o-Terphenyl	*58.8*		*"*	*50.0*		*118*	*70-130*			
Matrix Spike (P2C2405-MS1)		**Source: 2C21006-43**		Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	935	26.9	mg/kg dry	1080	18.8	85.2	75-125			
>C12-C28	952	26.9	"	1080	16.6	87.0	75-125			
Surrogate: 1-Chlorooctane	*126*		*"*	*108*		*117*	*70-130*			
Surrogate: o-Terphenyl	*57.4*		*"*	*53.8*		*107*	*70-130*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2405 - * DEFAULT PREP *** **										
Matrix Spike Dup (P2C2405-MSD1)	**Source: 2C21006-43**			Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	920	26.9	mg/kg dry	1080	18.8	83.8	75-125	1.71	20	
>C12-C28	957	26.9	"	1080	16.6	87.4	75-125	0.515	20	
Surrogate: 1-Chlorooctane	*131*		*"*	*108*		*122*	*70-130*			
Surrogate: o-Terphenyl	*57.8*		*"*	*53.8*		*107*	*70-130*			
Batch P2C2406 - * DEFAULT PREP *** **										
Blank (P2C2406-BLK1)				Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*103*		*"*	*100*		*103*	*70-130*			
Surrogate: o-Terphenyl	*56.4*		*"*	*50.0*		*113*	*70-130*			
LCS (P2C2406-BS1)				Prepared: 03/24/22 Analyzed: 03/25/22						
C6-C12	903	25.0	mg/kg wet	1000		90.3	75-125			
>C12-C28	887	25.0	"	1000		88.7	75-125			
Surrogate: 1-Chlorooctane	*125*		*"*	*100*		*125*	*70-130*			
Surrogate: o-Terphenyl	*60.2*		*"*	*50.0*		*120*	*70-130*			
LCS Dup (P2C2406-BSD1)				Prepared: 03/24/22 Analyzed: 03/25/22						
C6-C12	908	25.0	mg/kg wet	1000		90.8	75-125	0.509	20	
>C12-C28	889	25.0	"	1000		88.9	75-125	0.233	20	
Surrogate: 1-Chlorooctane	*123*		*"*	*100*		*123*	*70-130*			
Surrogate: o-Terphenyl	*59.0*		*"*	*50.0*		*118*	*70-130*			
Calibration Check (P2C2406-CCV1)				Prepared: 03/24/22 Analyzed: 03/25/22						
C6-C12	507	25.0	mg/kg wet	500		101	85-115			
>C12-C28	451	25.0	"	500		90.2	85-115			
Surrogate: 1-Chlorooctane	*121*		*"*	*100*		*121*	*70-130*			
Surrogate: o-Terphenyl	*59.1*		*"*	*50.0*		*118*	*70-130*			

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Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2406 - * DEFAULT PREP *** **										
Calibration Check (P2C2406-CCV2)				Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	509	25.0	mg/kg wet	500		102	85-115			
>C12-C28	430	25.0	"	500		86.0	85-115			
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*55.3*		*"*	*50.0*		*111*	*70-130*			
Matrix Spike (P2C2406-MS1)		**Source: 2C21006-63**		Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	842	26.6	mg/kg dry	1060	ND	79.2	75-125			
>C12-C28	1460	26.6	"	1060	55.8	132	75-125			QM-05
Surrogate: 1-Chlorooctane	*112*		*"*	*106*		*105*	*70-130*			
Surrogate: o-Terphenyl	*44.8*		*"*	*53.2*		*84.3*	*70-130*			
Matrix Spike Dup (P2C2406-MSD1)		**Source: 2C21006-63**		Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	895	26.6	mg/kg dry	1060	ND	84.1	75-125	6.04	20	
>C12-C28	1070	26.6	"	1060	55.8	95.0	75-125	32.2	20	QM-05
Surrogate: 1-Chlorooctane	*112*		*"*	*106*		*106*	*70-130*			
Surrogate: o-Terphenyl	*56.7*		*"*	*53.2*		*107*	*70-130*			
Batch P2C2407 - * DEFAULT PREP *** **										
Blank (P2C2407-BLK1)				Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	ND	25.0	mg/kg wet							
>C12-C28	ND	25.0	"							
>C28-C35	ND	25.0	"							
Surrogate: 1-Chlorooctane	*104*		*"*	*100*		*104*	*70-130*			
Surrogate: o-Terphenyl	*55.8*		*"*	*50.0*		*112*	*70-130*			
LCS (P2C2407-BS1)				Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	986	25.0	mg/kg wet	1000		98.6	75-125			
>C12-C28	932	25.0	"	1000		93.2	75-125			
Surrogate: 1-Chlorooctane	*113*		*"*	*100*		*113*	*70-130*			
Surrogate: o-Terphenyl	*62.8*		*"*	*50.0*		*126*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2407 - * DEFAULT PREP *** **										
LCS Dup (P2C2407-BSD1)				Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	1090	25.0	mg/kg wet	1000		109	75-125	10.1	20	
>C12-C28	1040	25.0	"	1000		104	75-125	10.6	20	
Surrogate: 1-Chlorooctane	*122*		*"*	*100*		*122*	*70-130*			
Surrogate: o-Terphenyl	*62.4*		*"*	*50.0*		*125*	*70-130*			
Calibration Check (P2C2407-CCV1)				Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	511	25.0	mg/kg wet	500		102	85-115			
>C12-C28	456	25.0	"	500		91.1	85-115			
Surrogate: 1-Chlorooctane	*121*		*"*	*100*		*121*	*70-130*			
Surrogate: o-Terphenyl	*56.1*		*"*	*50.0*		*112*	*70-130*			
Calibration Check (P2C2407-CCV2)				Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	515	25.0	mg/kg wet	500		103	85-115			
>C12-C28	468	25.0	"	500		93.7	85-115			
Surrogate: 1-Chlorooctane	*121*		*"*	*100*		*121*	*70-130*			
Surrogate: o-Terphenyl	*56.7*		*"*	*50.0*		*113*	*70-130*			
Calibration Check (P2C2407-CCV3)				Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	490	25.0	mg/kg wet	500		98.1	85-115			
>C12-C28	461	25.0	"	500		92.1	85-115			
Surrogate: 1-Chlorooctane	*120*		*"*	*100*		*120*	*70-130*			
Surrogate: o-Terphenyl	*55.7*		*"*	*50.0*		*111*	*70-130*			
Matrix Spike (P2C2407-MS1)		**Source: 2C21006-79**		Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	798	26.6	mg/kg dry	1060	16.2	73.5	75-125			QM-05
>C12-C28	780	26.6	"	1060	10.5	72.3	75-125			QM-05
Surrogate: 1-Chlorooctane	*93.8*		*"*	*106*		*88.2*	*70-130*			
Surrogate: o-Terphenyl	*44.1*		*"*	*53.2*		*82.9*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control

Permian Basin Environmental Lab, L.P.

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch P2C2407 - * DEFAULT PREP *** **										
Matrix Spike Dup (P2C2407-MSD1)	**Source: 2C21006-79**			Prepared: 03/24/22 Analyzed: 03/26/22						
C6-C12	785	26.6	mg/kg dry	1060	16.2	72.3	75-125	1.62	20	QM-05
>C12-C28	780	26.6	"	1060	10.5	72.3	75-125	0.0249	20	QM-05
Surrogate: 1-Chlorooctane	*116*		*"*	*106*		*109*	*70-130*			
Surrogate: o-Terphenyl	*50.2*		*"*	*53.2*		*94.3*	*70-130*			

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

Notes and Definitions

ROI	Received on Ice
R2	The RPD exceeded the acceptance limit.
QM-05	The spike recovery was outside acceptance limits for the MS and/or MSD due to matrix interference. The LCS and/or LCSD were within acceptance limits showing that the laboratory is in control and the data is acceptable.
NPBEL C(	Chain of Custody was not generated at PBELAB
BULK	Samples received in Bulk soil containers may be biased low in the nC6-C12 TPH Range
DET	Analyte DETECTED
ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
dry	Sample results reported on a dry weight basis
RPD	Relative Percent Difference
LCS	Laboratory Control Spike
MS	Matrix Spike
Dup	Duplicate

Report Approved By: Brent Barron Date: 3/29/2022

Brent Barron, Laboratory Director/Technical Director

The results in this report apply to the samples analyzed in accordance with the samples received in the laboratory. This analytical report must be reproduced in its entirety, with written approval of Permian Basin Environmental Lab.

Larson & Associates, Inc.	Project: Turkey Tract
P.O. Box 50685	Project Number: 22-0104-02
Midland TX, 79710	Project Manager: Mark Larson

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Nº 1164

CHAIN-OF-CUSTOD

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

DATE: 3/21/22 PAGE 1 OF 6

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: TP + JR

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST/NM

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

2C21002e

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 ❑	RCI ❑	TOX ❑	TCLP ❑	TDS ❑	TSS ❑	FLASHPOINT ❑	pH ❑	% MOISTURE ❑	HEXAVALENT CHROMIUM ❑	CYANIDE ❑	EXPLOSIVES ❑	PECHLORATE ❑	CHLORIDE ✓	ANIONS ❑	ALKALINITY ❑	FIELD NOTES
PB-1 1.0'	01	3/14/22	1300	S	1				X		X		X		X	X	X																								X				
PB-1 3.0'	02		1301																																									
PB-1 5.0'	03		1302																																									
PB-1 10.0'	04		1303																																									
PB-2 1.0'	05		1350																																									
PB-2 3.0'	06		1351																																									
PB-2 5.0'	07		1352																																									
PB-2 10.0'	08		1353																																									
PB-3 1.0'	09		1415																																									
PB-3 3.0'	10		1416																																									
PB-3 5.0'	11		1417																																									
PB-3 10.0'	12		1418																																									
S-10 1.0'	13		1445																																									
S-10 3.0'	14		1446																																									
S-10 5.0'	15	"	1447	"	"				"		"		"		"	"	"																												
TOTAL 15																																													

RELINQUISHED BY:(Signature) DATE/TIME 3/21/22 14:56 RECEIVED BY:(Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME

NORMAL ☒

1 DAY ❑

2 DAY ❑

OTHER ❑

LABORATORY USE ONLY:

RECEIVING TEMP: -14.1 / -13.1 THERM#: CF+1 / LI

CUSTODY SEALS - ❑ BROKEN ❑ INTACT ❑ NOT USED

❑ CARRIER BILL #

❑ HAND DELIVERED

Received by OCD: 1/19/2023 8:31:56 AM

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Nº 1765

CHAIN-OF-CUSTOD

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

DATE: 3-21-22 PAGE 2 OF 6

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: TP + RJ

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST / NM

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

2C21002

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH | ICE | UNPRESSERVED

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

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
S-10 8.0'	16	3/14/22	1447	S	1				X		X X X X X	
PB-4 1.0'	17		1510									
PB-4 3.0'	18		1511									
PB-4 5.0'	19		1512									
PB-4 10.0	20		1513									
S-13 1.0'	21		1530									
S-13 3.0'	22		1531									
S-13 5.0'	23		1532									
S-13 10.0	24		1533									
PB-5 1.0'	25		1600									
PB-5 3.0'	26		1601									
PB-5 5.0'	27		1602									
PB-5 10.0'	28		1603									
S-15 1.0'	29		1625									
S-15 3.0'	30		1626									
TOTAL 15												

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY:(Signature)

3/21/22 14:56 Trina Bledsoe

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME

NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:

RECEIVING TEMP: -14.1 -13.1 THERM#: CF1 L1

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED

☐ CARRIER BILL #

☐ HAND DELIVERED

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№ 1766

CHAIN-OF-CUSTODY

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

DATE: 3-21-22 PAGE 3 OF 6

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: TP + JR

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST/NM

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

2C21002

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-15 5.0'	31	3/14/22	1627	S	1				X		X		X	X	X														X	
S-15 10.0'	32	"	1628	"	"				"		"		"	"	"														"	
S-6 1.0'	33	"	1645	"	"				"		"		"	"	"														"	
S-6 3.0'	34	"	1646	"	"				"		"		"	"	"														"	
S-6 5.0'	35	"	1647	"	"				"		"		"	"	"														"	
S-6 10.0'	36	"	1648	"	"				"		"		"	"	"														"	
PB-7 1.0'	37	3/15/22	0842	"	"				"		"		"	"	"														"	
PB-7 3.0'	38	"	0843	"	"				"		"		"	"	"														"	
PB-7 5.0'	39	"	0844	"	"				"		"		"	"	"														"	
PB-7 10.0'	40	"	0845	"	"				"		"		"	"	"														"	
PB-8 1.0'	41	"	0915	"	"				"		"		"	"	"														"	
PB-8 3.0'	42	"	0916	"	"				"		"		"	"	"														"	
PB-8 5.0'	43	"	0917	"	"				"		"		"	"	"														"	
PB-8 10.0'	44	"	0918	"	"				"		"		"	"	"														"	
PB-9 1.0'	45	"	0950	"	"				"		"		"	"	"														"	
TOTAL 15																														

RELINQUISHED BY:(Signature) Jak Pot DATE/TIME 3/21/22 14:56 RECEIVED BY: (Signature) Ozuna Bledsoe

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: PBEL

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

LABORATORY USE ONLY:
RECEIVING TEMP: -14.1 -13.1 THERM#: CF#1
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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№ 1761

CHAIN-OF-CUSTOD

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

DATE: 3-21-22 PAGE 4 OF 6

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: TP+JR

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST/NM

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

2C21022

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 ☐	TOTAL METALS (RCRA) ☐	Semi-VOC ☐	LEAD - TOTAL ☐	D.W. 200.8 ☐	OTHER LIST ☐	RCI ☐	TOX ☐	TCLP ☐	TDS ☐	TSS ☐	FLASHPOINT ☐	pH ☐	% MOISTURE ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐	CYANIDE ☐	CHLORIDES ☒	PECHLORATE ☐	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
PB-9 3.0'	46	3-15-22	0951	S	1				X		X				+	+	+																								X				
PB-9 5.0'	47		0952																																											
PB-9 10.0'	48		0953																																											
PB-11 1.0'	49		1000																																											
PB-11 3.0'	50		1001																																											
PB-11 5.0'	51		1002																																											
PB-4 10.0'	52		1003																																											
PB-10 1.0'	53		1030																																											
PB-10 3.0'	54		1031																																											
PB-10 5.0'	55		1032																																											
PB 11 10.0'	56		1033																																											
PB-12 1.0'	57		1110																																											
PB-12 3.0'	58		1111																																											
PB-12 5.0'	59		1112																																											
PB-12 10.0'	60		1113																																											

TOTAL 15

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY:(Signature)
Jack Pet	3/21/22 14:56	Thomas Bledsoe
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: PBEL

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

LABORATORY USE ONLY:
RECEIVING TEMP: -1.4 / 13.1 THERM#: CF1 / L1
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 1/19/2023 8:31:56 AM

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№ 1168

CHAIN-OF-CUSTODY

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

DATE: 3/21/22 PAGE 5 OF 6

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Track

LAI PROJECT #: 22-0104-02 COLLECTOR: TP + JR

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST/NM

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

2C2/0220

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 ☐	TOTAL METALS (RCRA) ☐	Semi-VOC ☐	LEAD - TOTAL ☐	D.W. 200.8 ☐	OTHER LIST ☐	RCI ☐	TOX ☐	TCLP ☐	TDS ☐	TSS ☐	FLASHPOINT ☐	pH ☐	% MOISTURE ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE ☒	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
PB-13 1.0'	01	3/15/22	1145	S	1				X		X		X	X	X																															
PB-13 3.0'	02	"	1146	"	"				"		"		"	"	"																															
PB-13 5.0'	03	"	1147	"	"				"		"		"	"	"																															
PB-13 10.0'	04	"	1148	"	"				"		"		"	"	"																															
PB-14 1.0'	05	"	1230	"	"				"		"		"	"	"																															
PB-14 3.0'	06	"	1231	"	"				"		"		"	"	"																															
PB-14 5.0'	07	"	1232	"	"				"		"		"	"	"																															
PB-14 10.0'	08	"	1233	"	"				"		"		"	"	"																															
S-16 1.0'	09	"	1358	"	"				"		"		"	"	"																															
S-16 3.0'	70	"	1359	"	"				"		"		"	"	"																															
S-16 5.0'	71	"	1400	"	"				"		"		"	"	"																															
S-16 10.0'	72	"	1401	"	"				"		"		"	"	"																															
S-20 1.0'	73	"	1345	"	"				"		"		"	"	"																															
S-20 3.0'	74	"	1340	"	"				"		"		"	"	"																															
S-20 5.0'	75	"	1347	"	"				"		"		"	"	"																															
TOTAL 15																																														

RELINQUISHED BY:(Signature) DATE/TIME 3-21-22 14:56 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME

NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:

RECEIVING TEMP: -13.1 / 14.1 THERM#: CF+1 / LI

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED

☐ CARRIER BILL #

☐ HAND DELIVERED

Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

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№ 1169

CHAIN-OF-CUSTODY

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

DATE: 3/21/22 PAGE 6 OF 6

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: TP + JR

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MST / NM

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

3/21/2022

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
S-20 10.0'	76	3/15/22	1340	S	1				X		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 ☐ TCLP ☐ TDS ☐ TSS ☐ FLASHPOINT ☐ pH ☐ % MOISTURE ☐ CYANIDE ☐ EXPLOSIVES ☐ HEXAVALENT CHROMIUM ☐ CHLORIDE ANIONS ☐ PECHLORATE ☐ ALKALINITY ☐	
S-21 0.5'	77	3/15/22	1320	S	1				X			
~~S-22~~												
S-21 1.0'	78	3/15/22	1321	S	1				X			
S-21 3.0'	79	3/15/22	1322	S	1				X			

TOTAL 4

RELINQUISHED BY:(Signature) DATE/TIME 3/21/22 14:56 RECEIVED BY: (Signature) Olivia Bledsoe

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: PBEL

TURN AROUND TIME

NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:

RECEIVING TEMP: -14.1 -13.1 THERM#: CF1 L1

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED

☐ CARRIER BILL #

☐ HAND DELIVERED

Received by OCD: 1/19/2023 8:31:56 AM

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PBELAB

DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

Sample Receipt Checklist

Yes		Notes
✓	Chain of custody present?	
	Chain of custody signed/dated/time when relinquished and received?	
	Sample date/time present on COC for all samples?	
	Samplers name present on COC?	
	Chain of custody agrees with sample labels?	
	Sample containers intact?	
X	Custody seals intact on sample bottles?	
✓	Samples in proper container/bottle?	
	Sufficient sample volume for indicated test?	
	All samples received within holding time?	
	Samples received with appropriate temp?	-18 I
	Analysis requested for all samples submitted?	
	Shipping container/cooler in good condition?	
	Custody seals intact on shipping container/cooler?	

Login Notes:
2108 2C21006

PBELAB

DOC #: PBEL_SAMPLE_CHECKLIST
REVISION #: PBEL_2021_1
REVISION Date: 10/30/2021
EFFECTIVE DATE: 10/30/2021

SAMPLE VARIANCE/NON-CONFORMANCE

Variance/Discrepancy:

Resolution:

Client Contacted

Name:

Date/Time:

NC Initiated by:_____ Approved by:_____

Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

eurofins | Environment Testing America



ANALYTICAL REPORT

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

Laboratory Job ID: 880-17204-1
Laboratory Sample Delivery Group: 22-104-02
Client Project/Site: Turkey Tract

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

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
8/3/2022 9:01:40 AM

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

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

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

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

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 880-17204-1
SDG: 22-104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Qualifiers

GC VOA

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

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
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)

Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
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: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Job ID: 880-17204-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-17204-1

Comments
No additional comments.

Receipt
The samples were received on 7/21/2022 11:12 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.8º C.

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-30500 recovered above the upper control limit for Benzene, m,p-Xylenes and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-30591 and analytical batch 880-30500 was outside control limits. Sample matrix interference is suspected.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-30500 recovered above the upper control limit for o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-30500/2).

Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCS 880-30591/1-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-17204-A-19-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-19 1' (880-17204-19), C-20 2' (880-17204-20) and C-21 2' (880-17204-21). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-24 2' (880-17204-24), C-25 2' (880-17204-25), C-26 2' (880-17204-26), C-27 2' (880-17204-27) and C-28 2' (880-17204-28). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The matrix spike duplicate (MSD) recoveries for preparation batch 880-30796 and analytical batch 880-30748 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-30709 and analytical batch 880-30747 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 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-30794 and analytical batch 880-30747 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 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-30589 and analytical batch 880-30859 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 8021B: The continuing calibration verification (CCV) associated with batch 880-30859 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m,p-Xylenes, o-Xylene and 1,4-Difluorobenzene (Surr). The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Case Narrative

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Job ID: 880-17204-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-30669 and analytical batch 880-30859 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCSD 880-30589/2-A) and (880-17202-A-1-D MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: C-2 1.5' (880-17204-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-17202-A-1-F). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following sample was outside control limits: C-3 1.5' (880-17204-3). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (880-17143-A-1-F MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-30580 and analytical batch 880-30856 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 8021B: The laboratory control sample (LCS) associated with preparation batch 880-30988 and 880-31011 and analytical batch 880-30959 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-30959 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-30959/20).

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30596 and analytical batch 880-30958 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-30595 and 880-30893 and analytical batch 880-31046 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 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30592 and 880-30678 and analytical batch 880-31047 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: There was an instrument stoppage upon the purge of the CCV causing a lower result and essentially a mis injection result for the CCV. The analysis was confirmed against the total petroleum hydrocarbon results and can be reanalyzed upon request of the client. The subsequent CCV was acceptable and the data was qualified and reported.
(CCV 880-31047/20)

Method 8021B: The CCV was biased high for both o xylene and toluene, however a previous CCV was analyzed and acceptable within the 12 hour window and therefore the data was qualified and reported.
(CCV 880-31048/2)

Case Narrative

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Job ID: 880-17204-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8021B: The CCV was biased high for both o xylene, however a previous CCV was analyzed and acceptable within the 12 hour window and therefore the data was qualified and reported.
(CCV 880-31048/33)

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30703 and analytical batch 880-31048 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-31095 recovered under the lower control limit for o-Xylene. The samples associated with this CCV were ran withing 12 hours of passing CCV ; therefore, the data have been reported.

Method 8021B: The laboratory control sample duplicate (LCSD) for preparation batch 880-30706 and analytical batch 880-31095 recovered outside control limits for the following analytes: Benzene. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-31094 recovered above the upper control limit for o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30704 and analytical batch 880-31092 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The matrix spike (MS) recoveries for preparation batch 880-30706 and analytical batch 880-31095 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-30704 and analytical batch 880-31092 was outside the upper control limits.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30707 and analytical batch 880-31094 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-31149 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-30914 and analytical batch 880-31149 was outside control limits. Sample matrix interference is suspected.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-31149 recovered under the lower control limit for Benzene. The samples associated with this CCV were ran within 12 hours of passing CCV; therefore, the data have been reported.

Method 8021B: The matrix spike / matrix spike duplicate / sample duplicate (MS/MSD/DUP) precision for preparation batch 880-31170 and analytical batch 880-31148 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 8021B: The continuing calibration verification (CCV) associated with batch 880-31149 recovered above the upper control limit for Benzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-31149/2).

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

GC Semi VOA
Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30690 and analytical batch 880-30649 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.

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Case Narrative

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Job ID: 880-17204-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-30691/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (880-17204-A-41-E MS). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-44 0-1.5' (880-17204-44). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike duplicate (MSD) recoveries for preparation batch 880-30691 and analytical batch 880-30739 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30710 and analytical batch 880-30739 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-63 2' (880-17204-63). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-65 2' (880-17204-65). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: C-73 2' (880-17204-73), C-74 2' (880-17204-74) and C-75 2' (880-17204-75). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-77 2' (880-17204-77). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: C-79 2' (880-17204-79) and C-80 2' (880-17204-80). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: C-81 2' (880-17204-81), C-82 2' (880-17204-82), C-83 2' (880-17204-83), C-84 2' (880-17204-84), C-85 2' (880-17204-85), (880-17204-A-81-E MS) and (880-17204-A-81-F MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: C-87 2' (880-17204-87) and C-88 2' (880-17204-88). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (CCV 880-30741/46). Evidence of matrix interferences is not obvious.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30711 and analytical batch 880-30741 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30714 and analytical batch 880-30741 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: CCV biased high for diesel range hydrocarbons, however an acceptable CCV was analyzed within the 12 hour window, therefore data was qualified and reported.

Case Narrative

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Job ID: 880-17204-1 (Continued)

Laboratory: Eurofins Midland (Continued)

(CCV 880-30741/46)

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-101 2' (880-17204-101). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-105 2' (880-17204-105). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-107 2' (880-17204-107). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-115 2' (880-17204-115). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-118 0-2' (880-17204-118). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCSD 880-30736/3-A). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) sample: (880-17204-A-121-E MS). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-126 2.5 (880-17204-126). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: C-137 2.5 (880-17204-137) and C-138 2.5 (880-17204-138). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30715 and analytical batch 880-30861 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30736 and analytical batch 880-30861 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-30806 and analytical batch 880-30863 was outside the upper control limits.

Method 8015B NM: Surrogate recovery was outside acceptance limits for the following matrix spike/matrix spike duplicate (MS/MSD) samples: (880-17204-A-141-E MS) and (880-17204-A-141-F MSD). The parent sample's surrogate recovery was within limits. The MS/MSD sample has been qualified and reported.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: C-154 1.5 (880-17204-154) and C-155 1.5 (880-17204-155). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30806 and analytical batch 880-30863 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30837 and analytical batch 880-30950 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.

Case Narrative

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Job ID: 880-17204-1 (Continued)

Laboratory: Eurofins Midland (Continued)

Method 8015B NM: The laboratory control sample (LCS) associated with preparation batch 880-30807 and analytical batch 880-30952 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-30925 and analytical batch 880-30952 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: C-161 1.5 (880-17204-161), C-166 0-2.5' (880-17204-166), C-177 4' (880-17204-177), C-178 4' (880-17204-178), C-179 4' (880-17204-179), C-180 4' (880-17204-180), C-224 0-4' (880-17204-224), C-225 0-4' (880-17204-225) and (MB 880-30807/1-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.

General Chemistry
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-30261 and analytical batch 880-30587 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 300.0: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-30271 and analytical batch 880-30823. The associated laboratory control sample (LCS) met acceptance criteria.

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

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

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

Released to Imaging: 5/18/2023 2:46:41 PM

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-1 1.5'

Date Collected: 07/19/22 12:00
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-1

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		07/25/22 12:06	07/29/22 05:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:06	07/29/22 05:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:06	07/29/22 05:35	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 12:06	07/29/22 05:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:06	07/29/22 05:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 12:06	07/29/22 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*07/25/22 12:06*	*07/29/22 05:35*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/25/22 12:06*	*07/29/22 05:35*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/26/22 21:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		07/26/22 11:47	07/26/22 21:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/26/22 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*07/26/22 11:47*	*07/26/22 21:30*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*07/26/22 11:47*	*07/26/22 21:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**250**		5.03		mg/Kg			07/26/22 14:18	1

Client Sample ID: C-2 1.5'

Date Collected: 07/19/22 12:01
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-2

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		07/29/22 10:29	07/29/22 18:57	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 18:57	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 18:57	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/29/22 10:29	07/29/22 18:57	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 18:57	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/22 10:29	07/29/22 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/29/22 10:29*	*07/29/22 18:57*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/29/22 10:29*	*07/29/22 18:57*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-2 1.5'

Date Collected: 07/19/22 12:01
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-2

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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/26/22 22:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/26/22 22:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/26/22 22:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*07/26/22 11:47*	*07/26/22 22:34*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*07/26/22 11:47*	*07/26/22 22:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.0**		5.01		mg/Kg			07/26/22 14:26	1

Client Sample ID: C-3 1.5'

Date Collected: 07/19/22 12:02
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-3

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		07/29/22 10:29	07/29/22 19:18	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:29	07/29/22 19:18	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/29/22 10:29	07/29/22 19:18	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/29/22 10:29	07/29/22 19:18	1
o-Xylene	**0.00538**		0.00202		mg/Kg		07/29/22 10:29	07/29/22 19:18	1
Xylenes, Total	**0.00538**		0.00403		mg/Kg		07/29/22 10:29	07/29/22 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/29/22 10:29*	*07/29/22 19:18*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/29/22 10:29*	*07/29/22 19:18*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00538**		0.00403		mg/Kg			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/26/22 22:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/26/22 22:55	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-3 1.5'

Date Collected: 07/19/22 12:02
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/26/22 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*07/26/22 11:47*	*07/26/22 22:55*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*07/26/22 11:47*	*07/26/22 22:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.8**		5.00		mg/Kg			07/26/22 14:34	1

Client Sample ID: C-4 1.5'

Date Collected: 07/19/22 12:03
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-4

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		07/25/22 12:06	07/29/22 06:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:06	07/29/22 06:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:06	07/29/22 06:53	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 12:06	07/29/22 06:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:06	07/29/22 06:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 12:06	07/29/22 06:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*07/25/22 12:06*	*07/29/22 06:53*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*07/25/22 12:06*	*07/29/22 06:53*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**87.6**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/26/22 23:16	1
Diesel Range Organics (Over C10-C28)	**87.6**		50.0		mg/Kg		07/26/22 11:47	07/26/22 23:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/26/22 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*07/26/22 11:47*	*07/26/22 23:16*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/26/22 11:47*	*07/26/22 23:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.2**		4.99		mg/Kg			07/26/22 14:42	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-5 1.5'

Date Collected: 07/19/22 12:04
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-5
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		07/29/22 10:29	07/29/22 19:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 19:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 19:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/29/22 10:29	07/29/22 19:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 19:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/22 10:29	07/29/22 19:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/29/22 10:29*	*07/29/22 19:59*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*07/29/22 10:29*	*07/29/22 19:59*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**55.1**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/26/22 23:37	1
Diesel Range Organics (Over C10-C28)	**55.1**		49.9		mg/Kg		07/26/22 11:47	07/26/22 23:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/26/22 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*07/26/22 11:47*	*07/26/22 23:37*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*07/26/22 11:47*	*07/26/22 23:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**161**		4.98		mg/Kg			07/26/22 14:50	1

Client Sample ID: C-6 1.5'

Date Collected: 07/19/22 12:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-6
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 20:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 20:19	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 20:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/29/22 10:29	07/29/22 20:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 20:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/22 10:29	07/29/22 20:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/29/22 10:29*	*07/29/22 20:19*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/29/22 10:29*	*07/29/22 20:19*	*1*

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-6 1.5'

Date Collected: 07/19/22 12:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-6
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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**72.0**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/26/22 23:59	1
Diesel Range Organics (Over C10-C28)	**72.0**		49.9		mg/Kg		07/26/22 11:47	07/26/22 23:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/26/22 23:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*07/26/22 11:47*	*07/26/22 23:59*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*07/26/22 11:47*	*07/26/22 23:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		5.02		mg/Kg			07/26/22 14:57	1

Client Sample ID: C-7 1.5'

Date Collected: 07/19/22 12:06
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-7
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		07/25/22 11:33	07/28/22 17:22	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/22 11:33	07/28/22 17:22	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/22 11:33	07/28/22 17:22	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/25/22 11:33	07/28/22 17:22	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/22 11:33	07/28/22 17:22	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/25/22 11:33	07/28/22 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*07/25/22 11:33*	*07/28/22 17:22*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*07/25/22 11:33*	*07/28/22 17:22*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/27/22 00:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/27/22 00:20	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-7 1.5' Lab Sample ID: 880-17204-7

Date Collected: 07/19/22 12:06 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/26/22 11:47	07/27/22 00:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*07/26/22 11:47*	*07/27/22 00:20*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*07/26/22 11:47*	*07/27/22 00:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**425**		4.95		mg/Kg			07/26/22 15:21	1

Client Sample ID: C-8 1.5' Lab Sample ID: 880-17204-8

Date Collected: 07/19/22 12:07 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 17:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 17:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 17:43	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 11:33	07/28/22 17:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 17:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 11:33	07/28/22 17:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*07/25/22 11:33*	*07/28/22 17:43*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/25/22 11:33*	*07/28/22 17:43*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/27/22 00:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/27/22 00:41	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/27/22 00:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*07/26/22 11:47*	*07/27/22 00:41*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*07/26/22 11:47*	*07/27/22 00:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**144**		4.95		mg/Kg			07/26/22 15:29	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-9 1.5'

Date Collected: 07/19/22 12:08
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-9

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		07/25/22 11:33	07/28/22 18:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 18:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 18:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/25/22 11:33	07/28/22 18:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 18:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/22 11:33	07/28/22 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*07/25/22 11:33*	*07/28/22 18:04*	*1*
1,4-Difluorobenzene (Surr)	*129*		*70 - 130*	*07/25/22 11:33*	*07/28/22 18:04*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**56.1**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**56.1**		50.0		mg/Kg		07/26/22 11:47	07/27/22 01:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 01:03	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 01:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*07/26/22 11:47*	*07/27/22 01:03*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*07/26/22 11:47*	*07/27/22 01:03*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.9**		5.04		mg/Kg			07/26/22 15:52	1

Client Sample ID: C-10 1.5'

Date Collected: 07/19/22 12:09
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-10

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		07/25/22 11:33	07/28/22 18:25	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/22 11:33	07/28/22 18:25	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/22 11:33	07/28/22 18:25	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		07/25/22 11:33	07/28/22 18:25	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/22 11:33	07/28/22 18:25	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/25/22 11:33	07/28/22 18:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/25/22 11:33*	*07/28/22 18:25*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/25/22 11:33*	*07/28/22 18:25*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-10 1.5'

Lab Sample ID: 880-17204-10
Matrix: Solid
Date Collected: 07/19/22 12:09
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**424**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**51.5**		50.0		mg/Kg		07/26/22 11:47	07/27/22 01:24	1
Diesel Range Organics (Over C10-C28)	**261**		50.0		mg/Kg		07/26/22 11:47	07/27/22 01:24	1
Oil Range Organics (Over C28-C36)	**111**		50.0		mg/Kg		07/26/22 11:47	07/27/22 01:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*07/26/22 11:47*	*07/27/22 01:24*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*07/26/22 11:47*	*07/27/22 01:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.0**		4.97		mg/Kg			07/26/22 16:00	1

Client Sample ID: C-11 1.5'

Lab Sample ID: 880-17204-11
Matrix: Solid
Date Collected: 07/19/22 12:10
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 20:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 20:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 20:40	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/29/22 10:29	07/29/22 20:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 20:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/29/22 10:29	07/29/22 20:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/29/22 10:29*	*07/29/22 20:40*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*07/29/22 10:29*	*07/29/22 20:40*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 02:06	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-11 1.5'
Lab Sample ID: 880-17204-11
Date Collected: 07/19/22 12:10 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 02:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*07/26/22 11:47*	*07/27/22 02:06*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*07/26/22 11:47*	*07/27/22 02:06*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**39.8**		4.98		mg/Kg			07/26/22 16:08	1

Client Sample ID: C-12 1.5'
Lab Sample ID: 880-17204-12
Date Collected: 07/19/22 12:11 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 21:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 21:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 21:00	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/29/22 10:29	07/29/22 21:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:29	07/29/22 21:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/29/22 10:29	07/29/22 21:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/29/22 10:29*	*07/29/22 21:00*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/29/22 10:29*	*07/29/22 21:00*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**61.7**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/27/22 02:27	1
Diesel Range Organics (Over C10-C28)	**61.7**		49.9		mg/Kg		07/26/22 11:47	07/27/22 02:27	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/27/22 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*07/26/22 11:47*	*07/27/22 02:27*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*07/26/22 11:47*	*07/27/22 02:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**198**		5.02		mg/Kg			07/26/22 16:16	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-13 2'

Date Collected: 07/19/22 12:12
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-13

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		07/29/22 10:29	07/29/22 21:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 21:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 21:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/29/22 10:29	07/29/22 21:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 21:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/22 10:29	07/29/22 21:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/29/22 10:29*	*07/29/22 21:21*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*07/29/22 10:29*	*07/29/22 21:21*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 11:47	07/27/22 02:48	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/26/22 11:47	07/27/22 02:48	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/22 11:47	07/27/22 02:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*07/26/22 11:47*	*07/27/22 02:48*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*07/26/22 11:47*	*07/27/22 02:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**45.4**		5.00		mg/Kg			07/26/22 16:24	1

Client Sample ID: C-14 2'

Date Collected: 07/19/22 12:13
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-14

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		07/29/22 10:29	07/29/22 21:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 21:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 21:41	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/29/22 10:29	07/29/22 21:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:29	07/29/22 21:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/29/22 10:29	07/29/22 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/29/22 10:29*	*07/29/22 21:41*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/29/22 10:29*	*07/29/22 21:41*	*1*

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-14 2' Lab Sample ID: 880-17204-14

Date Collected: 07/19/22 12:13 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 03:09	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 03:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 03:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*07/26/22 11:47*	*07/27/22 03:09*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*07/26/22 11:47*	*07/27/22 03:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**70.6**		5.01		mg/Kg			07/26/22 16:32	1

Client Sample ID: C-15 2' Lab Sample ID: 880-17204-15

Date Collected: 07/19/22 12:14 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:29	07/29/22 22:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:29	07/29/22 22:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:29	07/29/22 22:02	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/29/22 10:29	07/29/22 22:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/29/22 10:29	07/29/22 22:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/29/22 10:29	07/29/22 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/29/22 10:29*	*07/29/22 22:02*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/29/22 10:29*	*07/29/22 22:02*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**67.0**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 03:30	1
Diesel Range Organics (Over C10-C28)	**67.0**		50.0		mg/Kg		07/26/22 11:47	07/27/22 03:30	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-15 2'

Date Collected: 07/19/22 12:14
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-15
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		07/26/22 11:47	07/27/22 03:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*07/26/22 11:47*	*07/27/22 03:30*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/26/22 11:47*	*07/27/22 03:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		5.02		mg/Kg			07/26/22 16:40	1

Client Sample ID: C-16 1'

Date Collected: 07/19/22 12:15
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-16
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		07/29/22 10:52	07/29/22 17:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 17:32	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		07/29/22 10:52	07/29/22 17:32	1
m,p-Xylenes	<0.00399	U *1 *-	0.00399		mg/Kg		07/29/22 10:52	07/29/22 17:32	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		07/29/22 10:52	07/29/22 17:32	1
Xylenes, Total	<0.00399	U *+ *1	0.00399		mg/Kg		07/29/22 10:52	07/29/22 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/29/22 10:52*	*07/29/22 17:32*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/29/22 10:52*	*07/29/22 17:32*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**872**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 03:50	1
Diesel Range Organics (Over C10-C28)	**683**		50.0		mg/Kg		07/26/22 11:47	07/27/22 03:50	1
Oll Range Organics (Over C28-C36)	**189**		50.0		mg/Kg		07/26/22 11:47	07/27/22 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*07/26/22 11:47*	*07/27/22 03:50*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*07/26/22 11:47*	*07/27/22 03:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.7**		5.03		mg/Kg			07/26/22 06:17	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-17 1'

Date Collected: 07/19/22 12:16
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-17
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		07/29/22 10:52	07/29/22 19:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 10:52	07/29/22 19:23	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		07/29/22 10:52	07/29/22 19:23	1
m,p-Xylenes	<0.00400	U *1 *-	0.00400		mg/Kg		07/29/22 10:52	07/29/22 19:23	1
o-Xylene	<0.00200	U *+ *1	0.00200		mg/Kg		07/29/22 10:52	07/29/22 19:23	1
Xylenes, Total	<0.00400	U *+ *1	0.00400		mg/Kg		07/29/22 10:52	07/29/22 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/29/22 10:52*	*07/29/22 19:23*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/29/22 10:52*	*07/29/22 19:23*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/27/22 04:11	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/27/22 04:11	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:47	07/27/22 04:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*07/26/22 11:47*	*07/27/22 04:11*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*07/26/22 11:47*	*07/27/22 04:11*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**9.37**		4.96		mg/Kg			07/26/22 06:45	1

Client Sample ID: C-18 1'

Date Collected: 07/19/22 12:17
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-18
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		07/29/22 10:52	07/29/22 19:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/29/22 10:52	07/29/22 19:44	1
Ethylbenzene	<0.00199	U *-	0.00199		mg/Kg		07/29/22 10:52	07/29/22 19:44	1
m,p-Xylenes	<0.00398	U *1 *-	0.00398		mg/Kg		07/29/22 10:52	07/29/22 19:44	1
o-Xylene	<0.00199	U *+ *1	0.00199		mg/Kg		07/29/22 10:52	07/29/22 19:44	1
Xylenes, Total	<0.00398	U *+ *1	0.00398		mg/Kg		07/29/22 10:52	07/29/22 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/29/22 10:52*	*07/29/22 19:44*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/29/22 10:52*	*07/29/22 19:44*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-18 1' Lab Sample ID: 880-17204-18

Date Collected: 07/19/22 12:17 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 11:47	07/27/22 04:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/26/22 11:47	07/27/22 04:33	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/22 11:47	07/27/22 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*07/26/22 11:47*	*07/27/22 04:33*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*07/26/22 11:47*	*07/27/22 04:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**66.5**		4.95		mg/Kg			07/26/22 06:54	1

Client Sample ID: C-19 1' Lab Sample ID: 880-17204-19

Date Collected: 07/19/22 12:18 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1 F2	0.00202		mg/Kg		07/25/22 12:34	07/27/22 03:24	1
Toluene	<0.00202	U F1 F2	0.00202		mg/Kg		07/25/22 12:34	07/27/22 03:24	1
Ethylbenzene	<0.00202	U F1 F2	0.00202		mg/Kg		07/25/22 12:34	07/27/22 03:24	1
m,p-Xylenes	<0.00404	U F1 F2	0.00404		mg/Kg		07/25/22 12:34	07/27/22 03:24	1
o-Xylene	<0.00202	U F1 F2	0.00202		mg/Kg		07/25/22 12:34	07/27/22 03:24	1
Xylenes, Total	<0.00404	U F1 F2	0.00404		mg/Kg		07/25/22 12:34	07/27/22 03:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*07/25/22 12:34*	*07/27/22 03:24*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*07/25/22 12:34*	*07/27/22 03:24*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 04:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 04:53	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-19 1'

Date Collected: 07/19/22 12:18
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-19
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)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 04:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*07/26/22 11:47*	*07/27/22 04:53*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*07/26/22 11:47*	*07/27/22 04:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.8**		4.99		mg/Kg			07/26/22 07:03	1

Client Sample ID: C-20 2'

Date Collected: 07/19/22 12:19
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-20
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		07/25/22 12:34	07/27/22 03:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 03:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 03:50	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/25/22 12:34	07/27/22 03:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 03:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/25/22 12:34	07/27/22 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*07/25/22 12:34*	*07/27/22 03:50*	*1*
1,4-Difluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*07/25/22 12:34*	*07/27/22 03:50*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**96.3**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 05:14	1
Diesel Range Organics (Over C10-C28)	**96.3**		50.0		mg/Kg		07/26/22 11:47	07/27/22 05:14	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/27/22 05:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*07/26/22 11:47*	*07/27/22 05:14*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*07/26/22 11:47*	*07/27/22 05:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**146**		5.02		mg/Kg			07/26/22 07:12	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-21 2'

Date Collected: 07/19/22 12:20
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-21

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		07/25/22 12:34	07/27/22 04:16	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:34	07/27/22 04:16	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:34	07/27/22 04:16	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/25/22 12:34	07/27/22 04:16	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:34	07/27/22 04:16	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/25/22 12:34	07/27/22 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*07/25/22 12:34*	*07/27/22 04:16*	*1*
1,4-Difluorobenzene (Surr)	*126*		*70 - 130*	*07/25/22 12:34*	*07/27/22 04:16*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**71.0**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 10:41	1
Diesel Range Organics (Over C10-C28)	**71.0**	**F1**	50.0		mg/Kg		07/26/22 11:50	07/27/22 10:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 10:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*07/26/22 11:50*	*07/27/22 10:41*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*07/26/22 11:50*	*07/27/22 10:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**156**		5.01		mg/Kg			07/26/22 07:40	1

Client Sample ID: C-22 2'

Date Collected: 07/19/22 12:21
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-22

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		07/25/22 12:34	07/27/22 04:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 04:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 04:43	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/25/22 12:34	07/27/22 04:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 04:43	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/22 12:34	07/27/22 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*07/25/22 12:34*	*07/27/22 04:43*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*07/25/22 12:34*	*07/27/22 04:43*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-22 2'

Date Collected: 07/19/22 12:21
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-22
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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**276**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 11:46	1
Diesel Range Organics (Over C10-C28)	**276**		49.9		mg/Kg		07/26/22 11:50	07/27/22 11:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*07/26/22 11:50*	*07/27/22 11:46*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*07/26/22 11:50*	*07/27/22 11:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		5.05		mg/Kg			07/26/22 07:49	1

Client Sample ID: C-23 2'

Date Collected: 07/19/22 12:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-23
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		08/01/22 09:07	08/01/22 13:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		08/01/22 09:07	08/01/22 13:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		08/01/22 09:07	08/01/22 13:19	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		08/01/22 09:07	08/01/22 13:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		08/01/22 09:07	08/01/22 13:19	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		08/01/22 09:07	08/01/22 13:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*08/01/22 09:07*	*08/01/22 13:19*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*08/01/22 09:07*	*08/01/22 13:19*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**62.2**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 12:07	1
Diesel Range Organics (Over C10-C28)	**62.2**		50.0		mg/Kg		07/26/22 11:50	07/27/22 12:07	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-23 2'

Date Collected: 07/19/22 12:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-23
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		07/26/22 11:50	07/27/22 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*07/26/22 11:50*	*07/27/22 12:07*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*07/26/22 11:50*	*07/27/22 12:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		5.03		mg/Kg			07/26/22 07:58	1

Client Sample ID: C-24 2'

Date Collected: 07/19/22 12:23
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-24
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		07/25/22 12:34	07/27/22 05:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 05:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 05:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 12:34	07/27/22 05:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 05:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 12:34	07/27/22 05:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*07/25/22 12:34*	*07/27/22 05:35*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*07/25/22 12:34*	*07/27/22 05:35*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**238**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 12:29	1
Diesel Range Organics (Over C10-C28)	**238**		50.0		mg/Kg		07/26/22 11:50	07/27/22 12:29	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*07/26/22 11:50*	*07/27/22 12:29*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*07/26/22 11:50*	*07/27/22 12:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		5.03		mg/Kg			07/26/22 08:08	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-25 2'

Date Collected: 07/19/22 12:24
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-25

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		07/25/22 12:34	07/27/22 06:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:34	07/27/22 06:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:34	07/27/22 06:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 12:34	07/27/22 06:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:34	07/27/22 06:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 12:34	07/27/22 06:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*07/25/22 12:34*	*07/27/22 06:01*	*1*
1,4-Difluorobenzene (Surr)	*128*		*70 - 130*	*07/25/22 12:34*	*07/27/22 06:01*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**179**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 12:51	1
Diesel Range Organics (Over C10-C28)	**179**		49.9		mg/Kg		07/26/22 11:50	07/27/22 12:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*07/26/22 11:50*	*07/27/22 12:51*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*07/26/22 11:50*	*07/27/22 12:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.5**		4.98		mg/Kg			07/26/22 08:17	1

Client Sample ID: C-26 2'

Date Collected: 07/19/22 12:25
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-26

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		07/25/22 12:34	07/27/22 06:27	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:34	07/27/22 06:27	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:34	07/27/22 06:27	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 12:34	07/27/22 06:27	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:34	07/27/22 06:27	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 12:34	07/27/22 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*07/25/22 12:34*	*07/27/22 06:27*	*1*
1,4-Difluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*07/25/22 12:34*	*07/27/22 06:27*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-26 2' Lab Sample ID: 880-17204-26

Date Collected: 07/19/22 12:25 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**495**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 13:12	1
Diesel Range Organics (Over C10-C28)	**495**		49.9		mg/Kg		07/26/22 11:50	07/27/22 13:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*07/26/22 11:50*	*07/27/22 13:12*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*07/26/22 11:50*	*07/27/22 13:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		5.02		mg/Kg			07/26/22 08:26	1

Client Sample ID: C-27 2' Lab Sample ID: 880-17204-27

Date Collected: 07/19/22 12:26 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:34	07/27/22 06:53	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:34	07/27/22 06:53	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:34	07/27/22 06:53	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/25/22 12:34	07/27/22 06:53	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:34	07/27/22 06:53	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/25/22 12:34	07/27/22 06:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*07/25/22 12:34*	*07/27/22 06:53*	*1*
1,4-Difluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*07/25/22 12:34*	*07/27/22 06:53*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 13:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 13:34	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-27 2'

Lab Sample ID: 880-17204-27
Matrix: Solid
Date Collected: 07/19/22 12:26
Date Received: 07/21/22 11:12

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		07/26/22 11:50	07/27/22 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*07/26/22 11:50*	*07/27/22 13:34*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*07/26/22 11:50*	*07/27/22 13:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.9**		4.97		mg/Kg			07/26/22 08:54	1

Client Sample ID: C-28 2'

Lab Sample ID: 880-17204-28
Matrix: Solid
Date Collected: 07/19/22 12:27
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 07:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 07:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 07:20	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/25/22 12:34	07/27/22 07:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 07:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/22 12:34	07/27/22 07:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*07/25/22 12:34*	*07/27/22 07:20*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*07/25/22 12:34*	*07/27/22 07:20*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 13:56	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 13:56	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*07/26/22 11:50*	*07/27/22 13:56*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*07/26/22 11:50*	*07/27/22 13:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.3**		4.99		mg/Kg			07/26/22 09:03	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-29 2'

Lab Sample ID: 880-17204-29
Matrix: Solid
Date Collected: 07/19/22 12:28
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 06:14	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 06:14	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 06:14	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/27/22 10:51	07/28/22 06:14	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 06:14	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/27/22 10:51	07/28/22 06:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/27/22 10:51*	*07/28/22 06:14*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/27/22 10:51*	*07/28/22 06:14*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 14:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 14:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*07/26/22 11:50*	*07/27/22 14:17*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*07/26/22 11:50*	*07/27/22 14:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**205**		4.99		mg/Kg			07/26/22 09:30	1

Client Sample ID: C-30 2'

Lab Sample ID: 880-17204-30
Matrix: Solid
Date Collected: 07/19/22 12:29
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:00	07/27/22 18:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:00	07/27/22 18:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:00	07/27/22 18:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/27/22 10:00	07/27/22 18:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:00	07/27/22 18:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/27/22 10:00	07/27/22 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/27/22 10:00*	*07/27/22 18:42*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/27/22 10:00*	*07/27/22 18:42*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-30 2'

Date Collected: 07/19/22 12:29
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-30
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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**659**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 14:39	1
Diesel Range Organics (Over C10-C28)	**659**		50.0		mg/Kg		07/26/22 11:50	07/27/22 14:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*07/26/22 11:50*	*07/27/22 14:39*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*07/26/22 11:50*	*07/27/22 14:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**		4.99		mg/Kg			07/26/22 09:40	1

Client Sample ID: C-31 2'

Date Collected: 07/19/22 12:30
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-31
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		07/26/22 10:00	07/27/22 19:02	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 10:00	07/27/22 19:02	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 10:00	07/27/22 19:02	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/26/22 10:00	07/27/22 19:02	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 10:00	07/27/22 19:02	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/26/22 10:00	07/27/22 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/26/22 10:00*	*07/27/22 19:02*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/26/22 10:00*	*07/27/22 19:02*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**309**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 15:22	1
Diesel Range Organics (Over C10-C28)	**309**		50.0		mg/Kg		07/26/22 11:50	07/27/22 15:22	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-31 2' Lab Sample ID: 880-17204-31

Date Collected: 07/19/22 12:30 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/26/22 11:50	07/27/22 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*07/26/22 11:50*	*07/27/22 15:22*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*07/26/22 11:50*	*07/27/22 15:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.04		mg/Kg			07/26/22 09:49	1

Client Sample ID: C-32 2' Lab Sample ID: 880-17204-32

Date Collected: 07/19/22 12:31 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:00	07/27/22 19:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:00	07/27/22 19:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:00	07/27/22 19:23	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/27/22 10:00	07/27/22 19:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:00	07/27/22 19:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/27/22 10:00	07/27/22 19:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/27/22 10:00*	*07/27/22 19:23*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/27/22 10:00*	*07/27/22 19:23*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**235**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 15:44	1
Diesel Range Organics (Over C10-C28)	**235**		49.9		mg/Kg		07/26/22 11:50	07/27/22 15:44	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*07/26/22 11:50*	*07/27/22 15:44*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*07/26/22 11:50*	*07/27/22 15:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.4**		5.02		mg/Kg			07/26/22 09:58	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-33 2'

Date Collected: 07/19/22 12:32
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-33

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		07/27/22 10:00	07/27/22 19:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:00	07/27/22 19:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:00	07/27/22 19:43	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/27/22 10:00	07/27/22 19:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:00	07/27/22 19:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/27/22 10:00	07/27/22 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/27/22 10:00*	*07/27/22 19:43*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/27/22 10:00*	*07/27/22 19:43*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**207**		49.8		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 11:50	07/27/22 16:05	1
Diesel Range Organics (Over C10-C28)	**207**		49.8		mg/Kg		07/26/22 11:50	07/27/22 16:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/22 11:50	07/27/22 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*07/26/22 11:50*	*07/27/22 16:05*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*07/26/22 11:50*	*07/27/22 16:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		5.00		mg/Kg			07/26/22 10:07	1

Client Sample ID: C-34 2'

Date Collected: 07/19/22 12:33
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-34

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		08/02/22 09:44	08/02/22 17:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 17:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 17:02	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		08/02/22 09:44	08/02/22 17:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 17:02	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		08/02/22 09:44	08/02/22 17:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*08/02/22 09:44*	*08/02/22 17:02*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*08/02/22 09:44*	*08/02/22 17:02*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-34 2' Lab Sample ID: 880-17204-34

Date Collected: 07/19/22 12:33 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**332**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 16:27	1
Diesel Range Organics (Over C10-C28)	**332**		50.0		mg/Kg		07/26/22 11:50	07/27/22 16:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*07/26/22 11:50*	*07/27/22 16:27*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/26/22 11:50*	*07/27/22 16:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**110**		5.00		mg/Kg			07/26/22 10:16	1

Client Sample ID: C-35 2' Lab Sample ID: 880-17204-35

Date Collected: 07/19/22 12:34 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/28/22 06:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/28/22 06:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/28/22 06:35	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/27/22 10:51	07/28/22 06:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/28/22 06:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/27/22 10:51	07/28/22 06:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/27/22 10:51*	*07/28/22 06:35*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/27/22 10:51*	*07/28/22 06:35*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**380**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 16:49	1
Diesel Range Organics (Over C10-C28)	**380**		50.0		mg/Kg		07/26/22 11:50	07/27/22 16:49	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-35 2' Lab Sample ID: 880-17204-35

Date Collected: 07/19/22 12:34 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/26/22 11:50	07/27/22 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*07/26/22 11:50*	*07/27/22 16:49*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/26/22 11:50*	*07/27/22 16:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		5.01		mg/Kg			07/26/22 10:26	1

Client Sample ID: C- 36 0-1.5' Lab Sample ID: 880-17204-36

Date Collected: 07/19/22 12:35 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/28/22 06:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/28/22 06:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/28/22 06:55	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/27/22 10:51	07/28/22 06:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/28/22 06:55	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/27/22 10:51	07/28/22 06:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/27/22 10:51*	*07/28/22 06:55*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/27/22 10:51*	*07/28/22 06:55*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 17:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 17:10	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*07/26/22 11:50*	*07/27/22 17:10*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*07/26/22 11:50*	*07/27/22 17:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**40.7**		4.98		mg/Kg			07/27/22 20:20	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-37 0-2'

Lab Sample ID: 880-17204-37
Matrix: Solid
Date Collected: 07/19/22 12:36
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 07:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 07:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 07:15	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/27/22 10:51	07/28/22 07:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 07:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/27/22 10:51	07/28/22 07:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/27/22 10:51*	*07/28/22 07:15*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/27/22 10:51*	*07/28/22 07:15*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 17:32	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 17:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*07/26/22 11:50*	*07/27/22 17:32*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*07/26/22 11:50*	*07/27/22 17:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.2**		4.96		mg/Kg			07/27/22 20:48	1

Client Sample ID: C-38 0-2'

Lab Sample ID: 880-17204-38
Matrix: Solid
Date Collected: 07/19/22 12:37
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 07:36	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 07:36	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 07:36	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/27/22 10:51	07/28/22 07:36	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/27/22 10:51	07/28/22 07:36	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/27/22 10:51	07/28/22 07:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/27/22 10:51*	*07/28/22 07:36*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/27/22 10:51*	*07/28/22 07:36*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-38 0-2'

Lab Sample ID: 880-17204-38
Matrix: Solid
Date Collected: 07/19/22 12:37
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**54.7**		49.8		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 11:50	07/27/22 17:54	1
Diesel Range Organics (Over C10-C28)	**54.7**		49.8		mg/Kg		07/26/22 11:50	07/27/22 17:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/22 11:50	07/27/22 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*07/26/22 11:50*	*07/27/22 17:54*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*07/26/22 11:50*	*07/27/22 17:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.2**		5.00		mg/Kg			07/27/22 20:57	1

Client Sample ID: C-39 0-2'

Lab Sample ID: 880-17204-39
Matrix: Solid
Date Collected: 07/19/22 12:38
Date Received: 07/21/22 11:12

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		07/25/22 12:44	07/30/22 13:26	1
Toluene	<0.00199	U F1	0.00199		mg/Kg		07/25/22 12:44	07/30/22 13:26	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		07/25/22 12:44	07/30/22 13:26	1
m,p-Xylenes	<0.00398	U F1	0.00398		mg/Kg		07/25/22 12:44	07/30/22 13:26	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		07/25/22 12:44	07/30/22 13:26	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		07/25/22 12:44	07/30/22 13:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/25/22 12:44*	*07/30/22 13:26*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/25/22 12:44*	*07/30/22 13:26*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**68.9**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 18:16	1
Diesel Range Organics (Over C10-C28)	**68.9**		49.9		mg/Kg		07/26/22 11:50	07/27/22 18:16	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-39 0-2' Lab Sample ID: 880-17204-39

Date Collected: 07/19/22 12:38 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/26/22 11:50	07/27/22 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*07/26/22 11:50*	*07/27/22 18:16*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*07/26/22 11:50*	*07/27/22 18:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.9**		5.00		mg/Kg			07/27/22 21:06	1

Client Sample ID: C-40 0-2' Lab Sample ID: 880-17204-40

Date Collected: 07/19/22 12:39 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 13:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 13:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 13:47	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/25/22 12:44	07/30/22 13:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 13:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/22 12:44	07/30/22 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/25/22 12:44*	*07/30/22 13:47*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/25/22 12:44*	*07/30/22 13:47*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**61.3**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 18:38	1
Diesel Range Organics (Over C10-C28)	**61.3**		49.9		mg/Kg		07/26/22 11:50	07/27/22 18:38	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 11:50	07/27/22 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*07/26/22 11:50*	*07/27/22 18:38*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*07/26/22 11:50*	*07/27/22 18:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.9**		5.00		mg/Kg			07/27/22 21:16	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-41 0-2'

Date Collected: 07/19/22 12:40
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-41

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		07/25/22 12:44	07/30/22 14:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 14:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 14:08	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/25/22 12:44	07/30/22 14:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 14:08	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/25/22 12:44	07/30/22 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*07/25/22 12:44*	*07/30/22 14:08*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*07/25/22 12:44*	*07/30/22 14:08*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**135**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/27/22 20:27	1
Diesel Range Organics (Over C10-C28)	**135**	**F1**	50.0		mg/Kg		07/26/22 14:05	07/27/22 20:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/27/22 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*07/26/22 14:05*	*07/27/22 20:27*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*07/26/22 14:05*	*07/27/22 20:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**126**		5.03		mg/Kg			07/27/22 21:43	1

Client Sample ID: C-42 0-2'

Date Collected: 07/19/22 12:41
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-42

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		07/25/22 12:44	07/30/22 14:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 14:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 14:28	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 12:44	07/30/22 14:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 14:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 12:44	07/30/22 14:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/25/22 12:44*	*07/30/22 14:28*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/25/22 12:44*	*07/30/22 14:28*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-42 0-2'

Lab Sample ID: 880-17204-42
Matrix: Solid
Date Collected: 07/19/22 12:41
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**87.5**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/27/22 21:32	1
Diesel Range Organics (Over C10-C28)	**87.5**		49.9		mg/Kg		07/26/22 14:05	07/27/22 21:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/27/22 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*07/26/22 14:05*	*07/27/22 21:32*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*07/26/22 14:05*	*07/27/22 21:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**180**		5.02		mg/Kg			07/27/22 21:53	1

Client Sample ID: C-43 0-2'

Lab Sample ID: 880-17204-43
Matrix: Solid
Date Collected: 07/19/22 12:42
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 14:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 14:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 14:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 12:44	07/30/22 14:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 14:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 12:44	07/30/22 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/25/22 12:44*	*07/30/22 14:49*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/25/22 12:44*	*07/30/22 14:49*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**636**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/27/22 21:54	1
Diesel Range Organics (Over C10-C28)	**636**		50.0		mg/Kg		07/26/22 14:05	07/27/22 21:54	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-43 0-2' Lab Sample ID: 880-17204-43

Date Collected: 07/19/22 12:42 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/26/22 14:05	07/27/22 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*07/26/22 14:05*	*07/27/22 21:54*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*07/26/22 14:05*	*07/27/22 21:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.5**		4.99		mg/Kg			07/27/22 22:02	1

Client Sample ID: C-44 0-1.5' Lab Sample ID: 880-17204-44

Date Collected: 07/19/22 12:43 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 15:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 15:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 15:10	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 12:44	07/30/22 15:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 15:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 12:44	07/30/22 15:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/25/22 12:44*	*07/30/22 15:10*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/25/22 12:44*	*07/30/22 15:10*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/27/22 22:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/27/22 22:15	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/27/22 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*07/26/22 14:05*	*07/27/22 22:15*	*1*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*	*07/26/22 14:05*	*07/27/22 22:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**24.2**		4.96		mg/Kg			07/27/22 22:11	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-45 2

Date Collected: 07/19/22 13:30
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-45

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/25/22 12:44	07/30/22 15:31	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/22 12:44	07/30/22 15:31	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/22 12:44	07/30/22 15:31	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/25/22 12:44	07/30/22 15:31	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/22 12:44	07/30/22 15:31	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/25/22 12:44	07/30/22 15:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/25/22 12:44*	*07/30/22 15:31*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*07/25/22 12:44*	*07/30/22 15:31*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**332**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/27/22 22:37	1
Diesel Range Organics (Over C10-C28)	**332**		49.9		mg/Kg		07/26/22 14:05	07/27/22 22:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/27/22 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*07/26/22 14:05*	*07/27/22 22:37*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*07/26/22 14:05*	*07/27/22 22:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**191**		5.01		mg/Kg			07/27/22 22:20	1

Client Sample ID: C-46 2

Date Collected: 07/19/22 13:31
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-46

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		07/25/22 12:44	07/30/22 15:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 15:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 15:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 12:44	07/30/22 15:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 15:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 12:44	07/30/22 15:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/25/22 12:44*	*07/30/22 15:51*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*07/25/22 12:44*	*07/30/22 15:51*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-46 2

Date Collected: 07/19/22 13:31
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-46

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**264**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/27/22 22:59	1
Diesel Range Organics (Over C10-C28)	**264**		49.9		mg/Kg		07/26/22 14:05	07/27/22 22:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/27/22 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*07/26/22 14:05*	*07/27/22 22:59*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*07/26/22 14:05*	*07/27/22 22:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.9**		5.00		mg/Kg			07/27/22 22:29	1

Client Sample ID: C-47 2

Date Collected: 07/19/22 13:32
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-47

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		07/25/22 12:44	07/30/22 16:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 16:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 16:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 12:44	07/30/22 16:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 16:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 12:44	07/30/22 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/25/22 12:44*	*07/30/22 16:12*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*07/25/22 12:44*	*07/30/22 16:12*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/27/22 23:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/27/22 23:21	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-47 2

Date Collected: 07/19/22 13:32
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-47

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		07/26/22 14:05	07/27/22 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*07/26/22 14:05*	*07/27/22 23:21*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*07/26/22 14:05*	*07/27/22 23:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.3**		5.00		mg/Kg			07/27/22 22:57	1

Client Sample ID: C-48 2

Date Collected: 07/19/22 13:33
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-48

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		07/25/22 12:44	07/30/22 16:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 16:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 16:33	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/25/22 12:44	07/30/22 16:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 16:33	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/25/22 12:44	07/30/22 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/25/22 12:44*	*07/30/22 16:33*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/25/22 12:44*	*07/30/22 16:33*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**325**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/27/22 23:42	1
Diesel Range Organics (Over C10-C28)	**325**		49.9		mg/Kg		07/26/22 14:05	07/27/22 23:42	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/27/22 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/26/22 14:05*	*07/27/22 23:42*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*07/26/22 14:05*	*07/27/22 23:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**254**		4.96		mg/Kg			07/27/22 23:06	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-49 2

Date Collected: 07/19/22 13:34
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-49

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		07/25/22 12:44	07/30/22 20:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 20:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 20:31	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 12:44	07/30/22 20:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 20:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 12:44	07/30/22 20:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*07/25/22 12:44*	*07/30/22 20:31*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*07/25/22 12:44*	*07/30/22 20:31*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**181**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/28/22 00:04	1
Diesel Range Organics (Over C10-C28)	**181**		50.0		mg/Kg		07/26/22 14:05	07/28/22 00:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/28/22 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*07/26/22 14:05*	*07/28/22 00:04*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/26/22 14:05*	*07/28/22 00:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**752**		4.95		mg/Kg			07/27/22 23:34	1

Client Sample ID: C-50 2

Date Collected: 07/19/22 13:35
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-50

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		07/25/22 12:44	07/30/22 20:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 20:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 20:52	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/25/22 12:44	07/30/22 20:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 20:52	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/22 12:44	07/30/22 20:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/25/22 12:44*	*07/30/22 20:52*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*07/25/22 12:44*	*07/30/22 20:52*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-50 2

Date Collected: 07/19/22 13:35
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-50

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1080**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/28/22 00:25	1
Diesel Range Organics (Over C10-C28)	**1080**		50.0		mg/Kg		07/26/22 14:05	07/28/22 00:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/28/22 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*07/26/22 14:05*	*07/28/22 00:25*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*07/26/22 14:05*	*07/28/22 00:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**183**		4.95		mg/Kg			07/27/22 23:43	1

Client Sample ID: C-51 2

Date Collected: 07/19/22 13:36
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-51

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		07/25/22 12:44	07/30/22 21:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 21:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 21:13	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 12:44	07/30/22 21:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 21:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 12:44	07/30/22 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/25/22 12:44*	*07/30/22 21:13*	*1*
1,4-Difluorobenzene (Surr)	*124*		*70 - 130*	*07/25/22 12:44*	*07/30/22 21:13*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**270**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/28/22 01:07	1
Diesel Range Organics (Over C10-C28)	**270**		50.0		mg/Kg		07/26/22 14:05	07/28/22 01:07	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-51 2

Date Collected: 07/19/22 13:36
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-51

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		07/26/22 14:05	07/28/22 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*07/26/22 14:05*	*07/28/22 01:07*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/26/22 14:05*	*07/28/22 01:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**189**		5.04		mg/Kg			07/27/22 23:52	1

Client Sample ID: C-52 2

Date Collected: 07/19/22 13:37
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-52

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		07/25/22 12:44	07/30/22 21:33	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 21:33	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 21:33	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 12:44	07/30/22 21:33	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 21:33	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 12:44	07/30/22 21:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*07/25/22 12:44*	*07/30/22 21:33*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*07/25/22 12:44*	*07/30/22 21:33*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**253**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/28/22 01:28	1
Diesel Range Organics (Over C10-C28)	**253**		49.9		mg/Kg		07/26/22 14:05	07/28/22 01:28	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/28/22 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*07/26/22 14:05*	*07/28/22 01:28*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*07/26/22 14:05*	*07/28/22 01:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**425**		5.03		mg/Kg			07/28/22 00:02	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-53 2

Date Collected: 07/19/22 13:38
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-53

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		07/25/22 12:44	07/30/22 21:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 21:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 21:54	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/25/22 12:44	07/30/22 21:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 21:54	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/25/22 12:44	07/30/22 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 12:44*	*07/30/22 21:54*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/25/22 12:44*	*07/30/22 21:54*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**181**		49.8		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 14:05	07/28/22 01:49	1
Diesel Range Organics (Over C10-C28)	**181**		49.8		mg/Kg		07/26/22 14:05	07/28/22 01:49	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/22 14:05	07/28/22 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*07/26/22 14:05*	*07/28/22 01:49*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/26/22 14:05*	*07/28/22 01:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**64.3**		4.99		mg/Kg			07/28/22 00:11	1

Client Sample ID: C-54 2

Date Collected: 07/19/22 13:39
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-54

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		07/25/22 12:44	07/30/22 22:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 22:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 22:15	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 12:44	07/30/22 22:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 12:44	07/30/22 22:15	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 12:44	07/30/22 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*07/25/22 12:44*	*07/30/22 22:15*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*07/25/22 12:44*	*07/30/22 22:15*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-54 2

Date Collected: 07/19/22 13:39
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-54

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**111**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/28/22 02:10	1
Diesel Range Organics (Over C10-C28)	**111**		50.0		mg/Kg		07/26/22 14:05	07/28/22 02:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/28/22 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*07/26/22 14:05*	*07/28/22 02:10*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/26/22 14:05*	*07/28/22 02:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**109**		4.97		mg/Kg			07/28/22 00:20	1

Client Sample ID: C-55 2

Date Collected: 07/19/22 13:40
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-55

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		07/25/22 12:44	07/30/22 22:36	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/22 12:44	07/30/22 22:36	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/22 12:44	07/30/22 22:36	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/25/22 12:44	07/30/22 22:36	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/22 12:44	07/30/22 22:36	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/25/22 12:44	07/30/22 22:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/25/22 12:44*	*07/30/22 22:36*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*07/25/22 12:44*	*07/30/22 22:36*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**355**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/28/22 02:32	1
Diesel Range Organics (Over C10-C28)	**355**		50.0		mg/Kg		07/26/22 14:05	07/28/22 02:32	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-55 2

Date Collected: 07/19/22 13:40
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-55

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		07/26/22 14:05	07/28/22 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*07/26/22 14:05*	*07/28/22 02:32*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*07/26/22 14:05*	*07/28/22 02:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		5.05		mg/Kg			07/28/22 00:29	1

Client Sample ID: C-56 2

Date Collected: 07/19/22 13:41
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-56

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		07/25/22 12:44	07/30/22 22:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 22:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 22:56	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 12:44	07/30/22 22:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 12:44	07/30/22 22:56	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 12:44	07/30/22 22:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/25/22 12:44*	*07/30/22 22:56*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*07/25/22 12:44*	*07/30/22 22:56*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**116**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/28/22 02:53	1
Diesel Range Organics (Over C10-C28)	**116**		50.0		mg/Kg		07/26/22 14:05	07/28/22 02:53	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/28/22 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*07/26/22 14:05*	*07/28/22 02:53*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*07/26/22 14:05*	*07/28/22 02:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		5.04		mg/Kg			07/27/22 09:44	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-57 2

Date Collected: 07/19/22 13:42
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-57

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		07/25/22 12:44	07/30/22 23:17	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:44	07/30/22 23:17	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:44	07/30/22 23:17	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/25/22 12:44	07/30/22 23:17	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:44	07/30/22 23:17	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/25/22 12:44	07/30/22 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/25/22 12:44*	*07/30/22 23:17*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*07/25/22 12:44*	*07/30/22 23:17*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**273**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/28/22 03:14	1
Diesel Range Organics (Over C10-C28)	**273**		49.9		mg/Kg		07/26/22 14:05	07/28/22 03:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/28/22 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*07/26/22 14:05*	*07/28/22 03:14*	*1*
o-Terphenyl (Surr)	*129*		*70 - 130*	*07/26/22 14:05*	*07/28/22 03:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**108**		5.05		mg/Kg			07/27/22 10:12	1

Client Sample ID: C-58 2

Date Collected: 07/19/22 13:43
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-58

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		07/25/22 12:44	07/30/22 23:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:44	07/30/22 23:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:44	07/30/22 23:38	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/25/22 12:44	07/30/22 23:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 12:44	07/30/22 23:38	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/25/22 12:44	07/30/22 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/25/22 12:44*	*07/30/22 23:38*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*07/25/22 12:44*	*07/30/22 23:38*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-58 2 Lab Sample ID: 880-17204-58

Date Collected: 07/19/22 13:43 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**281**		49.8		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 14:05	07/28/22 03:35	1
Diesel Range Organics (Over C10-C28)	**281**		49.8		mg/Kg		07/26/22 14:05	07/28/22 03:35	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/22 14:05	07/28/22 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*07/26/22 14:05*	*07/28/22 03:35*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*07/26/22 14:05*	*07/28/22 03:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**125**		5.02		mg/Kg			07/27/22 10:21	1

Client Sample ID: C-59 2 Lab Sample ID: 880-17204-59

Date Collected: 07/19/22 13:44 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:01	07/30/22 12:19	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:01	07/30/22 12:19	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		07/25/22 14:01	07/30/22 12:19	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 14:01	07/30/22 12:19	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:01	07/30/22 12:19	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 14:01	07/30/22 12:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/25/22 14:01*	*07/30/22 12:19*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/25/22 14:01*	*07/30/22 12:19*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**217**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/28/22 03:57	1
Diesel Range Organics (Over C10-C28)	**217**		49.9		mg/Kg		07/26/22 14:05	07/28/22 03:57	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-59 2

Date Collected: 07/19/22 13:44
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-59

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		07/26/22 14:05	07/28/22 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*07/26/22 14:05*	*07/28/22 03:57*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*07/26/22 14:05*	*07/28/22 03:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.2**		4.99		mg/Kg			07/27/22 10:30	1

Client Sample ID: C-60 2

Date Collected: 07/19/22 13:45
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-60

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		07/25/22 14:01	07/30/22 12:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:01	07/30/22 12:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:01	07/30/22 12:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 14:01	07/30/22 12:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:01	07/30/22 12:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 14:01	07/30/22 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/25/22 14:01*	*07/30/22 12:39*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/25/22 14:01*	*07/30/22 12:39*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**71.1**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/28/22 04:18	1
Diesel Range Organics (Over C10-C28)	**71.1**		49.9		mg/Kg		07/26/22 14:05	07/28/22 04:18	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:05	07/28/22 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*07/26/22 14:05*	*07/28/22 04:18*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*07/26/22 14:05*	*07/28/22 04:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		4.98		mg/Kg			07/27/22 10:39	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-61 2'

Lab Sample ID: 880-17204-61
Matrix: Solid
Date Collected: 07/19/22 13:46
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 13:00	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 13:00	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 13:00	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/25/22 14:01	07/30/22 13:00	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 13:00	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/25/22 14:01	07/30/22 13:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/25/22 14:01*	*07/30/22 13:00*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/25/22 14:01*	*07/30/22 13:00*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**256**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 10:41	1
Diesel Range Organics (Over C10-C28)	**256**	**F1**	50.0		mg/Kg		07/26/22 14:08	07/27/22 10:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 10:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*07/26/22 14:08*	*07/27/22 10:41*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*07/26/22 14:08*	*07/27/22 10:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**116**		4.98		mg/Kg			07/27/22 15:16	1

Client Sample ID: C-62 2'

Lab Sample ID: 880-17204-62
Matrix: Solid
Date Collected: 07/19/22 13:47
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 13:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 13:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 13:20	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 14:01	07/30/22 13:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 13:20	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 14:01	07/30/22 13:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/25/22 14:01*	*07/30/22 13:20*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/25/22 14:01*	*07/30/22 13:20*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-62 2' Lab Sample ID: 880-17204-62

Date Collected: 07/19/22 13:47 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1050**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 11:46	1
Diesel Range Organics (Over C10-C28)	**931**		49.9		mg/Kg		07/26/22 14:08	07/27/22 11:46	1
Oil Range Organics (Over C28-C36)	**117**		49.9		mg/Kg		07/26/22 14:08	07/27/22 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*07/26/22 14:08*	*07/27/22 11:46*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*07/26/22 14:08*	*07/27/22 11:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**113**		5.02		mg/Kg			07/27/22 15:26	1

Client Sample ID: C-63 2' Lab Sample ID: 880-17204-63

Date Collected: 07/19/22 13:48 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 13:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 13:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 13:41	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/25/22 14:01	07/30/22 13:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 13:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/22 14:01	07/30/22 13:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/25/22 14:01*	*07/30/22 13:41*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*07/25/22 14:01*	*07/30/22 13:41*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**219**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 12:07	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-63 2' Lab Sample ID: 880-17204-63

Date Collected: 07/19/22 13:48 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**219**		50.0		mg/Kg		07/26/22 14:08	07/27/22 12:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*68*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 12:07*	*1*
o-Terphenyl (Surr)	*72*		*70 - 130*	*07/26/22 14:08*	*07/27/22 12:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**441**		4.96		mg/Kg			07/27/22 15:35	1

Client Sample ID: C-64 2' Lab Sample ID: 880-17204-64

Date Collected: 07/19/22 13:49 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 14:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 14:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 14:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 14:01	07/30/22 14:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 14:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 14:01	07/30/22 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/25/22 14:01*	*07/30/22 14:01*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:01*	*07/30/22 14:01*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**145**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 12:29	1
Diesel Range Organics (Over C10-C28)	**145**		50.0		mg/Kg		07/26/22 14:08	07/27/22 12:29	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*07/26/22 14:08*	*07/27/22 12:29*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*07/26/22 14:08*	*07/27/22 12:29*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.6**		5.01		mg/Kg			07/27/22 15:44	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-65 2'

Lab Sample ID: 880-17204-65
Matrix: Solid
Date Collected: 07/19/22 13:50
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 14:22	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 14:22	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 14:22	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 14:01	07/30/22 14:22	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 14:22	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 14:01	07/30/22 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/25/22 14:01*	*07/30/22 14:22*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/25/22 14:01*	*07/30/22 14:22*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**145**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 12:51	1
Diesel Range Organics (Over C10-C28)	**145**		49.9		mg/Kg		07/26/22 14:08	07/27/22 12:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*63*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 12:51*	*1*
o-Terphenyl (Surr)	*65*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 12:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**167**		5.00		mg/Kg			07/27/22 15:53	1

Client Sample ID: C-66 2'

Lab Sample ID: 880-17204-66
Matrix: Solid
Date Collected: 07/19/22 13:51
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 14:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 14:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 14:42	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/25/22 14:01	07/30/22 14:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 14:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/25/22 14:01	07/30/22 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/25/22 14:01*	*07/30/22 14:42*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:01*	*07/30/22 14:42*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-66 2' — Lab Sample ID: 880-17204-66

Date Collected: 07/19/22 13:51 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**678**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 13:12	1
Diesel Range Organics (Over C10-C28)	**610**		49.9		mg/Kg		07/26/22 14:08	07/27/22 13:12	1
Oil Range Organics (Over C28-C36)	**68.2**		49.9		mg/Kg		07/26/22 14:08	07/27/22 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*07/26/22 14:08*	*07/27/22 13:12*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*07/26/22 14:08*	*07/27/22 13:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**183**	**F1**	5.03		mg/Kg			07/27/22 16:02	1

Client Sample ID: C-67 2' — Lab Sample ID: 880-17204-67

Date Collected: 07/19/22 13:52 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 15:03	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 15:03	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 15:03	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		07/25/22 14:01	07/30/22 15:03	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 15:03	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/25/22 14:01	07/30/22 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/25/22 14:01*	*07/30/22 15:03*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:01*	*07/30/22 15:03*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**86.7**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 13:34	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-67 2' Lab Sample ID: 880-17204-67

Date Collected: 07/19/22 13:52 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**86.7**		49.9		mg/Kg		07/26/22 14:08	07/27/22 13:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*07/26/22 14:08*	*07/27/22 13:34*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*07/26/22 14:08*	*07/27/22 13:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**285**		4.95		mg/Kg			07/27/22 16:30	1

Client Sample ID: C-68 2' Lab Sample ID: 880-17204-68

Date Collected: 07/19/22 13:53 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 15:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 15:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 15:23	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 14:01	07/30/22 15:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 15:23	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 14:01	07/30/22 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/25/22 14:01*	*07/30/22 15:23*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:01*	*07/30/22 15:23*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**343**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 13:56	1
Diesel Range Organics (Over C10-C28)	**343**		49.9		mg/Kg		07/26/22 14:08	07/27/22 13:56	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*07/26/22 14:08*	*07/27/22 13:56*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*07/26/22 14:08*	*07/27/22 13:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**130**		4.97		mg/Kg			07/27/22 16:39	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-69 2'

Date Collected: 07/19/22 13:54
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-69

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		07/25/22 14:01	07/30/22 16:46	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 16:46	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 16:46	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/25/22 14:01	07/30/22 16:46	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 16:46	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/25/22 14:01	07/30/22 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/25/22 14:01*	*07/30/22 16:46*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/25/22 14:01*	*07/30/22 16:46*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**127**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 14:17	1
Diesel Range Organics (Over C10-C28)	**127**		50.0		mg/Kg		07/26/22 14:08	07/27/22 14:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*78*		*70 - 130*	*07/26/22 14:08*	*07/27/22 14:17*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*07/26/22 14:08*	*07/27/22 14:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		4.96		mg/Kg			07/27/22 18:11	1

Client Sample ID: C-70 2'

Date Collected: 07/19/22 13:55
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-70

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		07/25/22 14:01	07/30/22 17:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 17:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 17:06	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/25/22 14:01	07/30/22 17:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 17:06	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/25/22 14:01	07/30/22 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/25/22 14:01*	*07/30/22 17:06*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/25/22 14:01*	*07/30/22 17:06*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-70 2' Lab Sample ID: 880-17204-70

Date Collected: 07/19/22 13:55 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**270**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 14:39	1
Diesel Range Organics (Over C10-C28)	**270**		50.0		mg/Kg		07/26/22 14:08	07/27/22 14:39	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*07/26/22 14:08*	*07/27/22 14:39*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*07/26/22 14:08*	*07/27/22 14:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		4.96		mg/Kg			07/27/22 18:21	1

Client Sample ID: C-71 2' Lab Sample ID: 880-17204-71

Date Collected: 07/19/22 13:56 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 17:27	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 17:27	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 17:27	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/25/22 14:01	07/30/22 17:27	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 17:27	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/25/22 14:01	07/30/22 17:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/25/22 14:01*	*07/30/22 17:27*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/25/22 14:01*	*07/30/22 17:27*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**132**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 15:22	1
Diesel Range Organics (Over C10-C28)	**132**		50.0		mg/Kg		07/26/22 14:08	07/27/22 15:22	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-71 2' Lab Sample ID: 880-17204-71

Date Collected: 07/19/22 13:56 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/26/22 14:08	07/27/22 15:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*07/26/22 14:08*	*07/27/22 15:22*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*07/26/22 14:08*	*07/27/22 15:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**168**		5.02		mg/Kg			07/27/22 18:30	1

Client Sample ID: C-72 2' Lab Sample ID: 880-17204-72

Date Collected: 07/19/22 13:57 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 17:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 17:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 17:47	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/25/22 14:01	07/30/22 17:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 17:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/25/22 14:01	07/30/22 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/25/22 14:01*	*07/30/22 17:47*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/25/22 14:01*	*07/30/22 17:47*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**203**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 15:44	1
Diesel Range Organics (Over C10-C28)	**203**		49.9		mg/Kg		07/26/22 14:08	07/27/22 15:44	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*07/26/22 14:08*	*07/27/22 15:44*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*07/26/22 14:08*	*07/27/22 15:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**198**		4.95		mg/Kg			07/27/22 18:39	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-73 2'

Date Collected: 07/19/22 13:58
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-73

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		07/25/22 14:01	07/30/22 18:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:01	07/30/22 18:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:01	07/30/22 18:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 14:01	07/30/22 18:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:01	07/30/22 18:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 14:01	07/30/22 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/25/22 14:01*	*07/30/22 18:08*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:01*	*07/30/22 18:08*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**539**		49.8		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 14:08	07/27/22 16:05	1
Diesel Range Organics (Over C10-C28)	**539**		49.8		mg/Kg		07/26/22 14:08	07/27/22 16:05	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/22 14:08	07/27/22 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*62*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 16:05*	*1*
o-Terphenyl (Surr)	*64*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 16:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		5.01		mg/Kg			07/27/22 18:48	1

Client Sample ID: C-74 2'

Date Collected: 07/19/22 13:59
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-74

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		07/25/22 14:01	07/30/22 18:28	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 18:28	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 18:28	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		07/25/22 14:01	07/30/22 18:28	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:01	07/30/22 18:28	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/25/22 14:01	07/30/22 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/25/22 14:01*	*07/30/22 18:28*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:01*	*07/30/22 18:28*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-74 2' Lab Sample ID: 880-17204-74

Date Collected: 07/19/22 13:59 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**782**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 16:27	1
Diesel Range Organics (Over C10-C28)	**726**		50.0		mg/Kg		07/26/22 14:08	07/27/22 16:27	1
Oil Range Organics (Over C28-C36)	**56.0**		50.0		mg/Kg		07/26/22 14:08	07/27/22 16:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*66*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 16:27*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*07/26/22 14:08*	*07/27/22 16:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.3**		4.99		mg/Kg			07/27/22 18:58	1

Client Sample ID: C-75 2' Lab Sample ID: 880-17204-75

Date Collected: 07/19/22 14:00 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 18:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 18:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 18:49	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/25/22 14:01	07/30/22 18:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 18:49	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/22 14:01	07/30/22 18:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/25/22 14:01*	*07/30/22 18:49*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/25/22 14:01*	*07/30/22 18:49*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**167**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 16:49	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-75 2'

Date Collected: 07/19/22 14:00
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-75
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**167**		50.0		mg/Kg		07/26/22 14:08	07/27/22 16:49	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*65*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 16:49*	*1*
o-Terphenyl (Surr)	*66*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 16:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		5.03		mg/Kg			07/27/22 19:07	1

Client Sample ID: C-76 2'

Date Collected: 07/19/22 14:01
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-76
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		07/25/22 14:01	07/30/22 19:09	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 19:09	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 19:09	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/25/22 14:01	07/30/22 19:09	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 19:09	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/25/22 14:01	07/30/22 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/25/22 14:01*	*07/30/22 19:09*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/25/22 14:01*	*07/30/22 19:09*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**455**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 17:10	1
Diesel Range Organics (Over C10-C28)	**455**		50.0		mg/Kg		07/26/22 14:08	07/27/22 17:10	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*07/26/22 14:08*	*07/27/22 17:10*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*07/26/22 14:08*	*07/27/22 17:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		4.99		mg/Kg			07/27/22 21:05	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-77 2'

Lab Sample ID: 880-17204-77
Matrix: Solid
Date Collected: 07/19/22 14:02
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 19:30	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 19:30	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 19:30	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 14:01	07/30/22 19:30	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:01	07/30/22 19:30	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 14:01	07/30/22 19:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/25/22 14:01*	*07/30/22 19:30*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/25/22 14:01*	*07/30/22 19:30*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**166**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 17:32	1
Diesel Range Organics (Over C10-C28)	**166**		49.9		mg/Kg		07/26/22 14:08	07/27/22 17:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 17:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 17:32*	*1*
o-Terphenyl (Surr)	*68*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 17:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		4.96		mg/Kg			07/27/22 21:29	1

Client Sample ID: C-78 2'

Lab Sample ID: 880-17204-78
Matrix: Solid
Date Collected: 07/19/22 14:03
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 19:50	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 19:50	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 19:50	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/25/22 14:01	07/30/22 19:50	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:01	07/30/22 19:50	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/25/22 14:01	07/30/22 19:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/25/22 14:01*	*07/30/22 19:50*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/25/22 14:01*	*07/30/22 19:50*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-78 2' Lab Sample ID: 880-17204-78

Date Collected: 07/19/22 14:03 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**270**		49.8		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 14:08	07/27/22 17:54	1
Diesel Range Organics (Over C10-C28)	**270**		49.8		mg/Kg		07/26/22 14:08	07/27/22 17:54	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/22 14:08	07/27/22 17:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*07/26/22 14:08*	*07/27/22 17:54*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*07/26/22 14:08*	*07/27/22 17:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		4.97		mg/Kg			07/27/22 21:37	1

Client Sample ID: C-79 2' Lab Sample ID: 880-17204-79

Date Collected: 07/19/22 14:04 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:08	07/30/22 00:12	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		07/25/22 14:08	07/30/22 00:12	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		07/25/22 14:08	07/30/22 00:12	1
m,p-Xylenes	<0.00402	U F1	0.00402		mg/Kg		07/25/22 14:08	07/30/22 00:12	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		07/25/22 14:08	07/30/22 00:12	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		07/25/22 14:08	07/30/22 00:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*	*07/25/22 14:08*	*07/30/22 00:12*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*07/25/22 14:08*	*07/30/22 00:12*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**151**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 18:16	1
Diesel Range Organics (Over C10-C28)	**151**		49.9		mg/Kg		07/26/22 14:08	07/27/22 18:16	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-79 2' Lab Sample ID: 880-17204-79

Date Collected: 07/19/22 14:04 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/26/22 14:08	07/27/22 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*53*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 18:16*	*1*
o-Terphenyl (Surr)	*55*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 18:16*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**209**		5.00		mg/Kg			07/27/22 21:45	1

Client Sample ID: C-80 2' Lab Sample ID: 880-17204-80

Date Collected: 07/19/22 14:05 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 00:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 00:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 00:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 14:08	07/30/22 00:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 00:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 14:08	07/30/22 00:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:08*	*07/30/22 00:32*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*07/25/22 14:08*	*07/30/22 00:32*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**202**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 18:38	1
Diesel Range Organics (Over C10-C28)	**202**		49.9		mg/Kg		07/26/22 14:08	07/27/22 18:38	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:08	07/27/22 18:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*52*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 18:38*	*1*
o-Terphenyl (Surr)	*52*	*S1-*	*70 - 130*	*07/26/22 14:08*	*07/27/22 18:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**558**		5.00		mg/Kg			07/27/22 21:53	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-81 2'

Lab Sample ID: 880-17204-81
Matrix: Solid
Date Collected: 07/19/22 14:06
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:08	07/30/22 00:53	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:08	07/30/22 00:53	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:08	07/30/22 00:53	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		07/25/22 14:08	07/30/22 00:53	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:08	07/30/22 00:53	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/25/22 14:08	07/30/22 00:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/25/22 14:08*	*07/30/22 00:53*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*07/25/22 14:08*	*07/30/22 00:53*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**101**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		07/26/22 14:59	07/27/22 20:27	1
Diesel Range Organics (Over C10-C28)	**101**	**F1**	50.0		mg/Kg		07/26/22 14:59	07/27/22 20:27	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/27/22 20:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*53*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 20:27*	*1*
o-Terphenyl (Surr)	*52*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 20:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**103**		5.03		mg/Kg			07/27/22 22:16	1

Client Sample ID: C-82 2'

Lab Sample ID: 880-17204-82
Matrix: Solid
Date Collected: 07/20/22 10:00
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 01:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 01:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 01:14	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 14:08	07/30/22 01:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 01:14	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 14:08	07/30/22 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:08*	*07/30/22 01:14*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*07/25/22 14:08*	*07/30/22 01:14*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-82 2'

Date Collected: 07/20/22 10:00
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-82

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**269**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/27/22 21:32	1
Diesel Range Organics (Over C10-C28)	**269**		49.9		mg/Kg		07/26/22 14:59	07/27/22 21:32	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/27/22 21:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*59*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 21:32*	*1*
o-Terphenyl (Surr)	*60*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 21:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		5.01		mg/Kg			07/27/22 22:24	1

Client Sample ID: C-83 2'

Date Collected: 07/20/22 10:01
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-83

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		07/25/22 14:08	07/30/22 01:35	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:08	07/30/22 01:35	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:08	07/30/22 01:35	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 14:08	07/30/22 01:35	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:08	07/30/22 01:35	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 14:08	07/30/22 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/25/22 14:08*	*07/30/22 01:35*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/25/22 14:08*	*07/30/22 01:35*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**193**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/27/22 21:54	1
Diesel Range Organics (Over C10-C28)	**193**		50.0		mg/Kg		07/26/22 14:59	07/27/22 21:54	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-83 2' Lab Sample ID: 880-17204-83

Date Collected: 07/20/22 10:01 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/27/22 21:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*57*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 21:54*	*1*
o-Terphenyl (Surr)	*58*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 21:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**358**		5.04		mg/Kg			07/27/22 22:32	1

Client Sample ID: C-84 2' Lab Sample ID: 880-17204-84

Date Collected: 07/20/22 10:02 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 01:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 01:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 01:55	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/25/22 14:08	07/30/22 01:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 01:55	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/25/22 14:08	07/30/22 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/25/22 14:08*	*07/30/22 01:55*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*07/25/22 14:08*	*07/30/22 01:55*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**475**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/27/22 22:15	1
Diesel Range Organics (Over C10-C28)	**424**		50.0		mg/Kg		07/26/22 14:59	07/27/22 22:15	1
Oil Range Organics (Over C28-C36)	**51.0**		50.0		mg/Kg		07/26/22 14:59	07/27/22 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*58*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 22:15*	*1*
o-Terphenyl (Surr)	*58*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 22:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		5.05		mg/Kg			07/27/22 22:40	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-85 2'

Date Collected: 07/20/22 10:03
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-85

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		07/25/22 14:08	07/30/22 02:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 02:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 02:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 14:08	07/30/22 02:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 02:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 14:08	07/30/22 02:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/25/22 14:08*	*07/30/22 02:16*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*07/25/22 14:08*	*07/30/22 02:16*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**464**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/27/22 22:37	1
Diesel Range Organics (Over C10-C28)	**409**		49.9		mg/Kg		07/26/22 14:59	07/27/22 22:37	1
Oil Range Organics (Over C28-C36)	**54.7**		49.9		mg/Kg		07/26/22 14:59	07/27/22 22:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*62*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 22:37*	*1*
o-Terphenyl (Surr)	*63*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 22:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**195**		4.99		mg/Kg			07/27/22 22:48	1

Client Sample ID: C-86 2'

Date Collected: 07/20/22 10:04
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-86

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		07/25/22 14:08	07/30/22 02:37	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 02:37	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 02:37	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/25/22 14:08	07/30/22 02:37	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 02:37	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/25/22 14:08	07/30/22 02:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:08*	*07/30/22 02:37*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*07/25/22 14:08*	*07/30/22 02:37*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-86 2'

Date Collected: 07/20/22 10:04
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-86

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**259**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/27/22 22:59	1
Diesel Range Organics (Over C10-C28)	**259**		49.9		mg/Kg		07/26/22 14:59	07/27/22 22:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/27/22 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*07/26/22 14:59*	*07/27/22 22:59*	*1*
o-Terphenyl (Surr)	*75*		*70 - 130*	*07/26/22 14:59*	*07/27/22 22:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**398**		4.96		mg/Kg			07/27/22 22:56	1

Client Sample ID: C-87 2'

Date Collected: 07/20/22 10:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-87

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		07/25/22 14:08	07/30/22 02:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:08	07/30/22 02:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:08	07/30/22 02:58	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 14:08	07/30/22 02:58	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:08	07/30/22 02:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 14:08	07/30/22 02:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/25/22 14:08*	*07/30/22 02:58*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*07/25/22 14:08*	*07/30/22 02:58*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**838**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/27/22 23:21	1
Diesel Range Organics (Over C10-C28)	**731**		49.9		mg/Kg		07/26/22 14:59	07/27/22 23:21	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-87 2'
Date Collected: 07/20/22 10:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-87
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	**107**		49.9		mg/Kg		07/26/22 14:59	07/27/22 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*67*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 23:21*	*1*
o-Terphenyl (Surr)	*73*		*70 - 130*	*07/26/22 14:59*	*07/27/22 23:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**331**		5.00		mg/Kg			07/27/22 23:19	1

Client Sample ID: C-88 2'
Date Collected: 07/20/22 10:06
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-88
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		07/25/22 14:08	07/30/22 03:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 03:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 03:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 14:08	07/30/22 03:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 03:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 14:08	07/30/22 03:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/25/22 14:08*	*07/30/22 03:18*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*07/25/22 14:08*	*07/30/22 03:18*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**449**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/27/22 23:42	1
Diesel Range Organics (Over C10-C28)	**391**		49.9		mg/Kg		07/26/22 14:59	07/27/22 23:42	1
Oil Range Organics (Over C28-C36)	**57.5**		49.9		mg/Kg		07/26/22 14:59	07/27/22 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*69*	*S1-*	*70 - 130*	*07/26/22 14:59*	*07/27/22 23:42*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*07/26/22 14:59*	*07/27/22 23:42*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**306**		5.00		mg/Kg			07/27/22 23:27	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-89 2'

Date Collected: 07/20/22 10:07
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-89

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		07/25/22 14:08	07/30/22 04:43	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:08	07/30/22 04:43	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:08	07/30/22 04:43	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		07/25/22 14:08	07/30/22 04:43	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/25/22 14:08	07/30/22 04:43	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/25/22 14:08	07/30/22 04:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*07/25/22 14:08*	*07/30/22 04:43*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/25/22 14:08*	*07/30/22 04:43*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**535**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/28/22 00:04	1
Diesel Range Organics (Over C10-C28)	**452**		50.0		mg/Kg		07/26/22 14:59	07/28/22 00:04	1
Oil Range Organics (Over C28-C36)	**82.9**		50.0		mg/Kg		07/26/22 14:59	07/28/22 00:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*07/26/22 14:59*	*07/28/22 00:04*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*07/26/22 14:59*	*07/28/22 00:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**162**		4.97		mg/Kg			07/27/22 23:51	1

Client Sample ID: C-90 2'

Date Collected: 07/20/22 10:08
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-90

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		07/25/22 14:08	07/30/22 05:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 05:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 05:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/25/22 14:08	07/30/22 05:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 05:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/22 14:08	07/30/22 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/25/22 14:08*	*07/30/22 05:04*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*07/25/22 14:08*	*07/30/22 05:04*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-90 2' Lab Sample ID: 880-17204-90

Date Collected: 07/20/22 10:08 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**714**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/28/22 00:25	1
Diesel Range Organics (Over C10-C28)	**621**		50.0		mg/Kg		07/26/22 14:59	07/28/22 00:25	1
Oil Range Organics (Over C28-C36)	**92.8**		50.0		mg/Kg		07/26/22 14:59	07/28/22 00:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*07/26/22 14:59*	*07/28/22 00:25*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*07/26/22 14:59*	*07/28/22 00:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**408**		4.95		mg/Kg			07/27/22 23:58	1

Client Sample ID: C-91 2' Lab Sample ID: 880-17204-91

Date Collected: 07/20/22 10:09 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 05:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 05:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 05:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 14:08	07/30/22 05:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 05:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 14:08	07/30/22 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/25/22 14:08*	*07/30/22 05:24*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*07/25/22 14:08*	*07/30/22 05:24*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**652**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/28/22 01:07	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-91 2'

Date Collected: 07/20/22 10:09
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-91
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	577		50.0		mg/Kg		07/26/22 14:59	07/28/22 01:07	1
Oil Range Organics (Over C28-C36)	75.3		50.0		mg/Kg		07/26/22 14:59	07/28/22 01:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*07/26/22 14:59*	*07/28/22 01:07*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*07/26/22 14:59*	*07/28/22 01:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	200		5.01		mg/Kg			07/28/22 00:06	1

Client Sample ID: C-92 2'

Date Collected: 07/20/22 10:10
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-92
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		07/25/22 14:08	07/30/22 05:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 05:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 05:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/25/22 14:08	07/30/22 05:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/25/22 14:08	07/30/22 05:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/25/22 14:08	07/30/22 05:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/25/22 14:08*	*07/30/22 05:45*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/25/22 14:08*	*07/30/22 05:45*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	345		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/28/22 01:28	1
Diesel Range Organics (Over C10-C28)	345		49.9		mg/Kg		07/26/22 14:59	07/28/22 01:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/28/22 01:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*07/26/22 14:59*	*07/28/22 01:28*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*07/26/22 14:59*	*07/28/22 01:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	168		5.05		mg/Kg			07/28/22 00:14	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-93 2'

Date Collected: 07/20/22 10:11
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-93

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		07/25/22 14:08	07/30/22 06:06	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 06:06	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 06:06	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/25/22 14:08	07/30/22 06:06	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 06:06	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/25/22 14:08	07/30/22 06:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/25/22 14:08*	*07/30/22 06:06*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*07/25/22 14:08*	*07/30/22 06:06*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1080**		49.8		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 14:59	07/28/22 01:49	1
Diesel Range Organics (Over C10-C28)	**953**		49.8		mg/Kg		07/26/22 14:59	07/28/22 01:49	1
Oil Range Organics (Over C28-C36)	**124**		49.8		mg/Kg		07/26/22 14:59	07/28/22 01:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*07/26/22 14:59*	*07/28/22 01:49*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*07/26/22 14:59*	*07/28/22 01:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**365**		5.05		mg/Kg			07/28/22 00:22	1

Client Sample ID: C-94 2'

Date Collected: 07/20/22 10:12
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-94

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		07/25/22 14:08	07/30/22 06:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 06:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 06:27	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/25/22 14:08	07/30/22 06:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 06:27	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/25/22 14:08	07/30/22 06:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:08*	*07/30/22 06:27*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*07/25/22 14:08*	*07/30/22 06:27*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-94 2' Lab Sample ID: 880-17204-94

Date Collected: 07/20/22 10:12 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**555**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/28/22 02:10	1
Diesel Range Organics (Over C10-C28)	**495**		50.0		mg/Kg		07/26/22 14:59	07/28/22 02:10	1
Oil Range Organics (Over C28-C36)	**59.6**		50.0		mg/Kg		07/26/22 14:59	07/28/22 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*07/26/22 14:59*	*07/28/22 02:10*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*07/26/22 14:59*	*07/28/22 02:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.0**		5.03		mg/Kg			07/28/22 00:30	1

Client Sample ID: C-95 2' Lab Sample ID: 880-17204-95

Date Collected: 07/20/22 10:13 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 06:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 06:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 06:47	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/25/22 14:08	07/30/22 06:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 06:47	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/25/22 14:08	07/30/22 06:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/25/22 14:08*	*07/30/22 06:47*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/25/22 14:08*	*07/30/22 06:47*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**242**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/28/22 02:32	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-95 2' Lab Sample ID: 880-17204-95

Date Collected: 07/20/22 10:13 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**242**		50.0		mg/Kg		07/26/22 14:59	07/28/22 02:32	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/28/22 02:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*07/26/22 14:59*	*07/28/22 02:32*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/26/22 14:59*	*07/28/22 02:32*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		5.03		mg/Kg			07/28/22 00:38	1

Client Sample ID: C-96 2' Lab Sample ID: 880-17204-96

Date Collected: 07/20/22 10:14 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 07:08	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 07:08	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 07:08	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/25/22 14:08	07/30/22 07:08	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/25/22 14:08	07/30/22 07:08	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/25/22 14:08	07/30/22 07:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/25/22 14:08*	*07/30/22 07:08*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*07/25/22 14:08*	*07/30/22 07:08*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**521**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/28/22 02:53	1
Diesel Range Organics (Over C10-C28)	**470**		50.0		mg/Kg		07/26/22 14:59	07/28/22 02:53	1
Oil Range Organics (Over C28-C36)	**50.8**		50.0		mg/Kg		07/26/22 14:59	07/28/22 02:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*07/26/22 14:59*	*07/28/22 02:53*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*07/26/22 14:59*	*07/28/22 02:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**206**		5.05		mg/Kg			07/28/22 07:05	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-97 2'

Date Collected: 07/20/22 10:15
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-97

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		07/25/22 14:08	07/30/22 07:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 07:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 07:29	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 14:08	07/30/22 07:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/30/22 07:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 14:08	07/30/22 07:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/25/22 14:08*	*07/30/22 07:29*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/25/22 14:08*	*07/30/22 07:29*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1010**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/28/22 03:14	1
Diesel Range Organics (Over C10-C28)	**881**		49.9		mg/Kg		07/26/22 14:59	07/28/22 03:14	1
Oil Range Organics (Over C28-C36)	**131**		49.9		mg/Kg		07/26/22 14:59	07/28/22 03:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*07/26/22 14:59*	*07/28/22 03:14*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/26/22 14:59*	*07/28/22 03:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**561**		5.05		mg/Kg			07/28/22 07:33	1

Client Sample ID: C-98 2'

Date Collected: 07/20/22 10:16
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-98

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		07/25/22 14:08	07/30/22 07:50	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:08	07/30/22 07:50	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:08	07/30/22 07:50	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/25/22 14:08	07/30/22 07:50	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/25/22 14:08	07/30/22 07:50	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/25/22 14:08	07/30/22 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/25/22 14:08*	*07/30/22 07:50*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*07/25/22 14:08*	*07/30/22 07:50*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-98 2' Lab Sample ID: 880-17204-98

Date Collected: 07/20/22 10:16 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**603**		49.8		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 14:59	07/28/22 03:35	1
Diesel Range Organics (Over C10-C28)	**535**		49.8		mg/Kg		07/26/22 14:59	07/28/22 03:35	1
Oil Range Organics (Over C28-C36)	**68.0**		49.8		mg/Kg		07/26/22 14:59	07/28/22 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*07/26/22 14:59*	*07/28/22 03:35*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*07/26/22 14:59*	*07/28/22 03:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**240**		4.99		mg/Kg			07/28/22 07:42	1

Client Sample ID: C-99 2' Lab Sample ID: 880-17204-99

Date Collected: 07/20/22 10:17 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F1	0.00201		mg/Kg		07/26/22 13:48	07/31/22 01:35	1
Toluene	<0.00201	U F1	0.00201		mg/Kg		07/26/22 13:48	07/31/22 01:35	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		07/26/22 13:48	07/31/22 01:35	1
m,p-Xylenes	<0.00402	U F1	0.00402		mg/Kg		07/26/22 13:48	07/31/22 01:35	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		07/26/22 13:48	07/31/22 01:35	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		07/26/22 13:48	07/31/22 01:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 13:48*	*07/31/22 01:35*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:48*	*07/31/22 01:35*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**876**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/28/22 03:57	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-99 2'

Lab Sample ID: 880-17204-99
Matrix: Solid
Date Collected: 07/20/22 10:17
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	782		49.9		mg/Kg		07/26/22 14:59	07/28/22 03:57	1
Oil Range Organics (Over C28-C36)	94.3		49.9		mg/Kg		07/26/22 14:59	07/28/22 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*07/26/22 14:59*	*07/28/22 03:57*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*07/26/22 14:59*	*07/28/22 03:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	796		4.97		mg/Kg			07/28/22 07:51	1

Client Sample ID: C-100 2'

Lab Sample ID: 880-17204-100
Matrix: Solid
Date Collected: 07/20/22 10:18
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 01:55	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 01:55	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 01:55	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/26/22 13:48	07/31/22 01:55	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 01:55	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/26/22 13:48	07/31/22 01:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/26/22 13:48*	*07/31/22 01:55*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/26/22 13:48*	*07/31/22 01:55*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	434		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 14:59	07/28/22 04:18	1
Diesel Range Organics (Over C10-C28)	383		49.9		mg/Kg		07/26/22 14:59	07/28/22 04:18	1
Oil Range Organics (Over C28-C36)	50.7		49.9		mg/Kg		07/26/22 14:59	07/28/22 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*07/26/22 14:59*	*07/28/22 04:18*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*07/26/22 14:59*	*07/28/22 04:18*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-100 2' Lab Sample ID: 880-17204-100

Date Collected: 07/20/22 10:18 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**276**		4.97		mg/Kg			07/28/22 08:01	1

Client Sample ID: C-101 2' Lab Sample ID: 880-17204-101

Date Collected: 07/20/22 10:19 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 02:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 02:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 02:15	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:48	07/31/22 02:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 02:15	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:48	07/31/22 02:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 13:48*	*07/31/22 02:15*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:48*	*07/31/22 02:15*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**535**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 11:46	1
Diesel Range Organics (Over C10-C28)	**535**	**F1**	50.0		mg/Kg		07/26/22 15:02	07/28/22 11:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*126*		*70 - 130*	*07/26/22 15:02*	*07/28/22 11:46*	*1*
o-Terphenyl (Surr)	*141*	*S1+*	*70 - 130*	*07/26/22 15:02*	*07/28/22 11:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**221**		4.95		mg/Kg			07/28/22 08:28	1

Client Sample ID: C-102 2' Lab Sample ID: 880-17204-102

Date Collected: 07/20/22 10:20 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 02:36	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 02:36	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 02:36	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-102 2'

Date Collected: 07/20/22 10:20
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-102

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 02:36	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 02:36	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 02:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/26/22 13:48*	*07/31/22 02:36*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/26/22 13:48*	*07/31/22 02:36*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**850**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 12:51	1
Diesel Range Organics (Over C10-C28)	**850**		49.9		mg/Kg		07/26/22 15:02	07/28/22 12:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*07/26/22 15:02*	*07/28/22 12:51*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*07/26/22 15:02*	*07/28/22 12:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**381**		5.00		mg/Kg			07/28/22 08:38	1

Client Sample ID: C-103 2'

Date Collected: 07/20/22 10:21
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-103

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		07/26/22 13:48	07/31/22 02:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 02:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 02:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 02:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 02:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 02:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 13:48*	*07/31/22 02:56*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/26/22 13:48*	*07/31/22 02:56*	*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			07/27/22 10:07	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-103 2'

Lab Sample ID: 880-17204-103
Matrix: Solid
Date Collected: 07/20/22 10:21
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**322**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 13:12	1
Diesel Range Organics (Over C10-C28)	**322**		50.0		mg/Kg		07/26/22 15:02	07/28/22 13:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*07/26/22 15:02*	*07/28/22 13:12*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*07/26/22 15:02*	*07/28/22 13:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**170**		5.00		mg/Kg			07/28/22 08:47	1

Client Sample ID: C-104 2'

Lab Sample ID: 880-17204-104
Matrix: Solid
Date Collected: 07/20/22 10:22
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:48	07/31/22 03:17	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:48	07/31/22 03:17	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:48	07/31/22 03:17	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		07/26/22 13:48	07/31/22 03:17	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:48	07/31/22 03:17	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/26/22 13:48	07/31/22 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 13:48*	*07/31/22 03:17*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:48*	*07/31/22 03:17*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**95.0**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 13:34	1
Diesel Range Organics (Over C10-C28)	**95.0**		50.0		mg/Kg		07/26/22 15:02	07/28/22 13:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*07/26/22 15:02*	*07/28/22 13:34*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-104 2'
Date Collected: 07/20/22 10:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-104
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
o-Terphenyl (Surr)	*124*		*70 - 130*	*07/26/22 15:02*	*07/28/22 13:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**605**		5.03		mg/Kg			07/28/22 08:56	1

Client Sample ID: C-105 2'
Date Collected: 07/20/22 10:23
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-105
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		07/26/22 13:48	07/31/22 03:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 03:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 03:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 03:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 03:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:48*	*07/31/22 03:37*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:48*	*07/31/22 03:37*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**190**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 13:55	1
Diesel Range Organics (Over C10-C28)	**190**		49.9		mg/Kg		07/26/22 15:02	07/28/22 13:55	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 13:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*127*		*70 - 130*	*07/26/22 15:02*	*07/28/22 13:55*	*1*
o-Terphenyl (Surr)	*138*	*S1+*	*70 - 130*	*07/26/22 15:02*	*07/28/22 13:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.9**		5.01		mg/Kg			07/28/22 09:05	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-106 2'

Date Collected: 07/20/22 10:24
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-106

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		07/26/22 13:48	07/31/22 03:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 03:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 03:57	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:48	07/31/22 03:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 03:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:48	07/31/22 03:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/26/22 13:48*	*07/31/22 03:57*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:48*	*07/31/22 03:57*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**168**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 14:17	1
Diesel Range Organics (Over C10-C28)	**168**		49.9		mg/Kg		07/26/22 15:02	07/28/22 14:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*07/26/22 15:02*	*07/28/22 14:17*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*07/26/22 15:02*	*07/28/22 14:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		5.01		mg/Kg			07/28/22 09:14	1

Client Sample ID: C-107 2'

Date Collected: 07/20/22 10:25
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-107

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		07/26/22 13:48	07/31/22 04:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 04:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 04:18	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:48	07/31/22 04:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 04:18	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 13:48	07/31/22 04:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/26/22 13:48*	*07/31/22 04:18*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:48*	*07/31/22 04:18*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-107 2'

Lab Sample ID: 880-17204-107
Matrix: Solid
Date Collected: 07/20/22 10:25
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2070**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 14:39	1
Diesel Range Organics (Over C10-C28)	**2070**		49.9		mg/Kg		07/26/22 15:02	07/28/22 14:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*134*	*S1+*	*70 - 130*	*07/26/22 15:02*	*07/28/22 14:39*	*1*
o-Terphenyl (Surr)	*151*	*S1+*	*70 - 130*	*07/26/22 15:02*	*07/28/22 14:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**205**		4.96		mg/Kg			07/28/22 09:42	1

Client Sample ID: C-108 2'

Lab Sample ID: 880-17204-108
Matrix: Solid
Date Collected: 07/20/22 10:26
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 04:38	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 04:38	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 04:38	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/26/22 13:48	07/31/22 04:38	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 04:38	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/26/22 13:48	07/31/22 04:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/26/22 13:48*	*07/31/22 04:38*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/26/22 13:48*	*07/31/22 04:38*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**453**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 15:00	1
Diesel Range Organics (Over C10-C28)	**453**		49.9		mg/Kg		07/26/22 15:02	07/28/22 15:00	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-108 2'

Lab Sample ID: 880-17204-108
Matrix: Solid
Date Collected: 07/20/22 10:26
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*07/26/22 15:02*	*07/28/22 15:00*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*07/26/22 15:02*	*07/28/22 15:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**206**		4.95		mg/Kg			07/28/22 09:51	1

Client Sample ID: C-109 2'

Lab Sample ID: 880-17204-109
Matrix: Solid
Date Collected: 07/20/22 10:27
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 06:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 06:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 06:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 06:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 06:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/26/22 13:48*	*07/31/22 06:28*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:48*	*07/31/22 06:28*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**718**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 15:21	1
Diesel Range Organics (Over C10-C28)	**718**		50.0		mg/Kg		07/26/22 15:02	07/28/22 15:21	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*07/26/22 15:02*	*07/28/22 15:21*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*07/26/22 15:02*	*07/28/22 15:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		4.99		mg/Kg			07/28/22 10:19	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-110 2'

Date Collected: 07/20/22 10:28
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-110

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		07/26/22 13:48	07/31/22 06:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 06:48	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 06:48	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:48	07/31/22 06:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 06:48	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:48	07/31/22 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:48*	*07/31/22 06:48*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/26/22 13:48*	*07/31/22 06:48*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**738**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 15:43	1
Diesel Range Organics (Over C10-C28)	**738**		50.0		mg/Kg		07/26/22 15:02	07/28/22 15:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*07/26/22 15:02*	*07/28/22 15:43*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*07/26/22 15:02*	*07/28/22 15:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**272**		5.00		mg/Kg			07/28/22 10:28	1

Client Sample ID: C-111 2'

Date Collected: 07/20/22 10:29
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-111

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		07/26/22 13:48	07/31/22 07:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 07:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 07:09	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:48	07/31/22 07:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 07:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 13:48	07/31/22 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/26/22 13:48*	*07/31/22 07:09*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/26/22 13:48*	*07/31/22 07:09*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-111 2'

Lab Sample ID: 880-17204-111
Matrix: Solid
Date Collected: 07/20/22 10:29
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**132**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 16:26	1
Diesel Range Organics (Over C10-C28)	**132**		50.0		mg/Kg		07/26/22 15:02	07/28/22 16:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*07/26/22 15:02*	*07/28/22 16:26*	*1*
o-Terphenyl (Surr)	*127*		*70 - 130*	*07/26/22 15:02*	*07/28/22 16:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**721**		5.00		mg/Kg			07/28/22 10:37	1

Client Sample ID: C-112 2'

Lab Sample ID: 880-17204-112
Matrix: Solid
Date Collected: 07/20/22 10:30
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:48	07/31/22 07:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:48	07/31/22 07:29	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:48	07/31/22 07:29	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:48	07/31/22 07:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:48	07/31/22 07:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:48	07/31/22 07:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/26/22 13:48*	*07/31/22 07:29*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:48*	*07/31/22 07:29*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**608**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 16:47	1
Diesel Range Organics (Over C10-C28)	**608**		49.9		mg/Kg		07/26/22 15:02	07/28/22 16:47	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-112 2'

Lab Sample ID: 880-17204-112
Matrix: Solid
Date Collected: 07/20/22 10:30
Date Received: 07/21/22 11:12

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		07/26/22 15:02	07/28/22 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/26/22 15:02*	*07/28/22 16:47*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*07/26/22 15:02*	*07/28/22 16:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**403**		4.97		mg/Kg			07/28/22 10:47	1

Client Sample ID: C-113 2'

Lab Sample ID: 880-17204-113
Matrix: Solid
Date Collected: 07/20/22 10:31
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 07:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 07:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 07:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 07:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 07:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 13:48*	*07/31/22 07:50*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 13:48*	*07/31/22 07:50*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1580**		49.8		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 15:02	07/28/22 17:09	1
Diesel Range Organics (Over C10-C28)	**1580**		49.8		mg/Kg		07/26/22 15:02	07/28/22 17:09	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/22 15:02	07/28/22 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*07/26/22 15:02*	*07/28/22 17:09*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*07/26/22 15:02*	*07/28/22 17:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**221**		5.00		mg/Kg			07/28/22 10:56	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-114 2'

Lab Sample ID: 880-17204-114
Matrix: Solid
Date Collected: 07/20/22 10:32
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 08:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 08:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 08:10	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 08:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:48	07/31/22 08:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:48	07/31/22 08:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:48*	*07/31/22 08:10*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 13:48*	*07/31/22 08:10*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**334**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 17:30	1
Diesel Range Organics (Over C10-C28)	**334**		50.0		mg/Kg		07/26/22 15:02	07/28/22 17:30	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*07/26/22 15:02*	*07/28/22 17:30*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*07/26/22 15:02*	*07/28/22 17:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		5.02		mg/Kg			07/28/22 11:05	1

Client Sample ID: C-115 2'

Lab Sample ID: 880-17204-115
Matrix: Solid
Date Collected: 07/20/22 10:33
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 08:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 08:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 08:31	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:48	07/31/22 08:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 08:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:48	07/31/22 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:48*	*07/31/22 08:31*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:48*	*07/31/22 08:31*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-115 2'

Date Collected: 07/20/22 10:33
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-115
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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 17:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 17:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*121*		*70 - 130*	*07/26/22 15:02*	*07/28/22 17:52*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*07/26/22 15:02*	*07/28/22 17:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.95**		5.01		mg/Kg			07/28/22 11:14	1

Client Sample ID: C-116 2'

Date Collected: 07/20/22 10:34
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-116
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		07/26/22 13:48	07/31/22 08:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:48	07/31/22 08:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:48	07/31/22 08:51	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:48	07/31/22 08:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:48	07/31/22 08:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:48	07/31/22 08:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:48*	*07/31/22 08:51*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:48*	*07/31/22 08:51*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 18:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 18:13	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-116 2'

Lab Sample ID: 880-17204-116
Matrix: Solid
Date Collected: 07/20/22 10:34
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*07/26/22 15:02*	*07/28/22 18:13*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*07/26/22 15:02*	*07/28/22 18:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**268**		4.95		mg/Kg			07/28/22 05:52	1

Client Sample ID: C-117 0-2'

Lab Sample ID: 880-17204-117
Matrix: Solid
Date Collected: 07/20/22 10:35
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 09:11	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 09:11	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 09:11	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/26/22 13:48	07/31/22 09:11	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:48	07/31/22 09:11	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/26/22 13:48	07/31/22 09:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 13:48*	*07/31/22 09:11*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:48*	*07/31/22 09:11*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 18:35	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 18:35	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*07/26/22 15:02*	*07/28/22 18:35*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*07/26/22 15:02*	*07/28/22 18:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.8**		4.98		mg/Kg			07/28/22 06:15	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-118 0-2'

Lab Sample ID: 880-17204-118
Matrix: Solid
Date Collected: 07/20/22 10:36
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 09:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 09:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 09:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:48	07/31/22 09:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 09:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:48	07/31/22 09:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/26/22 13:48*	*07/31/22 09:32*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/26/22 13:48*	*07/31/22 09:32*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**9630**		249		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U	249		mg/Kg		07/26/22 15:02	07/28/22 18:57	5
Diesel Range Organics (Over C10-C28)	**9630**		249		mg/Kg		07/26/22 15:02	07/28/22 18:57	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		07/26/22 15:02	07/28/22 18:57	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*07/26/22 15:02*	*07/28/22 18:57*	*5*
o-Terphenyl (Surr)	*283*	*S1+*	*70 - 130*	*07/26/22 15:02*	*07/28/22 18:57*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**113**		4.97		mg/Kg			07/28/22 06:23	1

Client Sample ID: C-119 0-2'

Lab Sample ID: 880-17204-119
Matrix: Solid
Date Collected: 07/20/22 10:37
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202		mg/Kg		07/26/22 13:51	07/31/22 13:28	1
Toluene	<0.00202	U F1	0.00202		mg/Kg		07/26/22 13:51	07/31/22 13:28	1
Ethylbenzene	<0.00202	U F1	0.00202		mg/Kg		07/26/22 13:51	07/31/22 13:28	1
m,p-Xylenes	<0.00404	U F1	0.00404		mg/Kg		07/26/22 13:51	07/31/22 13:28	1
o-Xylene	<0.00202	U F2 F1	0.00202		mg/Kg		07/26/22 13:51	07/31/22 13:28	1
Xylenes, Total	<0.00404	U F1	0.00404		mg/Kg		07/26/22 13:51	07/31/22 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:51*	*07/31/22 13:28*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/26/22 13:51*	*07/31/22 13:28*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-119 0-2'

Lab Sample ID: 880-17204-119
Matrix: Solid
Date Collected: 07/20/22 10:37
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2830**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**332**		49.9		mg/Kg		07/26/22 15:02	07/28/22 19:18	1
Diesel Range Organics (Over C10-C28)	**2500**		49.9		mg/Kg		07/26/22 15:02	07/28/22 19:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*07/26/22 15:02*	*07/28/22 19:18*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*07/26/22 15:02*	*07/28/22 19:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**95.3**		5.00		mg/Kg			07/28/22 06:31	1

Client Sample ID: C-120 0-2'

Lab Sample ID: 880-17204-120
Matrix: Solid
Date Collected: 07/20/22 10:38
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 13:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 13:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 13:54	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:51	07/31/22 13:54	1
o-Xylene	**0.0105**		0.00200		mg/Kg		07/26/22 13:51	07/31/22 13:54	1
Xylenes, Total	**0.0105**		0.00399		mg/Kg		07/26/22 13:51	07/31/22 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*07/26/22 13:51*	*07/31/22 13:54*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 13:51*	*07/31/22 13:54*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0105**		0.00399		mg/Kg			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2450**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 19:40	1
Diesel Range Organics (Over C10-C28)	**2450**		49.9		mg/Kg		07/26/22 15:02	07/28/22 19:40	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-120 0-2'

Lab Sample ID: 880-17204-120
Matrix: Solid
Date Collected: 07/20/22 10:38
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 15:02	07/28/22 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*07/26/22 15:02*	*07/28/22 19:40*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*07/26/22 15:02*	*07/28/22 19:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**216**		5.00		mg/Kg			07/28/22 06:39	1

Client Sample ID: C-121 0-2'

Lab Sample ID: 880-17204-121
Matrix: Solid
Date Collected: 07/20/22 10:39
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 14:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 14:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 14:20	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:51	07/31/22 14:20	1
o-Xylene	**0.00811**		0.00200		mg/Kg		07/26/22 13:51	07/31/22 14:20	1
Xylenes, Total	**0.00811**		0.00401		mg/Kg		07/26/22 13:51	07/31/22 14:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/26/22 13:51*	*07/31/22 14:20*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:51*	*07/31/22 14:20*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00811**		0.00401		mg/Kg			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**175**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/28/22 21:28	1
Diesel Range Organics (Over C10-C28)	**175**	**F1**	50.0		mg/Kg		07/26/22 16:41	07/28/22 21:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/28/22 21:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*07/26/22 16:41*	*07/28/22 21:28*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*07/26/22 16:41*	*07/28/22 21:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**30.4**		5.00		mg/Kg			07/28/22 07:02	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-122 0-2'

Lab Sample ID: 880-17204-122
Matrix: Solid
Date Collected: 07/20/22 10:40
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 14:46	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 14:46	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 14:46	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 14:46	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 14:46	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 14:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*07/26/22 13:51*	*07/31/22 14:46*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/26/22 13:51*	*07/31/22 14:46*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/28/22 22:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/28/22 22:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/28/22 22:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*07/26/22 16:41*	*07/28/22 22:33*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*07/26/22 16:41*	*07/28/22 22:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**5.61**		5.01		mg/Kg			07/28/22 07:10	1

Client Sample ID: C-123 2.5

Lab Sample ID: 880-17204-123
Matrix: Solid
Date Collected: 07/20/22 11:00
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 15:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 15:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 15:13	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 15:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 15:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:51*	*07/31/22 15:13*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:51*	*07/31/22 15:13*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-123 2.5 Lab Sample ID: 880-17204-123

Date Collected: 07/20/22 11:00 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**146**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/28/22 22:55	1
Diesel Range Organics (Over C10-C28)	**146**		50.0		mg/Kg		07/26/22 16:41	07/28/22 22:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/28/22 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*07/26/22 16:41*	*07/28/22 22:55*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*07/26/22 16:41*	*07/28/22 22:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.2**		5.00		mg/Kg			07/28/22 07:18	1

Client Sample ID: C-124 2.5 Lab Sample ID: 880-17204-124

Date Collected: 07/20/22 11:01 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 15:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 15:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 15:39	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:51	07/31/22 15:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 15:39	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:51	07/31/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 13:51*	*07/31/22 15:39*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*07/26/22 13:51*	*07/31/22 15:39*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**215**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/28/22 23:17	1
Diesel Range Organics (Over C10-C28)	**215**		50.0		mg/Kg		07/26/22 16:41	07/28/22 23:17	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-124 2.5

Lab Sample ID: 880-17204-124
Matrix: Solid
Date Collected: 07/20/22 11:01
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/28/22 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*07/26/22 16:41*	*07/28/22 23:17*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*07/26/22 16:41*	*07/28/22 23:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.6**		5.03		mg/Kg			07/28/22 07:26	1

Client Sample ID: C-125 2.5

Lab Sample ID: 880-17204-125
Matrix: Solid
Date Collected: 07/20/22 11:02
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 16:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 16:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 16:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 16:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 16:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/26/22 13:51*	*07/31/22 16:05*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:51*	*07/31/22 16:05*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**973**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/28/22 23:38	1
Diesel Range Organics (Over C10-C28)	**973**		49.9		mg/Kg		07/26/22 16:41	07/28/22 23:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/28/22 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*07/26/22 16:41*	*07/28/22 23:38*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*07/26/22 16:41*	*07/28/22 23:38*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.3**		5.03		mg/Kg			07/28/22 07:34	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-126 2.5

Lab Sample ID: 880-17204-126
Matrix: Solid
Date Collected: 07/20/22 11:03
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 16:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 16:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 16:32	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:51	07/31/22 16:32	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 16:32	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:51	07/31/22 16:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 13:51*	*07/31/22 16:32*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/26/22 13:51*	*07/31/22 16:32*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**5180**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 00:00	1
Diesel Range Organics (Over C10-C28)	**5180**		49.9		mg/Kg		07/26/22 16:41	07/29/22 00:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*07/26/22 16:41*	*07/29/22 00:00*	*1*
o-Terphenyl (Surr)	*141*	*S1+*	*70 - 130*	*07/26/22 16:41*	*07/29/22 00:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**189**		4.97		mg/Kg			07/28/22 07:42	1

Client Sample ID: C-127 2.5

Lab Sample ID: 880-17204-127
Matrix: Solid
Date Collected: 07/20/22 11:04
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 16:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 16:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 16:58	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:51	07/31/22 16:58	1
o-Xylene	**0.00667**		0.00200		mg/Kg		07/26/22 13:51	07/31/22 16:58	1
Xylenes, Total	**0.00667**		0.00401		mg/Kg		07/26/22 13:51	07/31/22 16:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/26/22 13:51*	*07/31/22 16:58*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/26/22 13:51*	*07/31/22 16:58*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-127 2.5

Date Collected: 07/20/22 11:04
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-127

Matrix: Solid

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00667**		0.00401		mg/Kg			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1510**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 00:21	1
Diesel Range Organics (Over C10-C28)	**1510**		49.9		mg/Kg		07/26/22 16:41	07/29/22 00:21	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*07/26/22 16:41*	*07/29/22 00:21*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*07/26/22 16:41*	*07/29/22 00:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.9**		5.00		mg/Kg			07/28/22 08:05	1

Client Sample ID: C-128 2.5

Date Collected: 07/20/22 11:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-128

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		07/26/22 13:51	07/31/22 17:24	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:51	07/31/22 17:24	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:51	07/31/22 17:24	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/26/22 13:51	07/31/22 17:24	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:51	07/31/22 17:24	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/26/22 13:51	07/31/22 17:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/26/22 13:51*	*07/31/22 17:24*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/26/22 13:51*	*07/31/22 17:24*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**673**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 00:43	1
Diesel Range Organics (Over C10-C28)	**673**		49.9		mg/Kg		07/26/22 16:41	07/29/22 00:43	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-128 2.5

Lab Sample ID: 880-17204-128
Matrix: Solid
Date Collected: 07/20/22 11:05
Date Received: 07/21/22 11:12

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		07/26/22 16:41	07/29/22 00:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*07/26/22 16:41*	*07/29/22 00:43*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*07/26/22 16:41*	*07/29/22 00:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		5.00		mg/Kg			07/28/22 08:13	1

Client Sample ID: C-129 2.5

Lab Sample ID: 880-17204-129
Matrix: Solid
Date Collected: 07/20/22 11:06
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 19:11	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 19:11	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 19:11	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:51	07/31/22 19:11	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 19:11	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:51	07/31/22 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/26/22 13:51*	*07/31/22 19:11*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:51*	*07/31/22 19:11*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**951**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 01:04	1
Diesel Range Organics (Over C10-C28)	**951**		50.0		mg/Kg		07/26/22 16:41	07/29/22 01:04	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*07/26/22 16:41*	*07/29/22 01:04*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*07/26/22 16:41*	*07/29/22 01:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.4**		5.04		mg/Kg			07/28/22 08:37	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-130 2.5

Lab Sample ID: 880-17204-130
Matrix: Solid
Date Collected: 07/20/22 11:07
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:51	07/31/22 19:37	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:51	07/31/22 19:37	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:51	07/31/22 19:37	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/26/22 13:51	07/31/22 19:37	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:51	07/31/22 19:37	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/26/22 13:51	07/31/22 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/26/22 13:51*	*07/31/22 19:37*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:51*	*07/31/22 19:37*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1030**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 01:26	1
Diesel Range Organics (Over C10-C28)	**1030**		50.0		mg/Kg		07/26/22 16:41	07/29/22 01:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 01:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*07/26/22 16:41*	*07/29/22 01:26*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/26/22 16:41*	*07/29/22 01:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.5**		5.05		mg/Kg			07/28/22 08:45	1

Client Sample ID: C-131 2.5

Lab Sample ID: 880-17204-131
Matrix: Solid
Date Collected: 07/20/22 11:08
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 20:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 20:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 20:04	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 20:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 20:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/26/22 13:51*	*07/31/22 20:04*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:51*	*07/31/22 20:04*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-131 2.5

Lab Sample ID: 880-17204-131
Matrix: Solid
Date Collected: 07/20/22 11:08
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3720**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 02:09	1
Diesel Range Organics (Over C10-C28)	**3720**		50.0		mg/Kg		07/26/22 16:41	07/29/22 02:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 02:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*07/26/22 16:41*	*07/29/22 02:09*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*07/26/22 16:41*	*07/29/22 02:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**172**		5.05		mg/Kg			07/28/22 08:52	1

Client Sample ID: C-132 2.5

Lab Sample ID: 880-17204-132
Matrix: Solid
Date Collected: 07/20/22 11:09
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:51	07/31/22 20:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:51	07/31/22 20:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:51	07/31/22 20:30	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		07/26/22 13:51	07/31/22 20:30	1
o-Xylene	**0.00465**		0.00198		mg/Kg		07/26/22 13:51	07/31/22 20:30	1
Xylenes, Total	**0.00465**		0.00397		mg/Kg		07/26/22 13:51	07/31/22 20:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/26/22 13:51*	*07/31/22 20:30*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:51*	*07/31/22 20:30*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00465**		0.00397		mg/Kg			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**744**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 02:30	1
Diesel Range Organics (Over C10-C28)	**744**		49.9		mg/Kg		07/26/22 16:41	07/29/22 02:30	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-132 2.5 Lab Sample ID: 880-17204-132

Date Collected: 07/20/22 11:09 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/26/22 16:41	07/29/22 02:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*07/26/22 16:41*	*07/29/22 02:30*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*07/26/22 16:41*	*07/29/22 02:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**243**		5.05		mg/Kg			07/28/22 09:00	1

Client Sample ID: C-133 2.5 Lab Sample ID: 880-17204-133

Date Collected: 07/20/22 11:10 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 20:56	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 20:56	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 20:56	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 20:56	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 20:56	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 20:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/26/22 13:51*	*07/31/22 20:56*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:51*	*07/31/22 20:56*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**728**		49.8		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/26/22 16:41	07/29/22 02:52	1
Diesel Range Organics (Over C10-C28)	**728**		49.8		mg/Kg		07/26/22 16:41	07/29/22 02:52	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/26/22 16:41	07/29/22 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*07/26/22 16:41*	*07/29/22 02:52*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*07/26/22 16:41*	*07/29/22 02:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.9**		5.03		mg/Kg			07/28/22 09:08	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-134 2.5

Lab Sample ID: 880-17204-134
Matrix: Solid
Date Collected: 07/20/22 11:11
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 21:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 21:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 21:23	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:51	07/31/22 21:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 21:23	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 13:51	07/31/22 21:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*07/26/22 13:51*	*07/31/22 21:23*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/26/22 13:51*	*07/31/22 21:23*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1640**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 03:13	1
Diesel Range Organics (Over C10-C28)	**1640**		50.0		mg/Kg		07/26/22 16:41	07/29/22 03:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*07/26/22 16:41*	*07/29/22 03:13*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*07/26/22 16:41*	*07/29/22 03:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**175**		5.00		mg/Kg			07/28/22 09:16	1

Client Sample ID: C-135 2.5

Lab Sample ID: 880-17204-135
Matrix: Solid
Date Collected: 07/20/22 11:12
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:51	07/31/22 21:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:51	07/31/22 21:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:51	07/31/22 21:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:51	07/31/22 21:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:51	07/31/22 21:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:51	07/31/22 21:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 13:51*	*07/31/22 21:49*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/26/22 13:51*	*07/31/22 21:49*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-135 2.5 Lab Sample ID: 880-17204-135

Date Collected: 07/20/22 11:12 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**330**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 03:35	1
Diesel Range Organics (Over C10-C28)	**330**		50.0		mg/Kg		07/26/22 16:41	07/29/22 03:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 03:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*07/26/22 16:41*	*07/29/22 03:35*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*07/26/22 16:41*	*07/29/22 03:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**310**		4.97		mg/Kg			07/28/22 09:24	1

Client Sample ID: C-136 2.5 Lab Sample ID: 880-17204-136

Date Collected: 07/20/22 11:13 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:51	07/31/22 22:15	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:51	07/31/22 22:15	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:51	07/31/22 22:15	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:51	07/31/22 22:15	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:51	07/31/22 22:15	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:51	07/31/22 22:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:51*	*07/31/22 22:15*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 13:51*	*07/31/22 22:15*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 03:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/29/22 03:56	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-136 2.5 Lab Sample ID: 880-17204-136

Date Collected: 07/20/22 11:13 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/26/22 16:41	07/29/22 03:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*07/26/22 16:41*	*07/29/22 03:56*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*07/26/22 16:41*	*07/29/22 03:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.2**		5.03		mg/Kg			07/28/22 13:17	1

Client Sample ID: C-137 2.5 Lab Sample ID: 880-17204-137

Date Collected: 07/20/22 11:14 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 22:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 22:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 22:42	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:51	07/31/22 22:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 22:42	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:51	07/31/22 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:51*	*07/31/22 22:42*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:51*	*07/31/22 22:42*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**5340**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**97.4**		49.9		mg/Kg		07/26/22 16:41	07/29/22 04:17	1
Diesel Range Organics (Over C10-C28)	**5240**		49.9		mg/Kg		07/26/22 16:41	07/29/22 04:17	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*07/26/22 16:41*	*07/29/22 04:17*	*1*
o-Terphenyl (Surr)	*141*	*S1+*	*70 - 130*	*07/26/22 16:41*	*07/29/22 04:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.2**		4.99		mg/Kg			07/28/22 13:40	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-138 2.5

Date Collected: 07/20/22 11:15
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-138

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		07/26/22 13:51	07/31/22 23:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 23:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 23:08	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 23:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:51	07/31/22 23:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:51	07/31/22 23:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/26/22 13:51*	*07/31/22 23:08*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/26/22 13:51*	*07/31/22 23:08*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**7900**		249		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U	249		mg/Kg		07/26/22 16:41	07/29/22 04:39	5
Diesel Range Organics (Over C10-C28)	**7900**		249		mg/Kg		07/26/22 16:41	07/29/22 04:39	5
Oil Range Organics (Over C28-C36)	<249	U	249		mg/Kg		07/26/22 16:41	07/29/22 04:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*07/26/22 16:41*	*07/29/22 04:39*	*5*
o-Terphenyl (Surr)	*220*	*S1+*	*70 - 130*	*07/26/22 16:41*	*07/29/22 04:39*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.2**		4.99		mg/Kg			07/28/22 13:48	1

Client Sample ID: C-139 2.5

Date Collected: 07/20/22 11:16
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-139

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		07/26/22 13:53	08/01/22 02:59	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 02:59	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 02:59	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:53	08/01/22 02:59	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 02:59	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 13:53	08/01/22 02:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/26/22 13:53*	*08/01/22 02:59*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:53*	*08/01/22 02:59*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-139 2.5 Lab Sample ID: 880-17204-139

Date Collected: 07/20/22 11:16 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**58.7**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 05:00	1
Diesel Range Organics (Over C10-C28)	**58.7**		49.9		mg/Kg		07/26/22 16:41	07/29/22 05:00	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*07/26/22 16:41*	*07/29/22 05:00*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*07/26/22 16:41*	*07/29/22 05:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.3**		4.96		mg/Kg			07/28/22 15:28	1

Client Sample ID: C-140 1.5 Lab Sample ID: 880-17204-140

Date Collected: 07/20/22 11:17 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 03:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 03:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 03:25	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 03:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 03:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*07/26/22 13:53*	*08/01/22 03:25*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:53*	*08/01/22 03:25*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**2370**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 05:22	1
Diesel Range Organics (Over C10-C28)	**2370**		49.9		mg/Kg		07/26/22 16:41	07/29/22 05:22	1

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-140 1.5 Lab Sample ID: 880-17204-140

Date Collected: 07/20/22 11:17 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/26/22 16:41	07/29/22 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*07/26/22 16:41*	*07/29/22 05:22*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*07/26/22 16:41*	*07/29/22 05:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**2790**		25.2		mg/Kg			07/28/22 15:36	5

Client Sample ID: C-141 1.5 Lab Sample ID: 880-17204-141

Date Collected: 07/20/22 11:18 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 03:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 03:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 03:50	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:53	08/01/22 03:50	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 03:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:53	08/01/22 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:53*	*08/01/22 03:50*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*07/26/22 13:53*	*08/01/22 03:50*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**849**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 11:46	1
Diesel Range Organics (Over C10-C28)	**743**	**F1**	50.0		mg/Kg		07/27/22 11:14	07/28/22 11:46	1
Oil Range Organics (Over C28-C36)	**106**		50.0		mg/Kg		07/27/22 11:14	07/28/22 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*07/27/22 11:14*	*07/28/22 11:46*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*07/27/22 11:14*	*07/28/22 11:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**459**		5.01		mg/Kg			07/28/22 16:27	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-142 1.5

Date Collected: 07/20/22 11:19
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-142

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		07/26/22 13:53	08/01/22 04:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:53	08/01/22 04:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:53	08/01/22 04:16	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:53	08/01/22 04:16	1
o-Xylene	**0.00310**		0.00201		mg/Kg		07/26/22 13:53	08/01/22 04:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:53	08/01/22 04:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:53*	*08/01/22 04:16*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:53*	*08/01/22 04:16*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**374**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 12:51	1
Diesel Range Organics (Over C10-C28)	**374**		49.9		mg/Kg		07/27/22 11:14	07/28/22 12:51	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*07/27/22 11:14*	*07/28/22 12:51*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*07/27/22 11:14*	*07/28/22 12:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**204**		4.97		mg/Kg			07/28/22 16:34	1

Client Sample ID: C-143 1.5

Date Collected: 07/20/22 11:18
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-143

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		07/26/22 13:53	08/01/22 04:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 04:42	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 04:42	1
m,p-Xylenes	**0.00409**		0.00404		mg/Kg		07/26/22 13:53	08/01/22 04:42	1
o-Xylene	**0.00323**		0.00202		mg/Kg		07/26/22 13:53	08/01/22 04:42	1
Xylenes, Total	**0.00732**		0.00404		mg/Kg		07/26/22 13:53	08/01/22 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/26/22 13:53*	*08/01/22 04:42*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/26/22 13:53*	*08/01/22 04:42*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-143 1.5 Lab Sample ID: 880-17204-143

Date Collected: 07/20/22 11:18 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00732**		0.00404		mg/Kg			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**193**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 13:12	1
Diesel Range Organics (Over C10-C28)	**193**		50.0		mg/Kg		07/27/22 11:14	07/28/22 13:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 13:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*07/27/22 11:14*	*07/28/22 13:12*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*07/27/22 11:14*	*07/28/22 13:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**135**		4.99		mg/Kg			07/28/22 16:42	1

Client Sample ID: C-144 1.5 Lab Sample ID: 880-17204-144

Date Collected: 07/20/22 11:19 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 05:07	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 05:07	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 05:07	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:53	08/01/22 05:07	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 05:07	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:53	08/01/22 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 13:53*	*08/01/22 05:07*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:53*	*08/01/22 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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**541**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 13:34	1
Diesel Range Organics (Over C10-C28)	**487**		50.0		mg/Kg		07/27/22 11:14	07/28/22 13:34	1

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-144 1.5 Lab Sample ID: 880-17204-144
Date Collected: 07/20/22 11:19 Matrix: Solid
Date Received: 07/21/22 11:12

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)	54.1		50.0		mg/Kg		07/27/22 11:14	07/28/22 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*07/27/22 11:14*	*07/28/22 13:34*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*07/27/22 11:14*	*07/28/22 13:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	204		4.98		mg/Kg			07/28/22 16:50	1

Client Sample ID: C-145 1.5 Lab Sample ID: 880-17204-145
Date Collected: 07/20/22 11:20 Matrix: Solid
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 05:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 05:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 05:33	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 05:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 05:33	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 05:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/26/22 13:53*	*08/01/22 05:33*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:53*	*08/01/22 05:33*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 13:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 13:55	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 13:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*07/27/22 11:14*	*07/28/22 13:55*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*07/27/22 11:14*	*07/28/22 13:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	101		4.98		mg/Kg			07/28/22 16:58	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-146 1.5

Date Collected: 07/20/22 11:21
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-146

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		07/26/22 13:53	08/01/22 05:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:53	08/01/22 05:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:53	08/01/22 05:59	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/26/22 13:53	08/01/22 05:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:53	08/01/22 05:59	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/26/22 13:53	08/01/22 05:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/26/22 13:53*	*08/01/22 05:59*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/26/22 13:53*	*08/01/22 05:59*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**717**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 14:17	1
Diesel Range Organics (Over C10-C28)	**629**		49.9		mg/Kg		07/27/22 11:14	07/28/22 14:17	1
Oil Range Organics (Over C28-C36)	**88.0**		49.9		mg/Kg		07/27/22 11:14	07/28/22 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*07/27/22 11:14*	*07/28/22 14:17*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*07/27/22 11:14*	*07/28/22 14:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		4.96		mg/Kg			07/28/22 17:06	1

Client Sample ID: C-147 1.5

Date Collected: 07/20/22 11:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-147

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		07/26/22 13:53	08/01/22 06:25	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 06:25	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 06:25	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/26/22 13:53	08/01/22 06:25	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 06:25	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/26/22 13:53	08/01/22 06:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:53*	*08/01/22 06:25*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/26/22 13:53*	*08/01/22 06:25*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-147 1.5

Date Collected: 07/20/22 11:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-147

Matrix: Solid

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**183**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 14:39	1
Diesel Range Organics (Over C10-C28)	**183**		49.9		mg/Kg		07/27/22 11:14	07/28/22 14:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*07/27/22 11:14*	*07/28/22 14:39*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*07/27/22 11:14*	*07/28/22 14:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**300**		4.95		mg/Kg			07/28/22 17:30	1

Client Sample ID: C-148 1.5

Date Collected: 07/20/22 11:23
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-148

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		07/26/22 13:53	08/01/22 06:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 06:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 06:51	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 06:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 06:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:53*	*08/01/22 06:51*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/26/22 13:53*	*08/01/22 06:51*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**277**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 15:00	1
Diesel Range Organics (Over C10-C28)	**277**		50.0		mg/Kg		07/27/22 11:14	07/28/22 15:00	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-148 1.5 Lab Sample ID: 880-17204-148

Date Collected: 07/20/22 11:23 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/27/22 11:14	07/28/22 15:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*07/27/22 11:14*	*07/28/22 15:00*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*07/27/22 11:14*	*07/28/22 15:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**189**		5.00		mg/Kg			07/28/22 17:37	1

Client Sample ID: C-149 1.5 Lab Sample ID: 880-17204-149

Date Collected: 07/20/22 11:24 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:53	08/01/22 09:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:53	08/01/22 09:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:53	08/01/22 09:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:53	08/01/22 09:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:53	08/01/22 09:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:53	08/01/22 09:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/26/22 13:53*	*08/01/22 09:01*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*07/26/22 13:53*	*08/01/22 09:01*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**346**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 15:21	1
Diesel Range Organics (Over C10-C28)	**346**		49.9		mg/Kg		07/27/22 11:14	07/28/22 15:21	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*07/27/22 11:14*	*07/28/22 15:21*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*07/27/22 11:14*	*07/28/22 15:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**297**		5.01		mg/Kg			07/28/22 18:01	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-150 1.5 Lab Sample ID: 880-17204-150

Date Collected: 07/20/22 11:25 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 09:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 09:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 09:28	1
m,p-Xylenes	**0.00429**		0.00401		mg/Kg		07/26/22 13:53	08/01/22 09:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 09:28	1
Xylenes, Total	**0.00429**		0.00401		mg/Kg		07/26/22 13:53	08/01/22 09:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*07/26/22 13:53*	*08/01/22 09:28*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 13:53*	*08/01/22 09:28*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00429**		0.00401		mg/Kg			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**71.3**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 15:43	1
Diesel Range Organics (Over C10-C28)	**71.3**		49.9		mg/Kg		07/27/22 11:14	07/28/22 15:43	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*07/27/22 11:14*	*07/28/22 15:43*	*1*
o-Terphenyl (Surr)	*82*		*70 - 130*	*07/27/22 11:14*	*07/28/22 15:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**79.3**		4.99		mg/Kg			07/28/22 18:09	1

Client Sample ID: C-151 1.5 Lab Sample ID: 880-17204-151

Date Collected: 07/20/22 11:26 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 09:55	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 09:55	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 09:55	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 09:55	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 09:55	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 09:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/26/22 13:53*	*08/01/22 09:55*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*07/26/22 13:53*	*08/01/22 09:55*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-151 1.5 Lab Sample ID: 880-17204-151

Date Collected: 07/20/22 11:26 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**475**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 16:26	1
Diesel Range Organics (Over C10-C28)	**475**		50.0		mg/Kg		07/27/22 11:14	07/28/22 16:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 16:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*07/27/22 11:14*	*07/28/22 16:26*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*07/27/22 11:14*	*07/28/22 16:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		5.00		mg/Kg			07/28/22 18:17	1

Client Sample ID: C-152 1.5 Lab Sample ID: 880-17204-152

Date Collected: 07/20/22 11:27 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 10:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 10:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 10:21	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:53	08/01/22 10:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 10:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:53	08/01/22 10:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/26/22 13:53*	*08/01/22 10:21*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 13:53*	*08/01/22 10:21*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**224**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 16:47	1
Diesel Range Organics (Over C10-C28)	**224**		50.0		mg/Kg		07/27/22 11:14	07/28/22 16:47	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-152 1.5 Lab Sample ID: 880-17204-152
Date Collected: 07/20/22 11:27 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 16:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*07/27/22 11:14*	*07/28/22 16:47*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*07/27/22 11:14*	*07/28/22 16:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**293**		5.00		mg/Kg			07/28/22 18:25	1

Client Sample ID: C-153 1.5 Lab Sample ID: 880-17204-153
Date Collected: 07/20/22 11:28 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:53	08/01/22 10:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:53	08/01/22 10:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:53	08/01/22 10:47	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/26/22 13:53	08/01/22 10:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:53	08/01/22 10:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/26/22 13:53	08/01/22 10:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:53*	*08/01/22 10:47*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/26/22 13:53*	*08/01/22 10:47*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**70.7**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 17:09	1
Diesel Range Organics (Over C10-C28)	**70.7**		50.0		mg/Kg		07/27/22 11:14	07/28/22 17:09	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 17:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*71*		*70 - 130*	*07/27/22 11:14*	*07/28/22 17:09*	*1*
o-Terphenyl (Surr)	*76*		*70 - 130*	*07/27/22 11:14*	*07/28/22 17:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		5.04		mg/Kg			07/28/22 18:32	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-154 1.5 Lab Sample ID: 880-17204-154

Date Collected: 07/20/22 11:29 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 11:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 11:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 11:14	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/26/22 13:53	08/01/22 11:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 11:14	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/26/22 13:53	08/01/22 11:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:53*	*08/01/22 11:14*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:53*	*08/01/22 11:14*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1100**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 17:30	1
Diesel Range Organics (Over C10-C28)	**962**		50.0		mg/Kg		07/27/22 11:14	07/28/22 17:30	1
Oil Range Organics (Over C28-C36)	**136**		50.0		mg/Kg		07/27/22 11:14	07/28/22 17:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*75*		*70 - 130*	*07/27/22 11:14*	*07/28/22 17:30*	*1*
o-Terphenyl (Surr)	*67*	*S1-*	*70 - 130*	*07/27/22 11:14*	*07/28/22 17:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**178**		5.05		mg/Kg			07/28/22 18:40	1

Client Sample ID: C-155 1.5 Lab Sample ID: 880-17204-155

Date Collected: 07/20/22 11:30 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 11:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 11:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 11:40	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 11:40	1
o-Xylene	**0.00865**		0.00200		mg/Kg		07/26/22 13:53	08/01/22 11:40	1
Xylenes, Total	**0.00865**		0.00399		mg/Kg		07/26/22 13:53	08/01/22 11:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 13:53*	*08/01/22 11:40*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*07/26/22 13:53*	*08/01/22 11:40*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-155 1.5 Lab Sample ID: 880-17204-155

Date Collected: 07/20/22 11:30 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00865**		0.00399		mg/Kg			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**103**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 17:52	1
Diesel Range Organics (Over C10-C28)	**103**		50.0		mg/Kg		07/27/22 11:14	07/28/22 17:52	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 17:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*64*	*S1-*	*70 - 130*	*07/27/22 11:14*	*07/28/22 17:52*	*1*
o-Terphenyl (Surr)	*64*	*S1-*	*70 - 130*	*07/27/22 11:14*	*07/28/22 17:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**152**		5.05		mg/Kg			07/28/22 18:48	1

Client Sample ID: C-156 1.5 Lab Sample ID: 880-17204-156

Date Collected: 07/20/22 11:31 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 12:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 12:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 12:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:53	08/01/22 12:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:53	08/01/22 12:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:53	08/01/22 12:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:53*	*08/01/22 12:06*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:53*	*08/01/22 12:06*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**106**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 18:13	1
Diesel Range Organics (Over C10-C28)	**106**		49.9		mg/Kg		07/27/22 11:14	07/28/22 18:13	1

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-156 1.5 Lab Sample ID: 880-17204-156

Date Collected: 07/20/22 11:31 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/27/22 11:14	07/28/22 18:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*07/27/22 11:14*	*07/28/22 18:13*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*07/27/22 11:14*	*07/28/22 18:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.4**		4.97		mg/Kg			07/29/22 09:16	1

Client Sample ID: C-157 1.5 Lab Sample ID: 880-17204-157

Date Collected: 07/20/22 11:32 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 12:32	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 12:32	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 12:32	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/26/22 13:53	08/01/22 12:32	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:53	08/01/22 12:32	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/26/22 13:53	08/01/22 12:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/26/22 13:53*	*08/01/22 12:32*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*07/26/22 13:53*	*08/01/22 12:32*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**232**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 18:35	1
Diesel Range Organics (Over C10-C28)	**232**		50.0		mg/Kg		07/27/22 11:14	07/28/22 18:35	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 18:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*07/27/22 11:14*	*07/28/22 18:35*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*07/27/22 11:14*	*07/28/22 18:35*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**123**		5.04		mg/Kg			07/29/22 11:06	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-158 1.5

Date Collected: 07/20/22 11:33
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-158

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		07/26/22 13:53	08/01/22 12:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 12:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 12:58	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 12:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 12:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:53	08/01/22 12:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:53*	*08/01/22 12:58*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:53*	*08/01/22 12:58*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**683**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 18:57	1
Diesel Range Organics (Over C10-C28)	**601**		49.9		mg/Kg		07/27/22 11:14	07/28/22 18:57	1
Oil Range Organics (Over C28-C36)	**82.0**		49.9		mg/Kg		07/27/22 11:14	07/28/22 18:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*73*		*70 - 130*	*07/27/22 11:14*	*07/28/22 18:57*	*1*
o-Terphenyl (Surr)	*70*		*70 - 130*	*07/27/22 11:14*	*07/28/22 18:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**188**		5.03		mg/Kg			07/29/22 11:14	1

Client Sample ID: C-159 1.5

Date Collected: 07/20/22 11:34
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-159

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		07/26/22 13:56	07/31/22 22:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	07/31/22 22:55	1
Ethylbenzene	<0.00199	U F1	0.00199		mg/Kg		07/26/22 13:56	07/31/22 22:55	1
m,p-Xylenes	<0.00398	U F1	0.00398		mg/Kg		07/26/22 13:56	07/31/22 22:55	1
o-Xylene	<0.00199	U F1	0.00199		mg/Kg		07/26/22 13:56	07/31/22 22:55	1
Xylenes, Total	<0.00398	U F1	0.00398		mg/Kg		07/26/22 13:56	07/31/22 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*07/26/22 13:56*	*07/31/22 22:55*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/26/22 13:56*	*07/31/22 22:55*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-159 1.5 Lab Sample ID: 880-17204-159

Date Collected: 07/20/22 11:34 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**452**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 19:18	1
Diesel Range Organics (Over C10-C28)	**397**		49.9		mg/Kg		07/27/22 11:14	07/28/22 19:18	1
Oil Range Organics (Over C28-C36)	**54.8**		49.9		mg/Kg		07/27/22 11:14	07/28/22 19:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*07/27/22 11:14*	*07/28/22 19:18*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*07/27/22 11:14*	*07/28/22 19:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**194**		4.98		mg/Kg			07/29/22 11:21	1

Client Sample ID: C-160 1.5 Lab Sample ID: 880-17204-160

Date Collected: 07/20/22 11:35 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		07/26/22 13:56	07/31/22 23:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	07/31/22 23:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	07/31/22 23:16	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 13:56	07/31/22 23:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	07/31/22 23:16	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 13:56	07/31/22 23:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:56*	*07/31/22 23:16*	*1*
1,4-Difluorobenzene (Surr)	*117*		*70 - 130*	*07/26/22 13:56*	*07/31/22 23:16*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**687**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 11:14	07/28/22 19:40	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-160 1.5 Lab Sample ID: 880-17204-160

Date Collected: 07/20/22 11:35 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	618		49.9		mg/Kg		07/27/22 11:14	07/28/22 19:40	1
Oil Range Organics (Over C28-C36)	68.8		49.9		mg/Kg		07/27/22 11:14	07/28/22 19:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*07/27/22 11:14*	*07/28/22 19:40*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*07/27/22 11:14*	*07/28/22 19:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	137		4.99		mg/Kg			07/29/22 11:29	1

Client Sample ID: C-161 1.5 Lab Sample ID: 880-17204-161

Date Collected: 07/20/22 11:36 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		07/26/22 13:56	07/31/22 23:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	07/31/22 23:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	07/31/22 23:37	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:56	07/31/22 23:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	07/31/22 23:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:56	07/31/22 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/26/22 13:56*	*07/31/22 23:37*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*07/26/22 13:56*	*07/31/22 23:37*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	11500		250		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U *-	250		mg/Kg		07/27/22 11:20	07/29/22 13:34	5
Diesel Range Organics (Over C10-C28)	10000		250		mg/Kg		07/27/22 11:20	07/29/22 13:34	5
Oil Range Organics (Over C28-C36)	1540		250		mg/Kg		07/27/22 11:20	07/29/22 13:34	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*07/27/22 11:20*	*07/29/22 13:34*	*5*
o-Terphenyl (Surr)	*172*	*S1+*	*70 - 130*	*07/27/22 11:20*	*07/29/22 13:34*	*5*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-161 1.5 Lab Sample ID: 880-17204-161
Date Collected: 07/20/22 11:36 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.4**		5.00		mg/Kg			07/29/22 12:08	1

Client Sample ID: C-162 1.5 Lab Sample ID: 880-17204-162
Date Collected: 07/20/22 11:37 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		07/26/22 13:56	07/31/22 23:58	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	07/31/22 23:58	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	07/31/22 23:58	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:56	07/31/22 23:58	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	07/31/22 23:58	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:56	07/31/22 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/26/22 13:56*	*07/31/22 23:58*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*07/26/22 13:56*	*07/31/22 23:58*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**943**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 11:28	1
Diesel Range Organics (Over C10-C28)	**823**		49.9		mg/Kg		07/27/22 11:20	07/29/22 11:28	1
Oil Range Organics (Over C28-C36)	**120**		49.9		mg/Kg		07/27/22 11:20	07/29/22 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*07/27/22 11:20*	*07/29/22 11:28*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*07/27/22 11:20*	*07/29/22 11:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**		5.00		mg/Kg			07/29/22 12:16	1

Client Sample ID: C-163 1.5 Lab Sample ID: 880-17204-163
Date Collected: 07/20/22 11:38 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		07/26/22 13:56	08/01/22 00:18	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:56	08/01/22 00:18	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:56	08/01/22 00:18	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-163 1.5 Lab Sample ID: 880-17204-163

Date Collected: 07/20/22 11:38 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:56	08/01/22 00:18	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:56	08/01/22 00:18	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:56	08/01/22 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:56*	*08/01/22 00:18*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*07/26/22 13:56*	*08/01/22 00:18*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**56.5**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		07/27/22 11:20	07/29/22 12:07	1
Diesel Range Organics (Over C10-C28)	**56.5**		50.0		mg/Kg		07/27/22 11:20	07/29/22 12:07	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:20	07/29/22 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*07/27/22 11:20*	*07/29/22 12:07*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*07/27/22 11:20*	*07/29/22 12:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**134**		5.02		mg/Kg			07/29/22 12:24	1

Client Sample ID: C-164 0-2.5 Lab Sample ID: 880-17204-164

Date Collected: 07/20/22 11:39 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		07/26/22 13:56	08/01/22 00:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:56	08/01/22 00:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:56	08/01/22 00:39	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:56	08/01/22 00:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:56	08/01/22 00:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:56	08/01/22 00:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/26/22 13:56*	*08/01/22 00:39*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*07/26/22 13:56*	*08/01/22 00:39*	*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			07/27/22 10:07	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-164 0-2.5 Lab Sample ID: 880-17204-164

Date Collected: 07/20/22 11:39 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**797**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		07/27/22 11:20	07/29/22 12:28	1
Diesel Range Organics (Over C10-C28)	**732**		50.0		mg/Kg		07/27/22 11:20	07/29/22 12:28	1
Oil Range Organics (Over C28-C36)	**65.4**		50.0		mg/Kg		07/27/22 11:20	07/29/22 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*07/27/22 11:20*	*07/29/22 12:28*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*07/27/22 11:20*	*07/29/22 12:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**316**		5.01		mg/Kg			07/29/22 12:31	1

Client Sample ID: C-165 0-2.5 Lab Sample ID: 880-17204-165

Date Collected: 07/20/22 11:40 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		07/26/22 13:56	08/01/22 01:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 01:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 01:00	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:56	08/01/22 01:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 01:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 13:56	08/01/22 01:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:56*	*08/01/22 01:00*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/26/22 13:56*	*08/01/22 01:00*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**8040**		250		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<250	U *-	250		mg/Kg		07/27/22 11:20	07/29/22 12:51	5
Diesel Range Organics (Over C10-C28)	**7060**		250		mg/Kg		07/27/22 11:20	07/29/22 12:51	5
Oil Range Organics (Over C28-C36)	**982**		250		mg/Kg		07/27/22 11:20	07/29/22 12:51	5

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-165 0-2.5 — Lab Sample ID: 880-17204-165

Date Collected: 07/20/22 11:40 **Matrix: Solid**
Date Received: 07/21/22 11:12

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*101*		*70 - 130*	*07/27/22 11:20*	*07/29/22 12:51*	*5*
o-Terphenyl (Surr)	*117*		*70 - 130*	*07/27/22 11:20*	*07/29/22 12:51*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**133**		5.01		mg/Kg			07/29/22 12:39	1

Client Sample ID: C-166 0-2.5' — Lab Sample ID: 880-17204-166

Date Collected: 07/20/22 11:41 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *+	0.00202		mg/Kg		07/26/22 13:56	08/01/22 01:20	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:56	08/01/22 01:20	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:56	08/01/22 01:20	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/26/22 13:56	08/01/22 01:20	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:56	08/01/22 01:20	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/26/22 13:56	08/01/22 01:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/26/22 13:56*	*08/01/22 01:20*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:56*	*08/01/22 01:20*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 13:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 13:13	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 13:13	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*60*	*S1-*	*70 - 130*	*07/27/22 11:20*	*07/29/22 13:13*	*1*
o-Terphenyl (Surr)	*56*	*S1-*	*70 - 130*	*07/27/22 11:20*	*07/29/22 13:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.1**		4.99		mg/Kg			07/29/22 12:47	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-167 0-2.5'

Lab Sample ID: 880-17204-167
Matrix: Solid
Date Collected: 07/20/22 11:42
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		07/26/22 13:56	08/01/22 01:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 01:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 01:41	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:56	08/01/22 01:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 01:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:56	08/01/22 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*07/26/22 13:56*	*08/01/22 01:41*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/26/22 13:56*	*08/01/22 01:41*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 10:23	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 10:23	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*07/27/22 11:20*	*07/29/22 10:23*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*07/27/22 11:20*	*07/29/22 10:23*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**116**		4.95		mg/Kg			07/29/22 13:11	1

Client Sample ID: C-168 0-2.5'

Lab Sample ID: 880-17204-168
Matrix: Solid
Date Collected: 07/20/22 11:43
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		07/26/22 13:56	08/01/22 02:01	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 02:01	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 02:01	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:56	08/01/22 02:01	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 02:01	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:56	08/01/22 02:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:56*	*08/01/22 02:01*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*07/26/22 13:56*	*08/01/22 02:01*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-168 0-2.5' Lab Sample ID: 880-17204-168

Date Collected: 07/20/22 11:43 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**370**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		07/27/22 11:20	07/29/22 13:56	1
Diesel Range Organics (Over C10-C28)	**370**		50.0		mg/Kg		07/27/22 11:20	07/29/22 13:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:20	07/29/22 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*07/27/22 11:20*	*07/29/22 13:56*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*07/27/22 11:20*	*07/29/22 13:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**203**		5.02		mg/Kg			07/29/22 13:19	1

Client Sample ID: C-169 0-1.5' Lab Sample ID: 880-17204-169

Date Collected: 07/20/22 11:44 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		07/26/22 13:56	08/01/22 03:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 03:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 03:24	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:56	08/01/22 03:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 03:24	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:56	08/01/22 03:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:56*	*08/01/22 03:24*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:56*	*08/01/22 03:24*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**712**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 14:17	1
Diesel Range Organics (Over C10-C28)	**651**		49.9		mg/Kg		07/27/22 11:20	07/29/22 14:17	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-169 0-1.5'

Lab Sample ID: 880-17204-169
Matrix: Solid
Date Collected: 07/20/22 11:44
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	60.8		49.9		mg/Kg		07/27/22 11:20	07/29/22 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*07/27/22 11:20*	*07/29/22 14:17*	*1*
o-Terphenyl (Surr)	*78*		*70 - 130*	*07/27/22 11:20*	*07/29/22 14:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	143		5.02		mg/Kg			07/29/22 13:42	1

Client Sample ID: C-170 0-1.5'

Lab Sample ID: 880-17204-170
Matrix: Solid
Date Collected: 07/20/22 11:45
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *+	0.00198		mg/Kg		07/26/22 13:56	08/01/22 03:45	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:56	08/01/22 03:45	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:56	08/01/22 03:45	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		07/26/22 13:56	08/01/22 03:45	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:56	08/01/22 03:45	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/26/22 13:56	08/01/22 03:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*07/26/22 13:56*	*08/01/22 03:45*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*07/26/22 13:56*	*08/01/22 03:45*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	7920		249		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U *-	249		mg/Kg		07/27/22 11:20	07/29/22 14:39	5
Diesel Range Organics (Over C10-C28)	7100		249		mg/Kg		07/27/22 11:20	07/29/22 14:39	5
Oil Range Organics (Over C28-C36)	820		249		mg/Kg		07/27/22 11:20	07/29/22 14:39	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*07/27/22 11:20*	*07/29/22 14:39*	*5*
o-Terphenyl (Surr)	*129*		*70 - 130*	*07/27/22 11:20*	*07/29/22 14:39*	*5*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	477		5.05		mg/Kg			07/29/22 13:50	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-171 0-1.5'

Lab Sample ID: 880-17204-171
Matrix: Solid
Date Collected: 07/20/22 11:46
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		07/26/22 13:56	08/01/22 04:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 04:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 04:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:56	08/01/22 04:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 04:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:56	08/01/22 04:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/26/22 13:56*	*08/01/22 04:06*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*07/26/22 13:56*	*08/01/22 04:06*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		07/27/22 11:20	07/29/22 15:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 11:20	07/29/22 15:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:20	07/29/22 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*07/27/22 11:20*	*07/29/22 15:46*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/27/22 11:20*	*07/29/22 15:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**385**		4.97		mg/Kg			07/29/22 13:58	1

Client Sample ID: C-172 0-1.5'

Lab Sample ID: 880-17204-172
Matrix: Solid
Date Collected: 07/20/22 11:47
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		07/26/22 13:56	08/01/22 04:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 04:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 04:26	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:56	08/01/22 04:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 04:26	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 13:56	08/01/22 04:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/26/22 13:56*	*08/01/22 04:26*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*07/26/22 13:56*	*08/01/22 04:26*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-172 0-1.5' Lab Sample ID: 880-17204-172

Date Collected: 07/20/22 11:47 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1250**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 16:07	1
Diesel Range Organics (Over C10-C28)	**1100**		49.9		mg/Kg		07/27/22 11:20	07/29/22 16:07	1
Oil Range Organics (Over C28-C36)	**147**		49.9		mg/Kg		07/27/22 11:20	07/29/22 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*07/27/22 11:20*	*07/29/22 16:07*	*1*
o-Terphenyl (Surr)	*71*		*70 - 130*	*07/27/22 11:20*	*07/29/22 16:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**84.8**		4.97		mg/Kg			07/29/22 14:06	1

Client Sample ID: C-173 0-1.5' Lab Sample ID: 880-17204-173

Date Collected: 07/20/22 11:48 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *+	0.00201		mg/Kg		07/26/22 13:56	08/01/22 04:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:56	08/01/22 04:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:56	08/01/22 04:47	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:56	08/01/22 04:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:56	08/01/22 04:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:56	08/01/22 04:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*07/26/22 13:56*	*08/01/22 04:47*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*07/26/22 13:56*	*08/01/22 04:47*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**942**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 16:28	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-173 0-1.5'
Lab Sample ID: 880-17204-173
Date Collected: 07/20/22 11:48 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	828		49.9		mg/Kg		07/27/22 11:20	07/29/22 16:28	1
Oil Range Organics (Over C28-C36)	114		49.9		mg/Kg		07/27/22 11:20	07/29/22 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*79*		*70 - 130*	*07/27/22 11:20*	*07/29/22 16:28*	*1*
o-Terphenyl (Surr)	*77*		*70 - 130*	*07/27/22 11:20*	*07/29/22 16:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	153		4.99		mg/Kg			07/29/22 14:14	1

Client Sample ID: C-174 4'
Lab Sample ID: 880-17204-174
Date Collected: 07/20/22 12:17 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		07/26/22 13:56	08/01/22 05:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 05:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 05:07	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:56	08/01/22 05:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 05:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:56	08/01/22 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:56*	*08/01/22 05:07*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*07/26/22 13:56*	*08/01/22 05:07*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		07/27/22 11:20	07/29/22 16:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 11:20	07/29/22 16:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:20	07/29/22 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*07/27/22 11:20*	*07/29/22 16:50*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/27/22 11:20*	*07/29/22 16:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	131		5.03		mg/Kg			07/29/22 14:21	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-175 4'

Lab Sample ID: 880-17204-175
Matrix: Solid
Date Collected: 07/20/22 12:18
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		07/26/22 13:56	08/01/22 05:28	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 05:28	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 05:28	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:56	08/01/22 05:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 05:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:56	08/01/22 05:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:56*	*08/01/22 05:28*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*07/26/22 13:56*	*08/01/22 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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**223**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 17:12	1
Diesel Range Organics (Over C10-C28)	**223**		49.9		mg/Kg		07/27/22 11:20	07/29/22 17:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*07/27/22 11:20*	*07/29/22 17:12*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*07/27/22 11:20*	*07/29/22 17:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**189**		5.03		mg/Kg			07/29/22 14:29	1

Client Sample ID: C-176 4'

Lab Sample ID: 880-17204-176
Matrix: Solid
Date Collected: 07/20/22 12:19
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		07/26/22 13:56	08/01/22 05:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 05:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 05:49	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:56	08/01/22 05:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 05:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 13:56	08/01/22 05:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/26/22 13:56*	*08/01/22 05:49*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*07/26/22 13:56*	*08/01/22 05:49*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-176 4' Lab Sample ID: 880-17204-176

Date Collected: 07/20/22 12:19 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 17:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 17:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*07/27/22 11:20*	*07/29/22 17:33*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*07/27/22 11:20*	*07/29/22 17:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**174**		5.00		mg/Kg			07/29/22 15:32	1

Client Sample ID: C-177 4' Lab Sample ID: 880-17204-177

Date Collected: 07/20/22 12:19 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *+	0.00200		mg/Kg		07/26/22 13:56	08/01/22 06:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 06:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 06:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:56	08/01/22 06:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	08/01/22 06:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:56	08/01/22 06:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:56*	*08/01/22 06:09*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*07/26/22 13:56*	*08/01/22 06:09*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *-	50.0		mg/Kg		07/27/22 11:20	07/29/22 17:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 11:20	07/29/22 17:56	1

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-177 4' Lab Sample ID: 880-17204-177

Date Collected: 07/20/22 12:19 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/27/22 11:20	07/29/22 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*36*	*S1-*	*70 - 130*	*07/27/22 11:20*	*07/29/22 17:56*	*1*
o-Terphenyl (Surr)	*32*	*S1-*	*70 - 130*	*07/27/22 11:20*	*07/29/22 17:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**167**		4.99		mg/Kg			07/29/22 15:56	1

Client Sample ID: C-178 4' Lab Sample ID: 880-17204-178

Date Collected: 07/20/22 12:20 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *+	0.00199		mg/Kg		07/26/22 13:56	08/01/22 06:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 06:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 06:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:56	08/01/22 06:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:56	08/01/22 06:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:56	08/01/22 06:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:56*	*08/01/22 06:30*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*07/26/22 13:56*	*08/01/22 06:30*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 18:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 18:20	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*7*	*S1-*	*70 - 130*	*07/27/22 11:20*	*07/29/22 18:20*	*1*
o-Terphenyl (Surr)	*0.4*	*S1-*	*70 - 130*	*07/27/22 11:20*	*07/29/22 18:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		4.95		mg/Kg			07/29/22 16:03	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-179 4'

Lab Sample ID: 880-17204-179
Matrix: Solid
Date Collected: 07/20/22 12:21
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U F1	0.00202		mg/Kg		07/26/22 13:58	07/31/22 14:42	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:58	07/31/22 14:42	1
Ethylbenzene	<0.00202	U F1	0.00202		mg/Kg		07/26/22 13:58	07/31/22 14:42	1
m,p-Xylenes	<0.00404	U F1	0.00404		mg/Kg		07/26/22 13:58	07/31/22 14:42	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:58	07/31/22 14:42	1
Xylenes, Total	<0.00404	U F1	0.00404		mg/Kg		07/26/22 13:58	07/31/22 14:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/26/22 13:58*	*07/31/22 14:42*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:58*	*07/31/22 14:42*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 18:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 18:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*4*	*S1-*	*70 - 130*	*07/27/22 11:20*	*07/29/22 18:46*	*1*
o-Terphenyl (Surr)	*0.3*	*S1-*	*70 - 130*	*07/27/22 11:20*	*07/29/22 18:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**301**		4.96		mg/Kg			07/29/22 16:11	1

Client Sample ID: C-180 4'

Lab Sample ID: 880-17204-180
Matrix: Solid
Date Collected: 07/20/22 12:21
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 15:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 15:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 15:03	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:58	07/31/22 15:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 15:03	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:58	07/31/22 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:58*	*07/31/22 15:03*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/26/22 13:58*	*07/31/22 15:03*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-180 4' Lab Sample ID: 880-17204-180

Date Collected: 07/20/22 12:21 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *-	49.9		mg/Kg		07/27/22 11:20	07/29/22 19:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 19:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 11:20	07/29/22 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*5*	*S1-*	*70 - 130*	*07/27/22 11:20*	*07/29/22 19:09*	*1*
o-Terphenyl (Surr)	*0.3*	*S1-*	*70 - 130*	*07/27/22 11:20*	*07/29/22 19:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.2**		5.01		mg/Kg			07/29/22 16:19	1

Client Sample ID: C-181 4' Lab Sample ID: 880-17204-181

Date Collected: 07/20/22 12:22 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 15:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 15:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 15:23	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:58	07/31/22 15:23	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 15:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:58	07/31/22 15:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/26/22 13:58*	*07/31/22 15:23*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:58*	*07/31/22 15:23*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**61.3**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		07/27/22 16:03	07/29/22 10:23	1
Diesel Range Organics (Over C10-C28)	**61.3**	**F1**	50.0		mg/Kg		07/27/22 16:03	07/29/22 10:23	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-181 4'

Date Collected: 07/20/22 12:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-181

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*07/27/22 16:03*	*07/29/22 10:23*	*1*
o-Terphenyl (Surr)	*126*		*70 - 130*	*07/27/22 16:03*	*07/29/22 10:23*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		5.03		mg/Kg			07/29/22 16:43	1

Client Sample ID: C-182 4'

Date Collected: 07/20/22 12:23
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-182

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		07/26/22 13:58	07/31/22 15:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 15:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 15:43	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:58	07/31/22 15:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 15:43	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 13:58	07/31/22 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*07/26/22 13:58*	*07/31/22 15:43*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:58*	*07/31/22 15:43*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**127**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 11:28	1
Diesel Range Organics (Over C10-C28)	**127**		49.9		mg/Kg		07/27/22 16:03	07/29/22 11:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 11:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*07/27/22 16:03*	*07/29/22 11:28*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*07/27/22 16:03*	*07/29/22 11:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**208**		5.05		mg/Kg			07/29/22 16:50	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-183 4'

Lab Sample ID: 880-17204-183
Matrix: Solid
Date Collected: 07/20/22 12:24
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 16:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 16:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 16:04	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:58	07/31/22 16:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 16:04	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:58	07/31/22 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:58*	*07/31/22 16:04*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/26/22 13:58*	*07/31/22 16:04*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**184**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 12:07	1
Diesel Range Organics (Over C10-C28)	**184**		50.0		mg/Kg		07/27/22 16:03	07/29/22 12:07	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 12:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*07/27/22 16:03*	*07/29/22 12:07*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*07/27/22 16:03*	*07/29/22 12:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		4.99		mg/Kg			07/29/22 19:18	1

Client Sample ID: C-184 4'

Lab Sample ID: 880-17204-184
Matrix: Solid
Date Collected: 07/20/22 12:25
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 16:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 16:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 16:24	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:58	07/31/22 16:24	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 16:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:58	07/31/22 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/26/22 13:58*	*07/31/22 16:24*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 13:58*	*07/31/22 16:24*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-184 4' Lab Sample ID: 880-17204-184

Date Collected: 07/20/22 12:25 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**207**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 12:28	1
Diesel Range Organics (Over C10-C28)	**207**		50.0		mg/Kg		07/27/22 16:03	07/29/22 12:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 12:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*07/27/22 16:03*	*07/29/22 12:28*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*07/27/22 16:03*	*07/29/22 12:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		4.99		mg/Kg			07/29/22 19:26	1

Client Sample ID: C-185 4' Lab Sample ID: 880-17204-185

Date Collected: 07/20/22 12:26 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 16:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 16:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 16:45	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:58	07/31/22 16:45	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 16:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:58	07/31/22 16:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/26/22 13:58*	*07/31/22 16:45*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:58*	*07/31/22 16:45*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**173**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 12:51	1
Diesel Range Organics (Over C10-C28)	**173**		49.9		mg/Kg		07/27/22 16:03	07/29/22 12:51	1

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-185 4' Lab Sample ID: 880-17204-185

Date Collected: 07/20/22 12:26 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/27/22 16:03	07/29/22 12:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*07/27/22 16:03*	*07/29/22 12:51*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*07/27/22 16:03*	*07/29/22 12:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		4.97		mg/Kg			07/29/22 19:34	1

Client Sample ID: C-186 4' Lab Sample ID: 880-17204-186

Date Collected: 07/20/22 12:27 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 17:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 17:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 17:05	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:58	07/31/22 17:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 17:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:58	07/31/22 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/26/22 13:58*	*07/31/22 17:05*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/26/22 13:58*	*07/31/22 17:05*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**174**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 13:13	1
Diesel Range Organics (Over C10-C28)	**174**		49.9		mg/Kg		07/27/22 16:03	07/29/22 13:13	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 13:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*07/27/22 16:03*	*07/29/22 13:13*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/27/22 16:03*	*07/29/22 13:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**124**	**F1**	4.95		mg/Kg			07/29/22 19:42	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-187 4'

Lab Sample ID: 880-17204-187
Matrix: Solid
Date Collected: 07/20/22 12:28
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 17:26	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 17:26	1
Ethylbenzene	**0.00211**		0.00201		mg/Kg		07/26/22 13:58	07/31/22 17:26	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:58	07/31/22 17:26	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 17:26	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:58	07/31/22 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*07/26/22 13:58*	*07/31/22 17:26*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/26/22 13:58*	*07/31/22 17:26*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**336**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 13:34	1
Diesel Range Organics (Over C10-C28)	**336**		49.9		mg/Kg		07/27/22 16:03	07/29/22 13:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 13:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*07/27/22 16:03*	*07/29/22 13:34*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*07/27/22 16:03*	*07/29/22 13:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**154**		5.01		mg/Kg			07/29/22 20:05	1

Client Sample ID: C-188 4'

Lab Sample ID: 880-17204-188
Matrix: Solid
Date Collected: 07/20/22 12:29
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 17:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 17:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 17:46	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:58	07/31/22 17:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 17:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 13:58	07/31/22 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/26/22 13:58*	*07/31/22 17:46*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/26/22 13:58*	*07/31/22 17:46*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-188 4' Lab Sample ID: 880-17204-188

Date Collected: 07/20/22 12:29 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 13:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 13:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 13:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*07/27/22 16:03*	*07/29/22 13:56*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*07/27/22 16:03*	*07/29/22 13:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		5.04		mg/Kg			07/29/22 20:13	1

Client Sample ID: C-189 4' Lab Sample ID: 880-17204-189

Date Collected: 07/20/22 12:30 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 19:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 19:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 19:37	1
m,p-Xylenes	**0.00477**		0.00400		mg/Kg		07/26/22 13:58	07/31/22 19:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 19:37	1
Xylenes, Total	**0.00477**		0.00400		mg/Kg		07/26/22 13:58	07/31/22 19:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/26/22 13:58*	*07/31/22 19:37*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:58*	*07/31/22 19:37*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00477**		0.00400		mg/Kg			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**211**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 14:17	1
Diesel Range Organics (Over C10-C28)	**211**		49.9		mg/Kg		07/27/22 16:03	07/29/22 14:17	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-189 4'

Date Collected: 07/20/22 12:30
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-189

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		07/27/22 16:03	07/29/22 14:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*07/27/22 16:03*	*07/29/22 14:17*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*07/27/22 16:03*	*07/29/22 14:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**171**		5.04		mg/Kg			07/29/22 20:37	1

Client Sample ID: C-190 4'

Date Collected: 07/20/22 12:31
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-190

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		07/26/22 13:58	07/31/22 19:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 19:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 19:58	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:58	07/31/22 19:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 19:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:58	07/31/22 19:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:58*	*07/31/22 19:58*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:58*	*07/31/22 19:58*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**145**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 14:39	1
Diesel Range Organics (Over C10-C28)	**145**		49.9		mg/Kg		07/27/22 16:03	07/29/22 14:39	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 14:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*07/27/22 16:03*	*07/29/22 14:39*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*07/27/22 16:03*	*07/29/22 14:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**116**		5.04		mg/Kg			07/29/22 20:45	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-191 4'

Lab Sample ID: 880-17204-191
Matrix: Solid
Date Collected: 07/20/22 12:32
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 20:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 20:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 20:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:58	07/31/22 20:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 20:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:58	07/31/22 20:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:58*	*07/31/22 20:18*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 13:58*	*07/31/22 20:18*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**115**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 15:46	1
Diesel Range Organics (Over C10-C28)	**115**		50.0		mg/Kg		07/27/22 16:03	07/29/22 15:46	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*07/27/22 16:03*	*07/29/22 15:46*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*07/27/22 16:03*	*07/29/22 15:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**129**		4.99		mg/Kg			07/29/22 20:53	1

Client Sample ID: C-192 4'

Lab Sample ID: 880-17204-192
Matrix: Solid
Date Collected: 07/20/22 12:33
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 20:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 20:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 20:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 13:58	07/31/22 20:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 13:58	07/31/22 20:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 13:58	07/31/22 20:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 13:58*	*07/31/22 20:39*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*07/26/22 13:58*	*07/31/22 20:39*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-192 4' Lab Sample ID: 880-17204-192

Date Collected: 07/20/22 12:33 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**327**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 16:07	1
Diesel Range Organics (Over C10-C28)	**327**		49.9		mg/Kg		07/27/22 16:03	07/29/22 16:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*07/27/22 16:03*	*07/29/22 16:07*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*07/27/22 16:03*	*07/29/22 16:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**112**		4.95		mg/Kg			07/29/22 21:01	1

Client Sample ID: C-193 4' Lab Sample ID: 880-17204-193

Date Collected: 07/20/22 12:34 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:58	07/31/22 20:59	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:58	07/31/22 20:59	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:58	07/31/22 20:59	1
m,p-Xylenes	**0.00405**		0.00397		mg/Kg		07/26/22 13:58	07/31/22 20:59	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:58	07/31/22 20:59	1
Xylenes, Total	**0.00405**		0.00397		mg/Kg		07/26/22 13:58	07/31/22 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/26/22 13:58*	*07/31/22 20:59*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:58*	*07/31/22 20:59*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00405**		0.00397		mg/Kg			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**177**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 16:28	1
Diesel Range Organics (Over C10-C28)	**177**		49.9		mg/Kg		07/27/22 16:03	07/29/22 16:28	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-193 4'

Date Collected: 07/20/22 12:34
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-193

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		07/27/22 16:03	07/29/22 16:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*07/27/22 16:03*	*07/29/22 16:28*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*07/27/22 16:03*	*07/29/22 16:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**453**		4.97		mg/Kg			07/29/22 21:08	1

Client Sample ID: C-194 4'

Date Collected: 07/20/22 12:35
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-194

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		07/26/22 13:58	07/31/22 21:20	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:58	07/31/22 21:20	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:58	07/31/22 21:20	1
m,p-Xylenes	**0.00536**		0.00396		mg/Kg		07/26/22 13:58	07/31/22 21:20	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 13:58	07/31/22 21:20	1
Xylenes, Total	**0.00536**		0.00396		mg/Kg		07/26/22 13:58	07/31/22 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*07/26/22 13:58*	*07/31/22 21:20*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 13:58*	*07/31/22 21:20*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00536**		0.00396		mg/Kg			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**125**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 16:50	1
Diesel Range Organics (Over C10-C28)	**125**		50.0		mg/Kg		07/27/22 16:03	07/29/22 16:50	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 16:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*07/27/22 16:03*	*07/29/22 16:50*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*07/27/22 16:03*	*07/29/22 16:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**323**		5.02		mg/Kg			07/29/22 21:16	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-195 4'

Lab Sample ID: 880-17204-195
Matrix: Solid
Date Collected: 07/20/22 12:36
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 21:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 21:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 21:40	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 13:58	07/31/22 21:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 21:40	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 13:58	07/31/22 21:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:58*	*07/31/22 21:40*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 13:58*	*07/31/22 21:40*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**134**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 17:12	1
Diesel Range Organics (Over C10-C28)	**134**		49.9		mg/Kg		07/27/22 16:03	07/29/22 17:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 17:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*07/27/22 16:03*	*07/29/22 17:12*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*07/27/22 16:03*	*07/29/22 17:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**80.4**		4.99		mg/Kg			07/29/22 21:24	1

Client Sample ID: C-196

Lab Sample ID: 880-17204-196
Matrix: Solid
Date Collected: 07/20/22 12:36
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 22:01	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 22:01	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 22:01	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 13:58	07/31/22 22:01	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 13:58	07/31/22 22:01	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 13:58	07/31/22 22:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/26/22 13:58*	*07/31/22 22:01*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:58*	*07/31/22 22:01*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-196

Date Collected: 07/20/22 12:36
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-196
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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**194**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 17:33	1
Diesel Range Organics (Over C10-C28)	**194**		49.9		mg/Kg		07/27/22 16:03	07/29/22 17:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*07/27/22 16:03*	*07/29/22 17:33*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*07/27/22 16:03*	*07/29/22 17:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**159**		5.02		mg/Kg			07/30/22 03:10	1

Client Sample ID: C-197

Date Collected: 07/20/22 12:37
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-197
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		07/26/22 13:58	07/31/22 22:21	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:58	07/31/22 22:21	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:58	07/31/22 22:21	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/26/22 13:58	07/31/22 22:21	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 13:58	07/31/22 22:21	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/26/22 13:58	07/31/22 22:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 13:58*	*07/31/22 22:21*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:58*	*07/31/22 22:21*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**73.0**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 17:56	1
Diesel Range Organics (Over C10-C28)	**73.0**		50.0		mg/Kg		07/27/22 16:03	07/29/22 17:56	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-197

Date Collected: 07/20/22 12:37
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-197
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		07/27/22 16:03	07/29/22 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*07/27/22 16:03*	*07/29/22 17:56*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/27/22 16:03*	*07/29/22 17:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**220**		5.05		mg/Kg			07/30/22 03:33	1

Client Sample ID: C-198

Date Collected: 07/20/22 12:38
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-198
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		07/26/22 13:58	07/31/22 22:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 22:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 22:41	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 13:58	07/31/22 22:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 22:41	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 13:58	07/31/22 22:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/26/22 13:58*	*07/31/22 22:41*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 13:58*	*07/31/22 22:41*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 18:20	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 18:20	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*2*	*S1-*	*70 - 130*	*07/27/22 16:03*	*07/29/22 18:20*	*1*
o-Terphenyl (Surr)	*0.2*	*S1-*	*70 - 130*	*07/27/22 16:03*	*07/29/22 18:20*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**260**		5.05		mg/Kg			07/30/22 03:41	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-199

Date Collected: 07/20/22 12:39
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-199
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		07/26/22 14:01	08/01/22 02:19	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 02:19	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 02:19	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/26/22 14:01	08/01/22 02:19	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 02:19	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/26/22 14:01	08/01/22 02:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*07/26/22 14:01*	*08/01/22 02:19*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 14:01*	*08/01/22 02:19*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 18:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 18:46	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 18:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*2*	*S1-*	*70 - 130*	*07/27/22 16:03*	*07/29/22 18:46*	*1*
o-Terphenyl (Surr)	*0.3*	*S1-*	*70 - 130*	*07/27/22 16:03*	*07/29/22 18:46*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**143**		4.99		mg/Kg			07/30/22 03:49	1

Client Sample ID: C-200

Date Collected: 07/20/22 12:40
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-200
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		07/26/22 14:01	08/01/22 02:40	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 02:40	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 02:40	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 14:01	08/01/22 02:40	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 02:40	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 14:01	08/01/22 02:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*07/26/22 14:01*	*08/01/22 02:40*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*07/26/22 14:01*	*08/01/22 02:40*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-200 Lab Sample ID: 880-17204-200
Date Collected: 07/20/22 12:40 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 19:09	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 19:09	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:03	07/29/22 19:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*59*	*S1-*	*70 - 130*	*07/27/22 16:03*	*07/29/22 19:09*	*1*
o-Terphenyl (Surr)	*61*	*S1-*	*70 - 130*	*07/27/22 16:03*	*07/29/22 19:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**216**		5.00		mg/Kg			07/30/22 03:57	1

Client Sample ID: C-201 Lab Sample ID: 880-17204-201
Date Collected: 07/20/22 12:41 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 03:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 03:00	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 03:00	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 14:01	08/01/22 03:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 03:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 14:01	08/01/22 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 14:01*	*08/01/22 03:00*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 14:01*	*08/01/22 03:00*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**52.1**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		07/27/22 16:06	07/29/22 20:59	1
Diesel Range Organics (Over C10-C28)	**52.1**	**F1**	50.0		mg/Kg		07/27/22 16:06	07/29/22 20:59	1

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-201 Lab Sample ID: 880-17204-201
Date Collected: 07/20/22 12:41 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/29/22 20:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*07/27/22 16:06*	*07/29/22 20:59*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*07/27/22 16:06*	*07/29/22 20:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**191**		5.00		mg/Kg			07/30/22 04:20	1

Client Sample ID: C-202 Lab Sample ID: 880-17204-202
Date Collected: 07/20/22 12:42 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 03:20	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 03:20	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 03:20	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 14:01	08/01/22 03:20	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 03:20	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 14:01	08/01/22 03:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*07/26/22 14:01*	*08/01/22 03:20*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 14:01*	*08/01/22 03:20*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**76.7**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/29/22 22:04	1
Diesel Range Organics (Over C10-C28)	**76.7**		49.9		mg/Kg		07/27/22 16:06	07/29/22 22:04	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/29/22 22:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*07/27/22 16:06*	*07/29/22 22:04*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*07/27/22 16:06*	*07/29/22 22:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**182**		5.00		mg/Kg			07/30/22 04:28	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-203

Date Collected: 07/20/22 12:43
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-203

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		07/26/22 14:01	08/01/22 03:41	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 14:01	08/01/22 03:41	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 14:01	08/01/22 03:41	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		07/26/22 14:01	08/01/22 03:41	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 14:01	08/01/22 03:41	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		07/26/22 14:01	08/01/22 03:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 14:01*	*08/01/22 03:41*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 14:01*	*08/01/22 03:41*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**202**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/29/22 22:26	1
Diesel Range Organics (Over C10-C28)	**202**		50.0		mg/Kg		07/27/22 16:06	07/29/22 22:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/29/22 22:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*07/27/22 16:06*	*07/29/22 22:26*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/27/22 16:06*	*07/29/22 22:26*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**138**		5.00		mg/Kg			07/30/22 04:36	1

Client Sample ID: C-204

Date Collected: 07/20/22 12:44
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-204

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		07/26/22 14:01	08/01/22 04:01	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 14:01	08/01/22 04:01	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 14:01	08/01/22 04:01	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		07/26/22 14:01	08/01/22 04:01	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 14:01	08/01/22 04:01	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		07/26/22 14:01	08/01/22 04:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/26/22 14:01*	*08/01/22 04:01*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 14:01*	*08/01/22 04:01*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-204 Lab Sample ID: 880-17204-204
Date Collected: 07/20/22 12:44 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**283**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/29/22 22:47	1
Diesel Range Organics (Over C10-C28)	**283**		50.0		mg/Kg		07/27/22 16:06	07/29/22 22:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/29/22 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*07/27/22 16:06*	*07/29/22 22:47*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*07/27/22 16:06*	*07/29/22 22:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**116**		5.04		mg/Kg			07/30/22 04:44	1

Client Sample ID: C-205 Lab Sample ID: 880-17204-205
Date Collected: 07/20/22 12:45 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 04:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 04:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 04:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 14:01	08/01/22 04:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 04:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 14:01	08/01/22 04:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 14:01*	*08/01/22 04:22*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/26/22 14:01*	*08/01/22 04:22*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**56.2**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/29/22 23:09	1
Diesel Range Organics (Over C10-C28)	**56.2**		49.9		mg/Kg		07/27/22 16:06	07/29/22 23:09	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-205

Date Collected: 07/20/22 12:45
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-205
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		07/27/22 16:06	07/29/22 23:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*07/27/22 16:06*	*07/29/22 23:09*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*07/27/22 16:06*	*07/29/22 23:09*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.9**		5.02		mg/Kg			07/30/22 04:52	1

Client Sample ID: C-206

Date Collected: 07/20/22 12:47
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-206
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		07/26/22 14:01	08/01/22 04:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 04:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 04:42	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 14:01	08/01/22 04:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 04:42	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 14:01	08/01/22 04:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/26/22 14:01*	*08/01/22 04:42*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 14:01*	*08/01/22 04:42*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**114**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/29/22 23:31	1
Diesel Range Organics (Over C10-C28)	**114**		49.9		mg/Kg		07/27/22 16:06	07/29/22 23:31	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/29/22 23:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*07/27/22 16:06*	*07/29/22 23:31*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*07/27/22 16:06*	*07/29/22 23:31*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**165**		4.97		mg/Kg			07/30/22 04:59	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-207

Date Collected: 07/20/22 12:48
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-207

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		07/26/22 14:01	08/01/22 05:02	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 14:01	08/01/22 05:02	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 14:01	08/01/22 05:02	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 14:01	08/01/22 05:02	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 14:01	08/01/22 05:02	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 14:01	08/01/22 05:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*07/26/22 14:01*	*08/01/22 05:02*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*07/26/22 14:01*	*08/01/22 05:02*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**123**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/29/22 23:52	1
Diesel Range Organics (Over C10-C28)	**123**		49.9		mg/Kg		07/27/22 16:06	07/29/22 23:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/29/22 23:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*07/27/22 16:06*	*07/29/22 23:52*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*07/27/22 16:06*	*07/29/22 23:52*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**221**		4.95		mg/Kg			07/30/22 05:23	1

Client Sample ID: C-208

Date Collected: 07/20/22 12:49
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-208

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		07/26/22 14:01	08/01/22 05:23	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 05:23	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 05:23	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/26/22 14:01	08/01/22 05:23	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 05:23	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/26/22 14:01	08/01/22 05:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/26/22 14:01*	*08/01/22 05:23*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/26/22 14:01*	*08/01/22 05:23*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-208

Date Collected: 07/20/22 12:49
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-208
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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**67.2**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 00:14	1
Diesel Range Organics (Over C10-C28)	**67.2**		49.9		mg/Kg		07/27/22 16:06	07/30/22 00:14	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 00:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*07/27/22 16:06*	*07/30/22 00:14*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*07/27/22 16:06*	*07/30/22 00:14*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**227**		4.96		mg/Kg			07/30/22 05:31	1

Client Sample ID: C-209

Date Collected: 07/20/22 12:50
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-209
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		07/26/22 14:01	08/01/22 07:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 14:01	08/01/22 07:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 14:01	08/01/22 07:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 14:01	08/01/22 07:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 14:01	08/01/22 07:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 14:01	08/01/22 07:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/26/22 14:01*	*08/01/22 07:12*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 14:01*	*08/01/22 07:12*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**79.2**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 00:36	1
Diesel Range Organics (Over C10-C28)	**79.2**		49.9		mg/Kg		07/27/22 16:06	07/30/22 00:36	1

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Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-209 Lab Sample ID: 880-17204-209
Date Collected: 07/20/22 12:50 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/27/22 16:06	07/30/22 00:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*07/27/22 16:06*	*07/30/22 00:36*	*1*
o-Terphenyl (Surr)	*134*	*S1+*	*70 - 130*	*07/27/22 16:06*	*07/30/22 00:36*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**262**		4.96		mg/Kg			07/30/22 05:54	1

Client Sample ID: C-210 Lab Sample ID: 880-17204-210
Date Collected: 07/20/22 12:51 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 07:33	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 07:33	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 07:33	1
m,p-Xylenes	<0.00403	U	0.00403		mg/Kg		07/26/22 14:01	08/01/22 07:33	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 07:33	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		07/26/22 14:01	08/01/22 07:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*07/26/22 14:01*	*08/01/22 07:33*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*07/26/22 14:01*	*08/01/22 07:33*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**64.8**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 00:57	1
Diesel Range Organics (Over C10-C28)	**64.8**		50.0		mg/Kg		07/27/22 16:06	07/30/22 00:57	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*07/27/22 16:06*	*07/30/22 00:57*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*07/27/22 16:06*	*07/30/22 00:57*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**225**		5.00		mg/Kg			07/30/22 06:02	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-211 4' Lab Sample ID: 880-17204-211

Date Collected: 07/20/22 12:52 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 07:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 07:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 07:53	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/26/22 14:01	08/01/22 07:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 07:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/26/22 14:01	08/01/22 07:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 14:01*	*08/01/22 07:53*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 14:01*	*08/01/22 07:53*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 01:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 01:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 01:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*07/27/22 16:06*	*07/30/22 01:41*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*07/27/22 16:06*	*07/30/22 01:41*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**204**		5.01		mg/Kg			07/30/22 06:10	1

Client Sample ID: C-212 4' Lab Sample ID: 880-17204-212

Date Collected: 07/20/22 12:53 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 08:37	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 08:37	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 08:37	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/26/22 14:01	08/01/22 08:37	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/26/22 14:01	08/01/22 08:37	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/26/22 14:01	08/01/22 08:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/26/22 14:01*	*08/01/22 08:37*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*07/26/22 14:01*	*08/01/22 08:37*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-212 4' Lab Sample ID: 880-17204-212

Date Collected: 07/20/22 12:53 **Matrix: Solid**
Date Received: 07/21/22 11:12

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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 02:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 02:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 02:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*07/27/22 16:06*	*07/30/22 02:02*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*07/27/22 16:06*	*07/30/22 02:02*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**183**		4.97		mg/Kg			07/30/22 06:18	1

Client Sample ID: C-213 4' Lab Sample ID: 880-17204-213

Date Collected: 07/20/22 12:54 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		07/26/22 14:01	08/01/22 08:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		07/26/22 14:01	08/01/22 08:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		07/26/22 14:01	08/01/22 08:57	1
m,p-Xylenes	**0.00485**		0.00397		mg/Kg		07/26/22 14:01	08/01/22 08:57	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		07/26/22 14:01	08/01/22 08:57	1
Xylenes, Total	**0.00485**		0.00397		mg/Kg		07/26/22 14:01	08/01/22 08:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/26/22 14:01*	*08/01/22 08:57*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/26/22 14:01*	*08/01/22 08:57*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00485**		0.00397		mg/Kg			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 02:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 02:24	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-213 4' Lab Sample ID: 880-17204-213

Date Collected: 07/20/22 12:54 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/27/22 16:06	07/30/22 02:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*07/27/22 16:06*	*07/30/22 02:24*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*07/27/22 16:06*	*07/30/22 02:24*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**155**		4.98		mg/Kg			07/30/22 06:26	1

Client Sample ID: C-214 4' Lab Sample ID: 880-17204-214

Date Collected: 07/20/22 12:55 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 09:17	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 09:17	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 09:17	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/26/22 14:01	08/01/22 09:17	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 09:17	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/26/22 14:01	08/01/22 09:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 14:01*	*08/01/22 09:17*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 14:01*	*08/01/22 09:17*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**308**		50.0		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	**308**		50.0		mg/Kg		07/27/22 16:06	07/30/22 02:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 02:45	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 02:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*07/27/22 16:06*	*07/30/22 02:45*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*07/27/22 16:06*	*07/30/22 02:45*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**324**		5.03		mg/Kg			07/30/22 06:34	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-215 4'

Lab Sample ID: 880-17204-215
Matrix: Solid
Date Collected: 07/20/22 12:56
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/26/22 14:01	08/01/22 09:38	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/26/22 14:01	08/01/22 09:38	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/26/22 14:01	08/01/22 09:38	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/26/22 14:01	08/01/22 09:38	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/26/22 14:01	08/01/22 09:38	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/26/22 14:01	08/01/22 09:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*07/26/22 14:01*	*08/01/22 09:38*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 14:01*	*08/01/22 09:38*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 03:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 03:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 03:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*130*		*70 - 130*	*07/27/22 16:06*	*07/30/22 03:07*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*07/27/22 16:06*	*07/30/22 03:07*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**382**		5.00		mg/Kg			07/30/22 06:42	1

Client Sample ID: C-216 4'

Lab Sample ID: 880-17204-216
Matrix: Solid
Date Collected: 07/20/22 12:57
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 09:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 09:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 09:58	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/26/22 14:01	08/01/22 09:58	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 09:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/26/22 14:01	08/01/22 09:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 14:01*	*08/01/22 09:58*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*07/26/22 14:01*	*08/01/22 09:58*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-216 4'

Date Collected: 07/20/22 12:57
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-216

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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 03:28	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 03:28	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*07/27/22 16:06*	*07/30/22 03:28*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*07/27/22 16:06*	*07/30/22 03:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**405**		5.03		mg/Kg			07/27/22 04:22	1

Client Sample ID: C-217 4'

Date Collected: 07/20/22 12:58
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-217

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		07/26/22 14:01	08/01/22 10:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 10:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 10:19	1
m,p-Xylenes	**0.00417**		0.00399		mg/Kg		07/26/22 14:01	08/01/22 10:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 10:19	1
Xylenes, Total	**0.00417**		0.00399		mg/Kg		07/26/22 14:01	08/01/22 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/26/22 14:01*	*08/01/22 10:19*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*07/26/22 14:01*	*08/01/22 10:19*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.00417**		0.00399		mg/Kg			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 03:50	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 03:50	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-217 4' Lab Sample ID: 880-17204-217

Date Collected: 07/20/22 12:58 **Matrix: Solid**
Date Received: 07/21/22 11:12

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		07/27/22 16:06	07/30/22 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*07/27/22 16:06*	*07/30/22 03:50*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*07/27/22 16:06*	*07/30/22 03:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**291**		5.00		mg/Kg			07/27/22 04:49	1

Client Sample ID: C-218 4' Lab Sample ID: 880-17204-218

Date Collected: 07/20/22 12:59 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 10:39	1
Toluene	**0.00239**		0.00202		mg/Kg		07/26/22 14:01	08/01/22 10:39	1
Ethylbenzene	**0.00252**		0.00202		mg/Kg		07/26/22 14:01	08/01/22 10:39	1
m,p-Xylenes	**0.00593**		0.00403		mg/Kg		07/26/22 14:01	08/01/22 10:39	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/26/22 14:01	08/01/22 10:39	1
Xylenes, Total	**0.00593**		0.00403		mg/Kg		07/26/22 14:01	08/01/22 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*07/26/22 14:01*	*08/01/22 10:39*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/26/22 14:01*	*08/01/22 10:39*	*1*

Method: Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0108**		0.00403		mg/Kg			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 04:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 04:12	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*07/27/22 16:06*	*07/30/22 04:12*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*07/27/22 16:06*	*07/30/22 04:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**549**		4.97		mg/Kg			07/27/22 04:59	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-219 4'

Lab Sample ID: 880-17204-219
Matrix: Solid
Date Collected: 07/20/22 13:00
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/01/22 22:24	1
Toluene	**0.00294**		0.00201		mg/Kg		07/28/22 10:44	08/01/22 22:24	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/01/22 22:24	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/28/22 10:44	08/01/22 22:24	1
o-Xylene	<0.00201	U F1	0.00201		mg/Kg		07/28/22 10:44	08/01/22 22:24	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/28/22 10:44	08/01/22 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*07/28/22 10:44*	*08/01/22 22:24*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*07/28/22 10:44*	*08/01/22 22:24*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 04:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 04:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/30/22 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*07/27/22 16:06*	*07/30/22 04:33*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*07/27/22 16:06*	*07/30/22 04:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**480**		4.96		mg/Kg			07/27/22 05:08	1

Client Sample ID: C-220 4'

Lab Sample ID: 880-17204-220
Matrix: Solid
Date Collected: 07/20/22 13:01
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/01/22 22:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/01/22 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/01/22 22:45	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/28/22 10:44	08/01/22 22:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/01/22 22:45	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/28/22 10:44	08/01/22 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/28/22 10:44*	*08/01/22 22:45*	*1*
1,4-Difluorobenzene (Surr)	*125*		*70 - 130*	*07/28/22 10:44*	*08/01/22 22:45*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-220 4'

Lab Sample ID: 880-17204-220
Matrix: Solid
Date Collected: 07/20/22 13:01
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**79.4**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 04:54	1
Diesel Range Organics (Over C10-C28)	**79.4**		49.9		mg/Kg		07/27/22 16:06	07/30/22 04:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/27/22 16:06	07/30/22 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*07/27/22 16:06*	*07/30/22 04:54*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*07/27/22 16:06*	*07/30/22 04:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.2**		4.96		mg/Kg			07/27/22 05:17	1

Client Sample ID: C-221 0-4'

Lab Sample ID: 880-17204-221
Matrix: Solid
Date Collected: 07/20/22 13:02
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/01/22 23:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/01/22 23:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/01/22 23:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/28/22 10:44	08/01/22 23:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/01/22 23:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/28/22 10:44	08/01/22 23:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*	*07/28/22 10:44*	*08/01/22 23:05*	*1*
1,4-Difluorobenzene (Surr)	*121*		*70 - 130*	*07/28/22 10:44*	*08/01/22 23:05*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 13:32	07/30/22 03:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 13:32	07/30/22 03:28	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-221 0-4' Lab Sample ID: 880-17204-221

Date Collected: 07/20/22 13:02 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 13:32	07/30/22 03:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*74*		*70 - 130*	*07/28/22 13:32*	*07/30/22 03:28*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*07/28/22 13:32*	*07/30/22 03:28*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.02	U	5.02		mg/Kg			07/27/22 05:45	1

Client Sample ID: C-222 0-4' Lab Sample ID: 880-17204-222

Date Collected: 07/20/22 13:03 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/01/22 23:26	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/01/22 23:26	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/01/22 23:26	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/28/22 10:44	08/01/22 23:26	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/01/22 23:26	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/28/22 10:44	08/01/22 23:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/28/22 10:44*	*08/01/22 23:26*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*07/28/22 10:44*	*08/01/22 23:26*	*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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**81.1**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 13:32	07/30/22 03:50	1
Diesel Range Organics (Over C10-C28)	**81.1**		49.9		mg/Kg		07/28/22 13:32	07/30/22 03:50	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 13:32	07/30/22 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*07/28/22 13:32*	*07/30/22 03:50*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*07/28/22 13:32*	*07/30/22 03:50*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		5.01		mg/Kg			07/27/22 05:54	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-223 0-4'

Lab Sample ID: 880-17204-223
Matrix: Solid
Date Collected: 07/20/22 13:04
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/01/22 23:47	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/01/22 23:47	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/01/22 23:47	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/28/22 10:44	08/01/22 23:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/01/22 23:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/28/22 10:44	08/01/22 23:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/28/22 10:44*	*08/01/22 23:47*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*07/28/22 10:44*	*08/01/22 23:47*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 13:32	07/30/22 04:12	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 13:32	07/30/22 04:12	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 13:32	07/30/22 04:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*07/28/22 13:32*	*07/30/22 04:12*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*07/28/22 13:32*	*07/30/22 04:12*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**956**		4.97		mg/Kg			07/27/22 06:03	1

Client Sample ID: C-224 0-4'

Lab Sample ID: 880-17204-224
Matrix: Solid
Date Collected: 07/20/22 13:05
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/28/22 10:44	08/02/22 00:07	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/28/22 10:44	08/02/22 00:07	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/28/22 10:44	08/02/22 00:07	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/28/22 10:44	08/02/22 00:07	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/28/22 10:44	08/02/22 00:07	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/28/22 10:44	08/02/22 00:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/28/22 10:44*	*08/02/22 00:07*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*07/28/22 10:44*	*08/02/22 00:07*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-224 0-4'
Date Collected: 07/20/22 13:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-224
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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 13:32	07/30/22 04:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 13:32	07/30/22 04:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 13:32	07/30/22 04:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*60*	*S1-*	*70 - 130*	*07/28/22 13:32*	*07/30/22 04:33*	*1*
o-Terphenyl (Surr)	*60*	*S1-*	*70 - 130*	*07/28/22 13:32*	*07/30/22 04:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.9**		4.99		mg/Kg			07/27/22 06:12	1

Client Sample ID: C-225 0-4'
Date Collected: 07/20/22 13:06
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-225
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		07/28/22 10:44	08/02/22 00:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/02/22 00:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/02/22 00:28	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		07/28/22 10:44	08/02/22 00:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/02/22 00:28	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		07/28/22 10:44	08/02/22 00:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/28/22 10:44*	*08/02/22 00:28*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*07/28/22 10:44*	*08/02/22 00:28*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 13:32	07/30/22 04:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 13:32	07/30/22 04:54	1

Eurofins Midland

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-225 0-4'

Lab Sample ID: 880-17204-225
Matrix: Solid
Date Collected: 07/20/22 13:06
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 13:32	07/30/22 04:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*55*	*S1-*	*70 - 130*	*07/28/22 13:32*	*07/30/22 04:54*	*1*
o-Terphenyl (Surr)	*52*	*S1-*	*70 - 130*	*07/28/22 13:32*	*07/30/22 04:54*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**42.2**		4.96		mg/Kg			07/27/22 06:21	1

Client Sample ID: C-226 0-4'

Lab Sample ID: 880-17204-226
Matrix: Solid
Date Collected: 07/20/22 13:07
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/02/22 00:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/02/22 00:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/02/22 00:49	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/28/22 10:44	08/02/22 00:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/02/22 00:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/28/22 10:44	08/02/22 00:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*07/28/22 10:44*	*08/02/22 00:49*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*07/28/22 10:44*	*08/02/22 00:49*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 11:13	07/29/22 03:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 11:13	07/29/22 03:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 11:13	07/29/22 03:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*07/28/22 11:13*	*07/29/22 03:56*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*07/28/22 11:13*	*07/29/22 03:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.9**		4.98		mg/Kg			07/27/22 06:31	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-227 0-4'

Lab Sample ID: 880-17204-227
Matrix: Solid
Date Collected: 07/20/22 13:08
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/02/22 01:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/02/22 01:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/02/22 01:09	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		07/28/22 10:44	08/02/22 01:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/02/22 01:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		07/28/22 10:44	08/02/22 01:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/28/22 10:44*	*08/02/22 01:09*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*07/28/22 10:44*	*08/02/22 01:09*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 11:13	07/29/22 04:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		07/28/22 11:13	07/29/22 04:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		07/28/22 11:13	07/29/22 04:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*77*		*70 - 130*	*07/28/22 11:13*	*07/29/22 04:17*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*07/28/22 11:13*	*07/29/22 04:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**297**		5.00		mg/Kg			07/27/22 06:59	1

Client Sample ID: C-228 0-4'

Lab Sample ID: 880-17204-228
Matrix: Solid
Date Collected: 07/20/22 13:09
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/02/22 01:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/02/22 01:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/02/22 01:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		07/28/22 10:44	08/02/22 01:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		07/28/22 10:44	08/02/22 01:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		07/28/22 10:44	08/02/22 01:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*07/28/22 10:44*	*08/02/22 01:30*	*1*
1,4-Difluorobenzene (Surr)	*116*		*70 - 130*	*07/28/22 10:44*	*08/02/22 01:30*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-228 0-4'

Lab Sample ID: 880-17204-228
Matrix: Solid
Date Collected: 07/20/22 13:09
Date Received: 07/21/22 11:12

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			07/27/22 10:07	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**408**		49.9		mg/Kg			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		07/28/22 11:13	07/29/22 04:39	1
Diesel Range Organics (Over C10-C28)	**358**		49.9		mg/Kg		07/28/22 11:13	07/29/22 04:39	1
Oil Range Organics (Over C28-C36)	**50.2**		49.9		mg/Kg		07/28/22 11:13	07/29/22 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*07/28/22 11:13*	*07/29/22 04:39*	*1*
o-Terphenyl (Surr)	*83*		*70 - 130*	*07/28/22 11:13*	*07/29/22 04:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**284**		5.04		mg/Kg			07/27/22 07:08	1

Client Sample ID: C-229 0-4'

Lab Sample ID: 880-17204-229
Matrix: Solid
Date Collected: 07/20/22 13:10
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/02/22 02:52	1
Toluene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/02/22 02:52	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/02/22 02:52	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		07/28/22 10:44	08/02/22 02:52	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		07/28/22 10:44	08/02/22 02:52	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		07/28/22 10:44	08/02/22 02:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*07/28/22 10:44*	*08/02/22 02:52*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/28/22 10:44*	*08/02/22 02:52*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		07/28/22 11:13	07/29/22 05:00	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

Client Sample ID: C-229 0-4'
Lab Sample ID: 880-17204-229
Date Collected: 07/20/22 13:10 **Matrix: Solid**
Date Received: 07/21/22 11:12

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		07/28/22 11:13	07/29/22 05:00	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		07/28/22 11:13	07/29/22 05:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*07/28/22 11:13*	*07/29/22 05:00*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*07/28/22 11:13*	*07/29/22 05:00*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**13.1**		5.04		mg/Kg			07/27/22 07:35	1

Client Sample ID: C-230 0-4'
Lab Sample ID: 880-17204-230
Date Collected: 07/20/22 13:11 **Matrix: Solid**
Date Received: 07/21/22 11:12

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		07/28/22 10:44	08/02/22 03:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		07/28/22 10:44	08/02/22 03:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		07/28/22 10:44	08/02/22 03:13	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		07/28/22 10:44	08/02/22 03:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		07/28/22 10:44	08/02/22 03:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		07/28/22 10:44	08/02/22 03:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*07/28/22 10:44*	*08/02/22 03:13*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*07/28/22 10:44*	*08/02/22 03:13*	*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			07/27/22 10:07	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			07/27/22 09:04	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		07/28/22 11:13	07/29/22 05:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 11:13	07/29/22 05:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 11:13	07/29/22 05:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*07/28/22 11:13*	*07/29/22 05:22*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*07/28/22 11:13*	*07/29/22 05:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1170**		5.04		mg/Kg			07/27/22 07:45	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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)
880-17204-1	C-1 1.5'	124	111
880-17204-2	C-2 1.5'	100	92
880-17204-3	C-3 1.5'	106	100
880-17204-4	C-4 1.5'	121	115
880-17204-5	C-5 1.5'	107	82
880-17204-6	C-6 1.5'	109	92
880-17204-7	C-7 1.5'	89	109
880-17204-8	C-8 1.5'	89	100
880-17204-9	C-9 1.5'	89	129
880-17204-10	C-10 1.5'	90	104
880-17204-11	C-11 1.5'	107	82
880-17204-12	C-12 1.5'	110	92
880-17204-13	C-13 2'	108	88
880-17204-14	C-14 2'	112	96
880-17204-15	C-15 2'	109	96
880-17204-16	C-16 1'	104	100
880-17204-17	C-17 1'	105	99
880-17204-18	C-18 1'	102	104
880-17204-19	C-19 1'	143 S1+	81
880-17204-19 MS	C-19 1'	138 S1+	118
880-17204-19 MSD	C-19 1'	119	125
880-17204-20	C-20 2'	134 S1+	145 S1+
880-17204-21	C-21 2'	133 S1+	126
880-17204-22	C-22 2'	130	109
880-17204-23	C-23 2'	101	83
880-17204-24	C-24 2'	147 S1+	108
880-17204-25	C-25 2'	135 S1+	128
880-17204-26	C-26 2'	152 S1+	134 S1+
880-17204-27	C-27 2'	129	135 S1+
880-17204-28	C-28 2'	149 S1+	123
880-17204-29	C-29 2'	97	92
880-17204-30	C-30 2'	109	97
880-17204-31	C-31 2'	107	91
880-17204-32	C-32 2'	113	91
880-17204-33	C-33 2'	114	95
880-17204-34	C-34 2'	106	95
880-17204-35	C-35 2'	106	94
880-17204-36	C- 36 0-1.5'	99	91
880-17204-37	C-37 0-2'	106	96
880-17204-38	C-38 0-2'	95	93
880-17204-39	C-39 0-2'	103	98
880-17204-39 MS	C-39 0-2'	88	114
880-17204-39 MSD	C-39 0-2'	85	105
880-17204-40	C-40 0-2'	91	111
880-17204-41	C-41 0-2'	89	115
880-17204-42	C-42 0-2'	92	111
880-17204-43	C-43 0-2'	88	103
880-17204-44	C-44 0-1.5'	95	111
880-17204-45	C-45 2	92	115

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-17204-46	C-46 2	98	116
880-17204-47	C-47 2	91	114
880-17204-48	C-48 2	108	102
880-17204-49	C-49 2	81	113
880-17204-50	C-50 2	91	106
880-17204-51	C-51 2	91	124
880-17204-52	C-52 2	89	120
880-17204-53	C-53 2	93	101
880-17204-54	C-54 2	87	117
880-17204-55	C-55 2	97	113
880-17204-56	C-56 2	95	116
880-17204-57	C-57 2	90	113
880-17204-58	C-58 2	92	118
880-17204-59	C-59 2	110	94
880-17204-59 MS	C-59 2	107	98
880-17204-59 MSD	C-59 2	112	96
880-17204-60	C-60 2	115	96
880-17204-61	C-61 2'	113	89
880-17204-62	C-62 2'	112	97
880-17204-63	C-63 2'	103	86
880-17204-64	C-64 2'	116	93
880-17204-65	C-65 2'	112	92
880-17204-66	C-66 2'	109	93
880-17204-67	C-67 2'	111	93
880-17204-68	C-68 2'	113	93
880-17204-69	C-69 2'	111	97
880-17204-70	C-70 2'	117	90
880-17204-71	C-71 2'	115	99
880-17204-72	C-72 2'	104	89
880-17204-73	C-73 2'	113	93
880-17204-74	C-74 2'	110	93
880-17204-75	C-75 2'	116	96
880-17204-76	C-76 2'	110	92
880-17204-77	C-77 2'	107	95
880-17204-78	C-78 2'	108	90
880-17204-79	C-79 2'	86	108
880-17204-79 MS	C-79 2'	88	111
880-17204-79 MSD	C-79 2'	87	110
880-17204-80	C-80 2'	93	117
880-17204-81	C-81 2'	90	110
880-17204-82	C-82 2'	93	115
880-17204-83	C-83 2'	88	111
880-17204-84	C-84 2'	95	113
880-17204-85	C-85 2'	94	112
880-17204-86	C-86 2'	93	114
880-17204-87	C-87 2'	103	112
880-17204-88	C-88 2'	98	115
880-17204-89	C-89 2'	89	98
880-17204-90	C-90 2'	95	112
880-17204-91	C-91 2'	94	112

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-17204-92	C-92 2'	97	111
880-17204-93	C-93 2'	92	112
880-17204-94	C-94 2'	93	109
880-17204-95	C-95 2'	92	102
880-17204-96	C-96 2'	93	107
880-17204-97	C-97 2'	92	111
880-17204-98	C-98 2'	92	114
880-17204-99	C-99 2'	108	99
880-17204-99 MS	C-99 2'	110	94
880-17204-99 MSD	C-99 2'	107	93
880-17204-100	C-100 2'	101	92
880-17204-101	C-101 2'	108	97
880-17204-102	C-102 2'	110	101
880-17204-103	C-103 2'	103	94
880-17204-104	C-104 2'	108	96
880-17204-105	C-105 2'	102	96
880-17204-106	C-106 2'	107	99
880-17204-107	C-107 2'	115	96
880-17204-108	C-108 2'	116	93
880-17204-109	C-109 2'	109	96
880-17204-110	C-110 2'	106	94
880-17204-111	C-111 2'	107	94
880-17204-112	C-112 2'	107	99
880-17204-113	C-113 2'	103	95
880-17204-114	C-114 2'	106	95
880-17204-115	C-115 2'	102	96
880-17204-116	C-116 2'	102	98
880-17204-117	C-117 0-2'	103	98
880-17204-118	C-118 0-2'	105	101
880-17204-119	C-119 0-2'	96	100
880-17204-119 MS	C-119 0-2'	93	107
880-17204-119 MSD	C-119 0-2'	91	101
880-17204-120	C-120 0-2'	89	103
880-17204-121	C-121 0-2'	117	106
880-17204-122	C-122 0-2'	128	101
880-17204-123	C-123 2.5	102	106
880-17204-124	C-124 2.5	108	113
880-17204-125	C-125 2.5	100	99
880-17204-126	C-126 2.5	95	100
880-17204-127	C-127 2.5	93	105
880-17204-128	C-128 2.5	101	100
880-17204-129	C-129 2.5	91	98
880-17204-130	C-130 2.5	90	102
880-17204-131	C-131 2.5	92	102
880-17204-132	C-132 2.5	101	97
880-17204-133	C-133 2.5	112	98
880-17204-134	C-134 2.5	115	91
880-17204-135	C-135 2.5	95	101
880-17204-136	C-136 2.5	102	108
880-17204-137	C-137 2.5	97	96

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-17204-138	C-138 2.5	90	87
880-17204-139	C-139 2.5	105	97
880-17204-139 MS	C-139 2.5	101	102
880-17204-139 MSD	C-139 2.5	94	104
880-17204-140	C-140 1.5	87	98
880-17204-141	C-141 1.5	99	113
880-17204-142	C-142 1.5	98	97
880-17204-143	C-143 1.5	93	92
880-17204-144	C-144 1.5	95	96
880-17204-145	C-145 1.5	91	98
880-17204-146	C-146 1.5	94	100
880-17204-147	C-147 1.5	99	87
880-17204-148	C-148 1.5	98	101
880-17204-149	C-149 1.5	104	91
880-17204-150	C-150 1.5	89	103
880-17204-151	C-151 1.5	94	110
880-17204-152	C-152 1.5	91	103
880-17204-153	C-153 1.5	99	104
880-17204-154	C-154 1.5	98	96
880-17204-155	C-155 1.5	108	114
880-17204-156	C-156 1.5	106	99
880-17204-157	C-157 1.5	104	110
880-17204-158	C-158 1.5	102	98
880-17204-159	C-159 1.5	83	111
880-17204-159 MS	C-159 1.5	97	104
880-17204-159 MSD	C-159 1.5	108	111
880-17204-160	C-160 1.5	96	117
880-17204-161	C-161 1.5	93	115
880-17204-162	C-162 1.5	100	113
880-17204-163	C-163 1.5	98	114
880-17204-164	C-164 0-2.5	100	110
880-17204-165	C-165 0-2.5	96	111
880-17204-166	C-166 0-2.5'	92	106
880-17204-167	C-167 0-2.5'	87	111
880-17204-168	C-168 0-2.5'	97	112
880-17204-169	C-169 0-1.5'	96	106
880-17204-170	C-170 0-1.5'	93	107
880-17204-171	C-171 0-1.5'	92	110
880-17204-172	C-172 0-1.5'	90	111
880-17204-173	C-173 0-1.5'	94	109
880-17204-174	C-174 4'	99	114
880-17204-175	C-175 4'	97	110
880-17204-176	C-176 4'	109	109
880-17204-177	C-177 4'	98	113
880-17204-178	C-178 4'	98	110
880-17204-179	C-179 4'	110	99
880-17204-179 MS	C-179 4'	106	94
880-17204-179 MSD	C-179 4'	105	107
880-17204-180	C-180 4'	106	105
880-17204-181	C-181 4'	105	102

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-17204-182	C-182 4'	113	97
880-17204-183	C-183 4'	106	104
880-17204-184	C-184 4'	111	103
880-17204-185	C-185 4'	114	102
880-17204-186	C-186 4'	112	105
880-17204-187	C-187 4'	116	104
880-17204-188	C-188 4'	109	104
880-17204-189	C-189 4'	109	97
880-17204-190	C-190 4'	102	99
880-17204-191	C-191 4'	99	102
880-17204-192	C-192 4'	103	99
880-17204-193	C-193 4'	105	97
880-17204-194	C-194 4'	110	96
880-17204-195	C-195 4'	106	98
880-17204-196	C-196	100	97
880-17204-197	C-197	106	97
880-17204-198	C-198	111	97
880-17204-199	C-199	111	97
880-17204-199 MS	C-199	109	94
880-17204-199 MSD	C-199	112	95
880-17204-200	C-200	105	93
880-17204-201	C-201	108	98
880-17204-202	C-202	112	97
880-17204-203	C-203	108	95
880-17204-204	C-204	107	95
880-17204-205	C-205	102	94
880-17204-206	C-206	109	97
880-17204-207	C-207	114	96
880-17204-208	C-208	104	94
880-17204-209	C-209	109	95
880-17204-210	C-210	104	94
880-17204-211	C-211 4'	103	95
880-17204-212	C-212 4'	107	97
880-17204-213	C-213 4'	102	101
880-17204-214	C-214 4'	108	103
880-17204-215	C-215 4'	106	98
880-17204-216	C-216 4'	108	98
880-17204-217	C-217 4'	107	104
880-17204-218	C-218 4'	117	105
880-17204-219	C-219 4'	84	114
880-17204-219 MS	C-219 4'	84	114
880-17204-219 MSD	C-219 4'	79	113
880-17204-220	C-220 4'	98	125
880-17204-221	C-221 0-4'	90	121
880-17204-222	C-222 0-4'	96	118
880-17204-223	C-223 0-4'	92	118
880-17204-224	C-224 0-4'	99	115
880-17204-225	C-225 0-4'	100	110
880-17204-226	C-226 0-4'	99	115
880-17204-227	C-227 0-4'	95	115

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
880-17204-228	C-228 0-4'	100	116
880-17204-229	C-229 0-4'	109	100
880-17204-230	C-230 0-4'	87	118
LCS 880-30580/1-A	Lab Control Sample	82	107
LCS 880-30589/1-A	Lab Control Sample	123	101
LCS 880-30591/1-A	Lab Control Sample	127	140 S1+
LCS 880-30592/1-A	Lab Control Sample	95	106
LCS 880-30595/1-A	Lab Control Sample	106	96
LCS 880-30596/1-A	Lab Control Sample	85	108
LCS 880-30678/1-A	Lab Control Sample	87	113
LCS 880-30703/1-A	Lab Control Sample	101	90
LCS 880-30704/1-A	Lab Control Sample	91	109
LCS 880-30705/1-A	Lab Control Sample	106	111
LCS 880-30706/1-A	Lab Control Sample	84	115
LCS 880-30707/1-A	Lab Control Sample	101	97
LCS 880-30708/1-A	Lab Control Sample	106	104
LCS 880-30709/1-A	Lab Control Sample	110	99
LCS 880-30794/1-A	Lab Control Sample	110	96
LCS 880-30796/1-A	Lab Control Sample	96	104
LCS 880-30893/1-A	Lab Control Sample	102	97
LCS 880-30914/1-A	Lab Control Sample	83	112
LCS 880-30988/1-A	Lab Control Sample	98	101
LCS 880-31011/1-A	Lab Control Sample	104	97
LCS 880-31155/1-A	Lab Control Sample	100	99
LCS 880-31170/1-A	Lab Control Sample	103	100
LCS 880-31290/1-A	Lab Control Sample	98	98
LCSD 880-30580/2-A	Lab Control Sample Dup	103	98
LCSD 880-30589/2-A	Lab Control Sample Dup	131 S1+	113
LCSD 880-30591/2-A	Lab Control Sample Dup	108	128
LCSD 880-30592/2-A	Lab Control Sample Dup	78	108
LCSD 880-30595/2-A	Lab Control Sample Dup	106	94
LCSD 880-30596/2-A	Lab Control Sample Dup	84	108
LCSD 880-30678/2-A	Lab Control Sample Dup	85	110
LCSD 880-30703/2-A	Lab Control Sample Dup	97	94
LCSD 880-30704/2-A	Lab Control Sample Dup	87	115
LCSD 880-30705/2-A	Lab Control Sample Dup	93	98
LCSD 880-30706/2-A	Lab Control Sample Dup	84	113
LCSD 880-30707/2-A	Lab Control Sample Dup	100	98
LCSD 880-30708/2-A	Lab Control Sample Dup	106	96
LCSD 880-30709/2-A	Lab Control Sample Dup	104	95
LCSD 880-30794/2-A	Lab Control Sample Dup	108	100
LCSD 880-30796/2-A	Lab Control Sample Dup	103	105
LCSD 880-30893/2-A	Lab Control Sample Dup	102	99
LCSD 880-30914/2-A	Lab Control Sample Dup	83	113
LCSD 880-30988/2-A	Lab Control Sample Dup	129	79
LCSD 880-31011/2-A	Lab Control Sample Dup	104	99
LCSD 880-31155/2-A	Lab Control Sample Dup	98	96
LCSD 880-31170/2-A	Lab Control Sample Dup	96	94
LCSD 880-31290/2-A	Lab Control Sample Dup	114	101
MB 880-30293/5-A	Method Blank	92	87

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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 880-30580/5-A	Method Blank	88	103
MB 880-30589/5-A	Method Blank	107	62 S1-
MB 880-30591/5-A	Method Blank	102	82
MB 880-30592/5-A	Method Blank	82	104
MB 880-30595/5-A	Method Blank	107	89
MB 880-30596/5-A	Method Blank	83	107
MB 880-30665/5-A	Method Blank	95	100
MB 880-30668/5-A	Method Blank	83	107
MB 880-30669/5-A	Method Blank	91	63 S1-
MB 880-30678/5-A	Method Blank	82	103
MB 880-30687/5-A	Method Blank	95	101
MB 880-30703/5-A	Method Blank	93	96
MB 880-30704/5-A	Method Blank	65 S1-	92
MB 880-30705/5-A	Method Blank	70	95
MB 880-30706/5-A	Method Blank	84	108
MB 880-30707/5-A	Method Blank	95	100
MB 880-30708/5-A	Method Blank	95	95
MB 880-30709/5-A	Method Blank	101	84
MB 880-30794/5-A	Method Blank	101	85
MB 880-30796/5-A	Method Blank	95	101
MB 880-30893/5-A	Method Blank	98	90
MB 880-30914/5-A	Method Blank	88	107
MB 880-30988/5-A	Method Blank	95	101
MB 880-31011/5-A	Method Blank	96	101
MB 880-31025/5-A	Method Blank	84	107
MB 880-31099/5-A	Method Blank	84	105
MB 880-31155/5-A	Method Blank	98	89
MB 880-31170/5-A	Method Blank	99	83
MB 880-31290/5-A	Method Blank	104	88

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)
880-17204-1	C-1 1.5'	75	87
880-17204-1 MS	C-1 1.5'	75	79
880-17204-1 MSD	C-1 1.5'	76	79
880-17204-2	C-2 1.5'	76	86
880-17204-3	C-3 1.5'	79	90
880-17204-4	C-4 1.5'	88	101
880-17204-5	C-5 1.5'	90	97
880-17204-6	C-6 1.5'	81	96
880-17204-7	C-7 1.5'	85	96
880-17204-8	C-8 1.5'	102	113
880-17204-9	C-9 1.5'	76	85

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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)								
880-17204-10	C-10 1.5'	87	96								
880-17204-11	C-11 1.5'	81	92								
880-17204-12	C-12 1.5'	100	120								
880-17204-13	C-13 2'	89	102								
880-17204-14	C-14 2'	85	95								
880-17204-15	C-15 2'	97	101								
880-17204-16	C-16 1'	89	103								
880-17204-17	C-17 1'	78	90								
880-17204-18	C-18 1'	82	87								
880-17204-19	C-19 1'	98	106								
880-17204-20	C-20 2'	87	89								
880-17204-21	C-21 2'	83	83								
880-17204-21 MS	C-21 2'	83	87								
880-17204-21 MSD	C-21 2'	75	76								
880-17204-22	C-22 2'	91	94								
880-17204-23	C-23 2'	77	78								
880-17204-24	C-24 2'	99	99								
880-17204-25	C-25 2'	89	90								
880-17204-26	C-26 2'	83	85								
880-17204-27	C-27 2'	109	115								
880-17204-28	C-28 2'	101	105								
880-17204-29	C-29 2'	93	97								
880-17204-30	C-30 2'	92	95								
880-17204-31	C-31 2'	108	111								
880-17204-32	C-32 2'	107	112								
880-17204-33	C-33 2'	101	103								
880-17204-34	C-34 2'	97	101								
880-17204-35	C-35 2'	98	101								
880-17204-36	C- 36 0-1.5'	83	84								
880-17204-37	C-37 0-2'	101	102								
880-17204-38	C-38 0-2'	78	79								
880-17204-39	C-39 0-2'	86	87								
880-17204-40	C-40 0-2'	97	98								
880-17204-41	C-41 0-2'	84	89								
880-17204-41 MS	C-41 0-2'	68 S1-	67 S1-								
880-17204-41 MSD	C-41 0-2'	70	71								
880-17204-42	C-42 0-2'	84	89								
880-17204-43	C-43 0-2'	102	107								
880-17204-44	C-44 0-1.5'	123	131 S1+								
880-17204-45	C-45 2	86	93								
880-17204-46	C-46 2	105	112								
880-17204-47	C-47 2	95	103								
880-17204-48	C-48 2	114	118								
880-17204-49	C-49 2	101	109								
880-17204-50	C-50 2	90	97								
880-17204-51	C-51 2	93	101								
880-17204-52	C-52 2	109	115								
880-17204-53	C-53 2	100	109								
880-17204-54	C-54 2	97	101								
880-17204-55	C-55 2	107	113								

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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)
880-17204-56	C-56 2	89	96
880-17204-57	C-57 2	120	129
880-17204-58	C-58 2	105	110
880-17204-59	C-59 2	88	96
880-17204-60	C-60 2	104	113
880-17204-61	C-61 2'	77	86
880-17204-61 MS	C-61 2'	84	82
880-17204-61 MSD	C-61 2'	74	72
880-17204-62	C-62 2'	71	76
880-17204-63	C-63 2'	68 S1-	72
880-17204-64	C-64 2'	81	91
880-17204-65	C-65 2'	63 S1-	65 S1-
880-17204-66	C-66 2'	89	94
880-17204-67	C-67 2'	71	77
880-17204-68	C-68 2'	85	87
880-17204-69	C-69 2'	78	84
880-17204-70	C-70 2'	82	85
880-17204-71	C-71 2'	84	91
880-17204-72	C-72 2'	84	91
880-17204-73	C-73 2'	62 S1-	64 S1-
880-17204-74	C-74 2'	66 S1-	70
880-17204-75	C-75 2'	65 S1-	66 S1-
880-17204-76	C-76 2'	84	88
880-17204-77	C-77 2'	64 S1-	68 S1-
880-17204-78	C-78 2'	75	83
880-17204-79	C-79 2'	53 S1-	55 S1-
880-17204-80	C-80 2'	52 S1-	52 S1-
880-17204-81	C-81 2'	53 S1-	52 S1-
880-17204-81 MS	C-81 2'	60 S1-	57 S1-
880-17204-81 MSD	C-81 2'	57 S1-	53 S1-
880-17204-82	C-82 2'	59 S1-	60 S1-
880-17204-83	C-83 2'	57 S1-	58 S1-
880-17204-84	C-84 2'	58 S1-	58 S1-
880-17204-85	C-85 2'	62 S1-	63 S1-
880-17204-86	C-86 2'	71	75
880-17204-87	C-87 2'	67 S1-	73
880-17204-88	C-88 2'	69 S1-	77
880-17204-89	C-89 2'	77	86
880-17204-90	C-90 2'	80	87
880-17204-91	C-91 2'	82	91
880-17204-92	C-92 2'	83	96
880-17204-93	C-93 2'	92	100
880-17204-94	C-94 2'	105	116
880-17204-95	C-95 2'	95	109
880-17204-96	C-96 2'	84	94
880-17204-97	C-97 2'	93	101
880-17204-98	C-98 2'	84	95
880-17204-99	C-99 2'	87	95
880-17204-100	C-100 2'	94	107
880-17204-101	C-101 2'	126	141 S1+

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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)								
880-17204-101 MS	C-101 2'	93	98								
880-17204-101 MSD	C-101 2'	107	106								
880-17204-102	C-102 2'	106	117								
880-17204-103	C-103 2'	112	124								
880-17204-104	C-104 2'	112	124								
880-17204-105	C-105 2'	127	138 S1+								
880-17204-106	C-106 2'	92	104								
880-17204-107	C-107 2'	134 S1+	151 S1+								
880-17204-108	C-108 2'	110	121								
880-17204-109	C-109 2'	110	120								
880-17204-110	C-110 2'	97	107								
880-17204-111	C-111 2'	117	127								
880-17204-112	C-112 2'	114	124								
880-17204-113	C-113 2'	104	119								
880-17204-114	C-114 2'	104	115								
880-17204-115	C-115 2'	121	132 S1+								
880-17204-116	C-116 2'	94	106								
880-17204-117	C-117 0-2'	112	122								
880-17204-118	C-118 0-2'	84	283 S1+								
880-17204-119	C-119 0-2'	89	105								
880-17204-120	C-120 0-2'	100	111								
880-17204-121	C-121 0-2'	92	99								
880-17204-121 MS	C-121 0-2'	69 S1-	76								
880-17204-121 MSD	C-121 0-2'	96	91								
880-17204-122	C-122 0-2'	97	104								
880-17204-123	C-123 2.5	103	119								
880-17204-124	C-124 2.5	106	119								
880-17204-125	C-125 2.5	87	99								
880-17204-126	C-126 2.5	103	141 S1+								
880-17204-127	C-127 2.5	103	115								
880-17204-128	C-128 2.5	90	102								
880-17204-129	C-129 2.5	87	98								
880-17204-130	C-130 2.5	88	101								
880-17204-131	C-131 2.5	98	115								
880-17204-132	C-132 2.5	84	93								
880-17204-133	C-133 2.5	87	98								
880-17204-134	C-134 2.5	98	110								
880-17204-135	C-135 2.5	109	117								
880-17204-136	C-136 2.5	102	113								
880-17204-137	C-137 2.5	108	141 S1+								
880-17204-138	C-138 2.5	84	220 S1+								
880-17204-139	C-139 2.5	108	117								
880-17204-140	C-140 1.5	101	111								
880-17204-141	C-141 1.5	100	91								
880-17204-141 MS	C-141 1.5	71	54 S1-								
880-17204-141 MSD	C-141 1.5	62 S1-	50 S1-								
880-17204-142	C-142 1.5	88	84								
880-17204-143	C-143 1.5	76	79								
880-17204-144	C-144 1.5	88	83								
880-17204-145	C-145 1.5	71	70								

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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)
880-17204-146	C-146 1.5	93	84
880-17204-147	C-147 1.5	90	100
880-17204-148	C-148 1.5	89	86
880-17204-149	C-149 1.5	103	100
880-17204-150	C-150 1.5	77	82
880-17204-151	C-151 1.5	112	106
880-17204-152	C-152 1.5	93	93
880-17204-153	C-153 1.5	71	76
880-17204-154	C-154 1.5	75	67 S1-
880-17204-155	C-155 1.5	64 S1-	64 S1-
880-17204-156	C-156 1.5	81	89
880-17204-157	C-157 1.5	94	90
880-17204-158	C-158 1.5	73	70
880-17204-159	C-159 1.5	91	88
880-17204-160	C-160 1.5	92	88
880-17204-161	C-161 1.5	119	172 S1+
880-17204-162	C-162 1.5	88	81
880-17204-163	C-163 1.5	91	99
880-17204-164	C-164 0-2.5	95	97
880-17204-165	C-165 0-2.5	101	117
880-17204-166	C-166 0-2.5'	60 S1-	56 S1-
880-17204-167	C-167 0-2.5'	105	120
880-17204-167 MS	C-167 0-2.5'	100	99
880-17204-167 MSD	C-167 0-2.5'	100	100
880-17204-168	C-168 0-2.5'	93	103
880-17204-169	C-169 0-1.5'	79	78
880-17204-170	C-170 0-1.5'	102	129
880-17204-171	C-171 0-1.5'	108	109
880-17204-172	C-172 0-1.5'	77	71
880-17204-173	C-173 0-1.5'	79	77
880-17204-174	C-174 4'	91	101
880-17204-175	C-175 4'	105	112
880-17204-176	C-176 4'	99	110
880-17204-177	C-177 4'	36 S1-	32 S1-
880-17204-178	C-178 4'	7 S1-	0.4 S1-
880-17204-179	C-179 4'	4 S1-	0.3 S1-
880-17204-180	C-180 4'	5 S1-	0.3 S1-
880-17204-181	C-181 4'	119	126
880-17204-181 MS	C-181 4'	94	92
880-17204-181 MSD	C-181 4'	95	93
880-17204-182	C-182 4'	109	117
880-17204-183	C-183 4'	111	119
880-17204-184	C-184 4'	100	112
880-17204-185	C-185 4'	92	102
880-17204-186	C-186 4'	95	108
880-17204-187	C-187 4'	112	119
880-17204-188	C-188 4'	103	116
880-17204-189	C-189 4'	116	124
880-17204-190	C-190 4'	104	113
880-17204-191	C-191 4'	100	112

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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)
880-17204-192	C-192 4'	124	132 S1+
880-17204-193	C-193 4'	95	105
880-17204-194	C-194 4'	102	111
880-17204-195	C-195 4'	101	110
880-17204-196	C-196	111	124
880-17204-197	C-197	93	101
880-17204-198	C-198	2 S1-	0.2 S1-
880-17204-199	C-199	2 S1-	0.3 S1-
880-17204-200	C-200	59 S1-	61 S1-
880-17204-201	C-201	119	130
880-17204-201 MS	C-201	97	92
880-17204-201 MSD	C-201	98	93
880-17204-202	C-202	107	114
880-17204-203	C-203	100	108
880-17204-204	C-204	115	120
880-17204-205	C-205	110	114
880-17204-206	C-206	98	105
880-17204-207	C-207	124	132 S1+
880-17204-208	C-208	122	125
880-17204-209	C-209	125	134 S1+
880-17204-210	C-210	109	114
880-17204-211	C-211 4'	99	109
880-17204-212	C-212 4'	98	107
880-17204-213	C-213 4'	114	123
880-17204-214	C-214 4'	100	112
880-17204-215	C-215 4'	130	133 S1+
880-17204-216	C-216 4'	99	108
880-17204-217	C-217 4'	113	118
880-17204-218	C-218 4'	92	101
880-17204-219	C-219 4'	101	111
880-17204-220	C-220 4'	99	112
880-17204-221	C-221 0-4'	74	79
880-17204-222	C-222 0-4'	83	88
880-17204-223	C-223 0-4'	94	95
880-17204-224	C-224 0-4'	60 S1-	60 S1-
880-17204-225	C-225 0-4'	55 S1-	52 S1-
880-17204-226	C-226 0-4'	87	87
880-17204-227	C-227 0-4'	77	85
880-17204-228	C-228 0-4'	81	83
880-17204-229	C-229 0-4'	94	96
880-17204-230	C-230 0-4'	90	99
LCS 880-30690/2-A	Lab Control Sample	83	91
LCS 880-30691/2-A	Lab Control Sample	122	136 S1+
LCS 880-30710/2-A	Lab Control Sample	106	108
LCS 880-30711/2-A	Lab Control Sample	92	97
LCS 880-30714/2-A	Lab Control Sample	91	97
LCS 880-30715/2-A	Lab Control Sample	113	115
LCS 880-30736/2-A	Lab Control Sample	96	119
LCS 880-30806/2-A	Lab Control Sample	115	113
LCS 880-30807/2-A	Lab Control Sample	98	105

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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)								
LCS 880-30836/2-A	Lab Control Sample	104	126								
LCS 880-30837/2-A	Lab Control Sample	99	118								
LCS 880-30915/2-A	Lab Control Sample	104	104								
LCS 880-30925/2-A	Lab Control Sample	104	106								
LCSD 880-30690/3-A	Lab Control Sample Dup	86	96								
LCSD 880-30691/3-A	Lab Control Sample Dup	108	121								
LCSD 880-30710/3-A	Lab Control Sample Dup	99	99								
LCSD 880-30711/3-A	Lab Control Sample Dup	96	103								
LCSD 880-30714/3-A	Lab Control Sample Dup	95	102								
LCSD 880-30715/3-A	Lab Control Sample Dup	112	116								
LCSD 880-30736/3-A	Lab Control Sample Dup	109	133 S1+								
LCSD 880-30806/3-A	Lab Control Sample Dup	119	119								
LCSD 880-30807/3-A	Lab Control Sample Dup	93	99								
LCSD 880-30836/3-A	Lab Control Sample Dup	92	113								
LCSD 880-30837/3-A	Lab Control Sample Dup	110	132 S1+								
LCSD 880-30915/3-A	Lab Control Sample Dup	99	101								
LCSD 880-30925/3-A	Lab Control Sample Dup	102	104								
MB 880-30690/1-A	Method Blank	89	106								
MB 880-30691/1-A	Method Blank	104	115								
MB 880-30710/1-A	Method Blank	89	93								
MB 880-30711/1-A	Method Blank	83	99								
MB 880-30714/1-A	Method Blank	83	101								
MB 880-30715/1-A	Method Blank	96	110								
MB 880-30736/1-A	Method Blank	98	114								
MB 880-30806/1-A	Method Blank	117	133 S1+								
MB 880-30807/1-A	Method Blank	119	139 S1+								
MB 880-30836/1-A	Method Blank	115	132 S1+								
MB 880-30837/1-A	Method Blank	100	116								
MB 880-30915/1-A	Method Blank	105	127								
MB 880-30925/1-A	Method Blank	100	117								

Surrogate Legend

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

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-30293/5-A
Matrix: Solid
Analysis Batch: 30500

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30293

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/21/22 15:48	07/26/22 13:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/21/22 15:48	07/26/22 13:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/21/22 15:48	07/26/22 13:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/21/22 15:48	07/26/22 13:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/21/22 15:48	07/26/22 13:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/21/22 15:48	07/26/22 13:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*07/21/22 15:48*	*07/26/22 13:21*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*07/21/22 15:48*	*07/26/22 13:21*	*1*

Lab Sample ID: MB 880-30580/5-A
Matrix: Solid
Analysis Batch: 30856

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30580

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 11:49	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 11:49	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 11:49	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 11:33	07/28/22 11:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 11:33	07/28/22 11:49	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 11:33	07/28/22 11:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*07/25/22 11:33*	*07/28/22 11:49*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/25/22 11:33*	*07/28/22 11:49*	*1*

Lab Sample ID: LCS 880-30580/1-A
Matrix: Solid
Analysis Batch: 30856

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30580

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1131		mg/Kg		113	70 - 130		
Toluene			0.100	0.09452		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.08802		mg/Kg		88	70 - 130		
m,p-Xylenes			0.200	0.1712		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.08541		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-30580/2-A
Matrix: Solid
Analysis Batch: 30856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30580

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09197		mg/Kg		92	70 - 130	21	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30580/2-A
Matrix: Solid
Analysis Batch: 30856

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30580

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1090		mg/Kg		109	70 - 130	14	35
Ethylbenzene			0.100	0.1151		mg/Kg		115	70 - 130	27	35
m,p-Xylenes			0.200	0.2375		mg/Kg		119	70 - 130	32	35
o-Xylene			0.100	0.1166		mg/Kg		117	70 - 130	31	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 880-30589/5-A
Matrix: Solid
Analysis Batch: 30859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30589

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.000400	U	0.000400		mg/Kg		07/25/22 12:06	07/29/22 02:31	1
Toluene	<0.000400	U	0.000400		mg/Kg		07/25/22 12:06	07/29/22 02:31	1
Ethylbenzene	<0.000400	U	0.000400		mg/Kg		07/25/22 12:06	07/29/22 02:31	1
m,p-Xylenes	<0.000800	U	0.000800		mg/Kg		07/25/22 12:06	07/29/22 02:31	1
o-Xylene	<0.000400	U	0.000400		mg/Kg		07/25/22 12:06	07/29/22 02:31	1
Xylenes, Total	<0.000800	U	0.000800		mg/Kg		07/25/22 12:06	07/29/22 02:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/25/22 12:06*	*07/29/22 02:31*	*1*
1,4-Difluorobenzene (Surr)	*62*	*S1-*	*70 - 130*	*07/25/22 12:06*	*07/29/22 02:31*	*1*

Lab Sample ID: LCS 880-30589/1-A
Matrix: Solid
Analysis Batch: 30859

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30589

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1106		mg/Kg		111	70 - 130		
Toluene			0.100	0.1060		mg/Kg		106	70 - 130		
Ethylbenzene			0.100	0.1050		mg/Kg		105	70 - 130		
m,p-Xylenes			0.200	0.2101		mg/Kg		105	70 - 130		
o-Xylene			0.100	0.1245		mg/Kg		125	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-30589/2-A
Matrix: Solid
Analysis Batch: 30859

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30589

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1160		mg/Kg		116	70 - 130	5	35
Toluene			0.100	0.1083		mg/Kg		108	70 - 130	2	35
Ethylbenzene			0.100	0.1026		mg/Kg		103	70 - 130	2	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30589/2-A
Matrix: Solid
Analysis Batch: 30859

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30589

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes			0.200	0.2112		mg/Kg		106	70 - 130	1	35
o-Xylene			0.100	0.1264		mg/Kg		126	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: MB 880-30591/5-A
Matrix: Solid
Analysis Batch: 30500

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30591

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 02:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 02:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 02:57	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 12:34	07/27/22 02:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:34	07/27/22 02:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 12:34	07/27/22 02:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*07/25/22 12:34*	*07/27/22 02:57*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*07/25/22 12:34*	*07/27/22 02:57*	*1*

Lab Sample ID: LCS 880-30591/1-A
Matrix: Solid
Analysis Batch: 30500

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30591

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			0.100	0.1066		mg/Kg		107	70 - 130
Toluene			0.100	0.09823		mg/Kg		98	70 - 130
Ethylbenzene			0.100	0.1036		mg/Kg		104	70 - 130
m,p-Xylenes			0.200	0.2099		mg/Kg		105	70 - 130
o-Xylene			0.100	0.1179		mg/Kg		118	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*
1,4-Difluorobenzene (Surr)	*140*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-30591/2-A
Matrix: Solid
Analysis Batch: 30500

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30591

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08030		mg/Kg		80	70 - 130	28	35
Toluene			0.100	0.08234		mg/Kg		82	70 - 130	18	35
Ethylbenzene			0.100	0.08809		mg/Kg		88	70 - 130	16	35
m,p-Xylenes			0.200	0.1789		mg/Kg		89	70 - 130	16	35
o-Xylene			0.100	0.09847		mg/Kg		98	70 - 130	18	35

Eurofins Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	128		70 - 130

Lab Sample ID: 880-17204-19 MS — **Client Sample ID: C-19 1'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30500 — **Prep Batch: 30591**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00202	U F1 F2	0.101	0.09379		mg/Kg		93	70 - 130
Toluene	<0.00202	U F1 F2	0.101	0.09699		mg/Kg		96	70 - 130
Ethylbenzene	<0.00202	U F1 F2	0.101	0.09498		mg/Kg		94	70 - 130
m,p-Xylenes	<0.00404	U F1 F2	0.202	0.1912		mg/Kg		95	70 - 130
o-Xylene	<0.00202	U F1 F2	0.101	0.1043		mg/Kg		103	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	138	S1+	70 - 130
1,4-Difluorobenzene (Surr)	118		70 - 130

Lab Sample ID: 880-17204-19 MSD — **Client Sample ID: C-19 1'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30500 — **Prep Batch: 30591**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1 F2	0.100	0.04154	F1 F2	mg/Kg		41	70 - 130	77	35
Toluene	<0.00202	U F1 F2	0.100	0.04117	F1 F2	mg/Kg		41	70 - 130	81	35
Ethylbenzene	<0.00202	U F1 F2	0.100	0.04509	F1 F2	mg/Kg		45	70 - 130	71	35
m,p-Xylenes	<0.00404	U F1 F2	0.200	0.09150	F1 F2	mg/Kg		46	70 - 130	71	35
o-Xylene	<0.00202	U F1 F2	0.100	0.05276	F1 F2	mg/Kg		53	70 - 130	66	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	119		70 - 130
1,4-Difluorobenzene (Surr)	125		70 - 130

Lab Sample ID: MB 880-30592/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31047 — **Prep Batch: 30592**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 13:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 13:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 13:04	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 12:44	07/30/22 13:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 12:44	07/30/22 13:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 12:44	07/30/22 13:04	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	82		70 - 130	07/25/22 12:44	07/30/22 13:04	1
1,4-Difluorobenzene (Surr)	104		70 - 130	07/25/22 12:44	07/30/22 13:04	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCS 880-30592/1-A
Matrix: Solid
Analysis Batch: 31047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30592

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09249		mg/Kg		92	70 - 130		
Toluene			0.100	0.09862		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.1065		mg/Kg		107	70 - 130		
m,p-Xylenes			0.200	0.2195		mg/Kg		110	70 - 130		
o-Xylene			0.100	0.1078		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-30592/2-A
Matrix: Solid
Analysis Batch: 31047

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30592

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1099		mg/Kg		110	70 - 130	17	35
Toluene			0.100	0.09002		mg/Kg		90	70 - 130	9	35
Ethylbenzene			0.100	0.08761		mg/Kg		88	70 - 130	19	35
m,p-Xylenes			0.200	0.1694		mg/Kg		85	70 - 130	26	35
o-Xylene			0.100	0.08298		mg/Kg		83	70 - 130	26	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-17204-39 MS
Matrix: Solid
Analysis Batch: 31047

Client Sample ID: C-39 0-2'
Prep Type: Total/NA
Prep Batch: 30592

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U F1	0.101	0.07094		mg/Kg		70	70 - 130		
Toluene	<0.00199	U F1	0.101	0.05925	F1	mg/Kg		59	70 - 130		
Ethylbenzene	<0.00199	U F1	0.101	0.05026	F1	mg/Kg		50	70 - 130		
m,p-Xylenes	<0.00398	U F1	0.202	0.09687	F1	mg/Kg		48	70 - 130		
o-Xylene	<0.00199	U F1	0.101	0.04870	F1	mg/Kg		48	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*

Lab Sample ID: 880-17204-39 MSD
Matrix: Solid
Analysis Batch: 31047

Client Sample ID: C-39 0-2'
Prep Type: Total/NA
Prep Batch: 30592

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00199	U F1	0.100	0.06609	F1	mg/Kg		66	70 - 130	7	35
Toluene	<0.00199	U F1	0.100	0.05941	F1	mg/Kg		59	70 - 130	0	35
Ethylbenzene	<0.00199	U F1	0.100	0.05131	F1	mg/Kg		51	70 - 130	2	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: 880-17204-39 MSD
Matrix: Solid
Analysis Batch: 31047

Client Sample ID: C-39 0-2'
Prep Type: Total/NA
Prep Batch: 30592

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 F1	0.200	0.09920	F1	mg/Kg		50	70 - 130	2	35
o-Xylene	<0.00199	U F1	0.100	0.04985	F1	mg/Kg		50	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-30595/5-A
Matrix: Solid
Analysis Batch: 31046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30595

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 11:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 11:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 11:57	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 14:01	07/30/22 11:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:01	07/30/22 11:57	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 14:01	07/30/22 11:57	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*07/25/22 14:01*	*07/30/22 11:57*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*07/25/22 14:01*	*07/30/22 11:57*	*1*

Lab Sample ID: LCS 880-30595/1-A
Matrix: Solid
Analysis Batch: 31046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30595

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1025		mg/Kg		102	70 - 130		
Toluene			0.100	0.09898		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.1006		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.2044		mg/Kg		102	70 - 130		
o-Xylene			0.100	0.1121		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-30595/2-A
Matrix: Solid
Analysis Batch: 31046

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30595

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07867		mg/Kg		79	70 - 130	26	35
Toluene			0.100	0.07898		mg/Kg		79	70 - 130	22	35
Ethylbenzene			0.100	0.08323		mg/Kg		83	70 - 130	19	35
m,p-Xylenes			0.200	0.1677		mg/Kg		84	70 - 130	20	35
o-Xylene			0.100	0.09500		mg/Kg		95	70 - 130	17	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

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

Lab Sample ID: 880-17204-59 MS — **Client Sample ID: C-59 2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31046 — **Prep Batch: 30595**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00199	U	0.101	0.09757		mg/Kg		97	70 - 130
Toluene	<0.00199	U	0.101	0.08978		mg/Kg		89	70 - 130
Ethylbenzene	<0.00199	U F1	0.101	0.08250		mg/Kg		82	70 - 130
m,p-Xylenes	<0.00398	U	0.201	0.1653		mg/Kg		82	70 - 130
o-Xylene	<0.00199	U	0.101	0.09244		mg/Kg		92	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	107		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

Lab Sample ID: 880-17204-59 MSD — **Client Sample ID: C-59 2**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31046 — **Prep Batch: 30595**

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	0.07537		mg/Kg		75	70 - 130	26	35
Toluene	<0.00199	U	0.100	0.07426		mg/Kg		74	70 - 130	19	35
Ethylbenzene	<0.00199	U F1	0.100	0.06954	F1	mg/Kg		69	70 - 130	17	35
m,p-Xylenes	<0.00398	U	0.200	0.1414		mg/Kg		71	70 - 130	16	35
o-Xylene	<0.00199	U	0.100	0.08394		mg/Kg		84	70 - 130	10	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-30596/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30958 — **Prep Batch: 30596**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/29/22 23:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/29/22 23:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/29/22 23:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/25/22 14:08	07/29/22 23:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/25/22 14:08	07/29/22 23:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/25/22 14:08	07/29/22 23:50	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	83		70 - 130	07/25/22 14:08	07/29/22 23:50	1
1,4-Difluorobenzene (Surr)	107		70 - 130	07/25/22 14:08	07/29/22 23:50	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCS 880-30596/1-A
Matrix: Solid
Analysis Batch: 30958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30596

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1121		mg/Kg		112	70 - 130		
Toluene			0.100	0.09289		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.08843		mg/Kg		88	70 - 130		
m,p-Xylenes			0.200	0.1717		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.08588		mg/Kg		86	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-30596/2-A
Matrix: Solid
Analysis Batch: 30958

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30596

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1128		mg/Kg		113	70 - 130	1	35
Toluene			0.100	0.09219		mg/Kg		92	70 - 130	1	35
Ethylbenzene			0.100	0.08800		mg/Kg		88	70 - 130	0	35
m,p-Xylenes			0.200	0.1710		mg/Kg		86	70 - 130	0	35
o-Xylene			0.100	0.08542		mg/Kg		85	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*

Lab Sample ID: 880-17204-79 MS
Matrix: Solid
Analysis Batch: 30958

Client Sample ID: C-79 2'
Prep Type: Total/NA
Prep Batch: 30596

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.101	0.08338		mg/Kg		83	70 - 130		
Toluene	<0.00201	U F1	0.101	0.06979	F1	mg/Kg		69	70 - 130		
Ethylbenzene	<0.00201	U F1	0.101	0.06158	F1	mg/Kg		61	70 - 130		
m,p-Xylenes	<0.00402	U F1	0.201	0.1186	F1	mg/Kg		59	70 - 130		
o-Xylene	<0.00201	U F1	0.101	0.05883	F1	mg/Kg		58	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: 880-17204-79 MSD
Matrix: Solid
Analysis Batch: 30958

Client Sample ID: C-79 2'
Prep Type: Total/NA
Prep Batch: 30596

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.07729		mg/Kg		78	70 - 130	8	35
Toluene	<0.00201	U F1	0.0996	0.06509	F1	mg/Kg		65	70 - 130	7	35
Ethylbenzene	<0.00201	U F1	0.0996	0.05692	F1	mg/Kg		57	70 - 130	8	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: 880-17204-79 MSD
Matrix: Solid
Analysis Batch: 30958

Client Sample ID: C-79 2'
Prep Type: Total/NA
Prep Batch: 30596

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m,p-Xylenes	<0.00402	U F1	0.199	0.1123	F1	mg/Kg		56	70 - 130	5	35
o-Xylene	<0.00201	U F1	0.0996	0.05525	F1	mg/Kg		55	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*

Lab Sample ID: MB 880-30665/5-A
Matrix: Solid
Analysis Batch: 30748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30665

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:29	07/27/22 11:24	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:29	07/27/22 11:24	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:29	07/27/22 11:24	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 10:29	07/27/22 11:24	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:29	07/27/22 11:24	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 10:29	07/27/22 11:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 10:29*	*07/27/22 11:24*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*07/26/22 10:29*	*07/27/22 11:24*	*1*

Lab Sample ID: MB 880-30668/5-A
Matrix: Solid
Analysis Batch: 30958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30668

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:46	07/29/22 12:42	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:46	07/29/22 12:42	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:46	07/29/22 12:42	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 10:46	07/29/22 12:42	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:46	07/29/22 12:42	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 10:46	07/29/22 12:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*07/26/22 10:46*	*07/29/22 12:42*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*07/26/22 10:46*	*07/29/22 12:42*	*1*

Lab Sample ID: MB 880-30669/5-A
Matrix: Solid
Analysis Batch: 30859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30669

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:50	07/28/22 12:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:50	07/28/22 12:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:50	07/28/22 12:54	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 10:50	07/28/22 12:54	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: MB 880-30669/5-A
Matrix: Solid
Analysis Batch: 30859

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30669

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 10:50	07/28/22 12:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 10:50	07/28/22 12:54	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*	*07/26/22 10:50*	*07/28/22 12:54*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*07/26/22 10:50*	*07/28/22 12:54*	*1*

Lab Sample ID: MB 880-30678/5-A
Matrix: Solid
Analysis Batch: 31047

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30678

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 11:03	07/31/22 02:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 11:03	07/31/22 02:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 11:03	07/31/22 02:22	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 11:03	07/31/22 02:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 11:03	07/31/22 02:22	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 11:03	07/31/22 02:22	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*07/26/22 11:03*	*07/31/22 02:22*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*07/26/22 11:03*	*07/31/22 02:22*	*1*

Lab Sample ID: LCS 880-30678/1-A
Matrix: Solid
Analysis Batch: 31047

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30678

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1180		mg/Kg		118	70 - 130		
Toluene			0.100	0.1010		mg/Kg		101	70 - 130		
Ethylbenzene			0.100	0.09856		mg/Kg		99	70 - 130		
m,p-Xylenes			0.200	0.1884		mg/Kg		94	70 - 130		
o-Xylene			0.100	0.09440		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-30678/2-A
Matrix: Solid
Analysis Batch: 31047

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30678

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1046		mg/Kg		105	70 - 130	12	35
Toluene			0.100	0.09073		mg/Kg		91	70 - 130	11	35
Ethylbenzene			0.100	0.08968		mg/Kg		90	70 - 130	9	35
m,p-Xylenes			0.200	0.1727		mg/Kg		86	70 - 130	9	35
o-Xylene			0.100	0.08643		mg/Kg		86	70 - 130	9	35

Eurofins Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	85		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: MB 880-30687/5-A
Matrix: Solid
Analysis Batch: 31048

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30687

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 11:38	07/30/22 13:28	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 11:38	07/30/22 13:28	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 11:38	07/30/22 13:28	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 11:38	07/30/22 13:28	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 11:38	07/30/22 13:28	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 11:38	07/30/22 13:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	07/26/22 11:38	07/30/22 13:28	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/26/22 11:38	07/30/22 13:28	1

Lab Sample ID: MB 880-30703/5-A
Matrix: Solid
Analysis Batch: 31048

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30703

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 01:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 01:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 01:06	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 13:48	07/31/22 01:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:48	07/31/22 01:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 13:48	07/31/22 01:06	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		70 - 130	07/26/22 13:48	07/31/22 01:06	1
1,4-Difluorobenzene (Surr)	96		70 - 130	07/26/22 13:48	07/31/22 01:06	1

Lab Sample ID: LCS 880-30703/1-A
Matrix: Solid
Analysis Batch: 31048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30703

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07529		mg/Kg		75	70 - 130		
Toluene			0.100	0.09547		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.08300		mg/Kg		83	70 - 130		
m,p-Xylenes			0.200	0.1680		mg/Kg		84	70 - 130		
o-Xylene			0.100	0.09893		mg/Kg		99	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	90		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30703/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31048 — **Prep Batch: 30703**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07473		mg/Kg		75	70 - 130	1	35
Toluene			0.100	0.09089		mg/Kg		91	70 - 130	5	35
Ethylbenzene			0.100	0.07880		mg/Kg		79	70 - 130	5	35
m,p-Xylenes			0.200	0.1596		mg/Kg		80	70 - 130	5	35
o-Xylene			0.100	0.09473		mg/Kg		95	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-17204-99 MS — **Client Sample ID: C-99 2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31048 — **Prep Batch: 30703**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F1	0.100	0.05327	F1	mg/Kg		53	70 - 130
Toluene	<0.00201	U F1	0.100	0.06370	F1	mg/Kg		64	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.05143	F1	mg/Kg		51	70 - 130
m,p-Xylenes	<0.00402	U F1	0.200	0.1050	F1	mg/Kg		52	70 - 130
o-Xylene	<0.00201	U F1	0.100	0.06058	F1	mg/Kg		60	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-17204-99 MSD — **Client Sample ID: C-99 2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31048 — **Prep Batch: 30703**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F1	0.0996	0.05952	F1	mg/Kg		60	70 - 130	11	35
Toluene	<0.00201	U F1	0.0996	0.06786	F1	mg/Kg		68	70 - 130	6	35
Ethylbenzene	<0.00201	U F1	0.0996	0.05352	F1	mg/Kg		53	70 - 130	4	35
m,p-Xylenes	<0.00402	U F1	0.199	0.1059	F1	mg/Kg		52	70 - 130	1	35
o-Xylene	<0.00201	U F1	0.0996	0.05896	F1	mg/Kg		59	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: MB 880-30704/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31092 — **Prep Batch: 30704**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 13:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 13:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 13:01	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: MB 880-30704/5-A
Matrix: Solid
Analysis Batch: 31092

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30704

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 13:51	07/31/22 13:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:51	07/31/22 13:01	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 13:51	07/31/22 13:01	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*07/26/22 13:51*	*07/31/22 13:01*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*07/26/22 13:51*	*07/31/22 13:01*	*1*

Lab Sample ID: LCS 880-30704/1-A
Matrix: Solid
Analysis Batch: 31092

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30704

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1048		mg/Kg		105	70 - 130		
Toluene			0.100	0.09905		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.1017		mg/Kg		102	70 - 130		
m,p-Xylenes			0.200	0.2075		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1105		mg/Kg		110	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-30704/2-A
Matrix: Solid
Analysis Batch: 31092

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30704

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1161		mg/Kg		116	70 - 130	10	35
Toluene			0.100	0.09651		mg/Kg		97	70 - 130	3	35
Ethylbenzene			0.100	0.09894		mg/Kg		99	70 - 130	3	35
m,p-Xylenes			0.200	0.2034		mg/Kg		102	70 - 130	2	35
o-Xylene			0.100	0.1082		mg/Kg		108	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*

Lab Sample ID: 880-17204-119 MS
Matrix: Solid
Analysis Batch: 31092

Client Sample ID: C-119 0-2'
Prep Type: Total/NA
Prep Batch: 30704

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U F1	0.100	0.05609	F1	mg/Kg		56	70 - 130		
Toluene	<0.00202	U F1	0.100	0.04162	F1	mg/Kg		41	70 - 130		
Ethylbenzene	<0.00202	U F1	0.100	0.02810	F1	mg/Kg		28	70 - 130		
m,p-Xylenes	<0.00404	U F1	0.201	0.05728	F1	mg/Kg		29	70 - 130		
o-Xylene	<0.00202	U F2 F1	0.100	0.03107	F1	mg/Kg		30	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	93		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-17204-119 MSD — **Client Sample ID: C-119 0-2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31092 — **Prep Batch: 30704**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.0998	0.06250	F1	mg/Kg		63	70 - 130	11	35
Toluene	<0.00202	U F1	0.0998	0.04416	F1	mg/Kg		44	70 - 130	6	35
Ethylbenzene	<0.00202	U F1	0.0998	0.03399	F1	mg/Kg		34	70 - 130	19	35
m,p-Xylenes	<0.00404	U F1	0.200	0.06454	F1	mg/Kg		32	70 - 130	12	35
o-Xylene	<0.00202	U F2 F1	0.0998	0.06076	F2 F1	mg/Kg		60	70 - 130	65	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: MB 880-30705/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31092 — **Prep Batch: 30705**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 02:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 02:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 02:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 13:53	08/01/22 02:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:53	08/01/22 02:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 13:53	08/01/22 02:33	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	70		70 - 130	07/26/22 13:53	08/01/22 02:33	1
1,4-Difluorobenzene (Surr)	95		70 - 130	07/26/22 13:53	08/01/22 02:33	1

Lab Sample ID: LCS 880-30705/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31092 — **Prep Batch: 30705**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1012		mg/Kg		101	70 - 130		
Toluene			0.100	0.08796		mg/Kg		88	70 - 130		
Ethylbenzene			0.100	0.09639		mg/Kg		96	70 - 130		
m,p-Xylenes			0.200	0.2007		mg/Kg		100	70 - 130		
o-Xylene			0.100	0.1127		mg/Kg		113	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30705/2-A
Matrix: Solid
Analysis Batch: 31092

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30705

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09520		mg/Kg		95	70 - 130	6	35
Toluene			0.100	0.09077		mg/Kg		91	70 - 130	3	35
Ethylbenzene			0.100	0.08954		mg/Kg		90	70 - 130	7	35
m,p-Xylenes			0.200	0.1830		mg/Kg		92	70 - 130	9	35
o-Xylene			0.100	0.09825		mg/Kg		98	70 - 130	14	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-17204-139 MS
Matrix: Solid
Analysis Batch: 31092

Client Sample ID: C-139 2.5
Prep Type: Total/NA
Prep Batch: 30705

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0998	0.08370		mg/Kg		84	70 - 130		
Toluene	<0.00200	U	0.0998	0.07969		mg/Kg		80	70 - 130		
Ethylbenzene	<0.00200	U	0.0998	0.07532		mg/Kg		75	70 - 130		
m,p-Xylenes	<0.00401	U	0.200	0.1490		mg/Kg		74	70 - 130		
o-Xylene	<0.00200	U	0.0998	0.08021		mg/Kg		80	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-17204-139 MSD
Matrix: Solid
Analysis Batch: 31092

Client Sample ID: C-139 2.5
Prep Type: Total/NA
Prep Batch: 30705

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.100	0.09099		mg/Kg		91	70 - 130	8	35
Toluene	<0.00200	U	0.100	0.08238		mg/Kg		82	70 - 130	3	35
Ethylbenzene	<0.00200	U	0.100	0.07656		mg/Kg		75	70 - 130	2	35
m,p-Xylenes	<0.00401	U	0.201	0.1511		mg/Kg		74	70 - 130	1	35
o-Xylene	<0.00200	U	0.100	0.08156		mg/Kg		81	70 - 130	2	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: MB 880-30706/5-A
Matrix: Solid
Analysis Batch: 31095

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30706

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	07/31/22 22:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	07/31/22 22:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	07/31/22 22:33	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: MB 880-30706/5-A
Matrix: Solid
Analysis Batch: 31095

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30706

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 13:56	07/31/22 22:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:56	07/31/22 22:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 13:56	07/31/22 22:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*07/26/22 13:56*	*07/31/22 22:33*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*07/26/22 13:56*	*07/31/22 22:33*	*1*

Lab Sample ID: LCS 880-30706/1-A
Matrix: Solid
Analysis Batch: 31095

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30706

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1251		mg/Kg		125	70 - 130		
Toluene			0.100	0.09930		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.09326		mg/Kg		93	70 - 130		
m,p-Xylenes			0.200	0.1793		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.08936		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*

Lab Sample ID: LCSD 880-30706/2-A
Matrix: Solid
Analysis Batch: 31095

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30706

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1323	*+	mg/Kg		132	70 - 130	6	35
Toluene			0.100	0.1056		mg/Kg		106	70 - 130	6	35
Ethylbenzene			0.100	0.09886		mg/Kg		99	70 - 130	6	35
m,p-Xylenes			0.200	0.1909		mg/Kg		95	70 - 130	6	35
o-Xylene			0.100	0.09503		mg/Kg		95	70 - 130	6	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: 880-17204-159 MS
Matrix: Solid
Analysis Batch: 31095

Client Sample ID: C-159 1.5
Prep Type: Total/NA
Prep Batch: 30706

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U *+	0.0998	0.08193		mg/Kg		82	70 - 130		
Toluene	<0.00199	U	0.0998	0.08115		mg/Kg		81	70 - 130		
Ethylbenzene	<0.00199	U F1	0.0998	0.06858	F1	mg/Kg		69	70 - 130		
m,p-Xylenes	<0.00398	U F1	0.200	0.1356	F1	mg/Kg		68	70 - 130		
o-Xylene	<0.00199	U F1	0.0998	0.06667	F1	mg/Kg		67	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

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

Lab Sample ID: 880-17204-159 MSD — **Client Sample ID: C-159 1.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31095 — **Prep Batch: 30706**

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	0.09561		mg/Kg		95	70 - 130	15	35
Toluene	<0.00199	U	0.100	0.09728		mg/Kg		97	70 - 130	18	35
Ethylbenzene	<0.00199	U F1	0.100	0.08229		mg/Kg		82	70 - 130	18	35
m,p-Xylenes	<0.00398	U F1	0.200	0.1654		mg/Kg		83	70 - 130	20	35
o-Xylene	<0.00199	U F1	0.100	0.08177		mg/Kg		82	70 - 130	20	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	111		70 - 130

Lab Sample ID: MB 880-30707/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31094 — **Prep Batch: 30707**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 14:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 14:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 14:13	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 13:58	07/31/22 14:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 13:58	07/31/22 14:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 13:58	07/31/22 14:13	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	07/26/22 13:58	07/31/22 14:13	1
1,4-Difluorobenzene (Surr)	100		70 - 130	07/26/22 13:58	07/31/22 14:13	1

Lab Sample ID: LCS 880-30707/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31094 — **Prep Batch: 30707**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08394		mg/Kg		84	70 - 130		
Toluene			0.100	0.1038		mg/Kg		104	70 - 130		
Ethylbenzene			0.100	0.09066		mg/Kg		91	70 - 130		
m,p-Xylenes			0.200	0.1849		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.1067		mg/Kg		107	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	101		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30707/2-A
Matrix: Solid
Analysis Batch: 31094

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30707

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08816		mg/Kg		88	70 - 130	5	35
Toluene			0.100	0.1035		mg/Kg		103	70 - 130	0	35
Ethylbenzene			0.100	0.09118		mg/Kg		91	70 - 130	1	35
m,p-Xylenes			0.200	0.1859		mg/Kg		93	70 - 130	1	35
o-Xylene			0.100	0.1077		mg/Kg		108	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-17204-179 MS
Matrix: Solid
Analysis Batch: 31094

Client Sample ID: C-179 4'
Prep Type: Total/NA
Prep Batch: 30707

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U F1	0.101	0.06538	F1	mg/Kg		65	70 - 130		
Toluene	<0.00202	U	0.101	0.07570		mg/Kg		75	70 - 130		
Ethylbenzene	<0.00202	U F1	0.101	0.06314	F1	mg/Kg		63	70 - 130		
m,p-Xylenes	<0.00404	U F1	0.201	0.1286	F1	mg/Kg		64	70 - 130		
o-Xylene	<0.00202	U	0.101	0.07487		mg/Kg		74	70 - 130		

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

Lab Sample ID: 880-17204-179 MSD
Matrix: Solid
Analysis Batch: 31094

Client Sample ID: C-179 4'
Prep Type: Total/NA
Prep Batch: 30707

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U F1	0.0990	0.07592		mg/Kg		77	70 - 130	15	35
Toluene	<0.00202	U	0.0990	0.07950		mg/Kg		80	70 - 130	5	35
Ethylbenzene	<0.00202	U F1	0.0990	0.06597	F1	mg/Kg		67	70 - 130	4	35
m,p-Xylenes	<0.00404	U F1	0.198	0.1331	F1	mg/Kg		67	70 - 130	3	35
o-Xylene	<0.00202	U	0.0990	0.07735		mg/Kg		78	70 - 130	3	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*

Lab Sample ID: MB 880-30708/5-A
Matrix: Solid
Analysis Batch: 31094

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30708

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 01:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 01:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 01:50	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: MB 880-30708/5-A
Matrix: Solid
Analysis Batch: 31094

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30708

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/26/22 14:01	08/01/22 01:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/26/22 14:01	08/01/22 01:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/26/22 14:01	08/01/22 01:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 14:01*	*08/01/22 01:50*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*07/26/22 14:01*	*08/01/22 01:50*	*1*

Lab Sample ID: LCS 880-30708/1-A
Matrix: Solid
Analysis Batch: 31094

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30708

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1014		mg/Kg		101	70 - 130		
Toluene			0.100	0.1096		mg/Kg		110	70 - 130		
Ethylbenzene			0.100	0.09499		mg/Kg		95	70 - 130		
m,p-Xylenes			0.200	0.1921		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.1133		mg/Kg		113	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-30708/2-A
Matrix: Solid
Analysis Batch: 31094

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30708

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08339		mg/Kg		83	70 - 130	19	35
Toluene			0.100	0.1025		mg/Kg		103	70 - 130	7	35
Ethylbenzene			0.100	0.09051		mg/Kg		91	70 - 130	5	35
m,p-Xylenes			0.200	0.1846		mg/Kg		92	70 - 130	4	35
o-Xylene			0.100	0.1087		mg/Kg		109	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-17204-199 MS
Matrix: Solid
Analysis Batch: 31094

Client Sample ID: C-199
Prep Type: Total/NA
Prep Batch: 30708

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00202	U	0.101	0.07650		mg/Kg		76	70 - 130		
Toluene	<0.00202	U	0.101	0.09591		mg/Kg		94	70 - 130		
Ethylbenzene	<0.00202	U	0.101	0.08206		mg/Kg		80	70 - 130		
m,p-Xylenes	<0.00403	U	0.201	0.1666		mg/Kg		81	70 - 130		
o-Xylene	<0.00202	U	0.101	0.09534		mg/Kg		95	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	109		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

Lab Sample ID: 880-17204-199 MSD — **Client Sample ID: C-199**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 31094 — **Prep Batch: 30708**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00202	U	0.0990	0.07515		mg/Kg		76	70 - 130	2	35
Toluene	<0.00202	U	0.0990	0.09410		mg/Kg		94	70 - 130	2	35
Ethylbenzene	<0.00202	U	0.0990	0.07733		mg/Kg		77	70 - 130	6	35
m,p-Xylenes	<0.00403	U	0.198	0.1579		mg/Kg		78	70 - 130	5	35
o-Xylene	<0.00202	U	0.0990	0.09122		mg/Kg		92	70 - 130	4	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	95		70 - 130

Lab Sample ID: MB 880-30709/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30747 — **Prep Batch: 30709**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/27/22 08:00	07/27/22 10:54	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/27/22 08:00	07/27/22 10:54	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/27/22 08:00	07/27/22 10:54	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/27/22 08:00	07/27/22 10:54	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/27/22 08:00	07/27/22 10:54	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/27/22 08:00	07/27/22 10:54	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	07/27/22 08:00	07/27/22 10:54	1
1,4-Difluorobenzene (Surr)	84		70 - 130	07/27/22 08:00	07/27/22 10:54	1

Lab Sample ID: LCS 880-30709/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30747 — **Prep Batch: 30709**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09414		mg/Kg		94	70 - 130		
Toluene			0.100	0.09289		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.09941		mg/Kg		99	70 - 130		
m,p-Xylenes			0.200	0.1985		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.1087		mg/Kg		109	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	110		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30709/2-A
Matrix: Solid
Analysis Batch: 30747

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30709

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09253		mg/Kg		93	70 - 130	2	35
Toluene			0.100	0.09148		mg/Kg		91	70 - 130	2	35
Ethylbenzene			0.100	0.09626		mg/Kg		96	70 - 130	3	35
m,p-Xylenes			0.200	0.1928		mg/Kg		96	70 - 130	3	35
o-Xylene			0.100	0.1052		mg/Kg		105	70 - 130	3	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-30794/5-A
Matrix: Solid
Analysis Batch: 30747

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30794

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:46	07/27/22 22:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:46	07/27/22 22:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:46	07/27/22 22:26	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/27/22 10:46	07/27/22 22:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:46	07/27/22 22:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/27/22 10:46	07/27/22 22:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*07/27/22 10:46*	*07/27/22 22:26*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*07/27/22 10:46*	*07/27/22 22:26*	*1*

Lab Sample ID: LCS 880-30794/1-A
Matrix: Solid
Analysis Batch: 30747

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30794

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene			0.100	0.1065		mg/Kg		106	70 - 130
Toluene			0.100	0.1032		mg/Kg		103	70 - 130
Ethylbenzene			0.100	0.1118		mg/Kg		112	70 - 130
m,p-Xylenes			0.200	0.2205		mg/Kg		110	70 - 130
o-Xylene			0.100	0.1207		mg/Kg		121	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-30794/2-A
Matrix: Solid
Analysis Batch: 30747

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30794

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09745		mg/Kg		97	70 - 130	9	35
Toluene			0.100	0.09551		mg/Kg		96	70 - 130	8	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30794/2-A
Matrix: Solid
Analysis Batch: 30747

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30794

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene			0.100	0.1022		mg/Kg		102	70 - 130	9	35
m,p-Xylenes			0.200	0.2042		mg/Kg		102	70 - 130	8	35
o-Xylene			0.100	0.1114		mg/Kg		111	70 - 130	8	35

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

Lab Sample ID: MB 880-30796/5-A
Matrix: Solid
Analysis Batch: 30748

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30796

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/27/22 23:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/27/22 23:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/27/22 23:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/27/22 10:51	07/27/22 23:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/27/22 10:51	07/27/22 23:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/27/22 10:51	07/27/22 23:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*07/27/22 10:51*	*07/27/22 23:50*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/27/22 10:51*	*07/27/22 23:50*	*1*

Lab Sample ID: LCS 880-30796/1-A
Matrix: Solid
Analysis Batch: 30748

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30796

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1007		mg/Kg		101	70 - 130		
Toluene			0.100	0.1029		mg/Kg		103	70 - 130		
Ethylbenzene			0.100	0.08841		mg/Kg		88	70 - 130		
m,p-Xylenes			0.200	0.1796		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.1046		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-30796/2-A
Matrix: Solid
Analysis Batch: 30748

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30796

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1010		mg/Kg		101	70 - 130	0	35
Toluene			0.100	0.1017		mg/Kg		102	70 - 130	1	35
Ethylbenzene			0.100	0.08578		mg/Kg		86	70 - 130	3	35
m,p-Xylenes			0.200	0.1737		mg/Kg		87	70 - 130	3	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30796/2-A
Matrix: Solid
Analysis Batch: 30748

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30796

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
o-Xylene			0.100	0.1008		mg/Kg		101	70 - 130	4	35

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

Lab Sample ID: MB 880-30893/5-A
Matrix: Solid
Analysis Batch: 31046

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30893

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:46	07/30/22 22:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:46	07/30/22 22:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:46	07/30/22 22:33	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/28/22 09:46	07/30/22 22:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 09:46	07/30/22 22:33	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/28/22 09:46	07/30/22 22:33	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*07/28/22 09:46*	*07/30/22 22:33*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*07/28/22 09:46*	*07/30/22 22:33*	*1*

Lab Sample ID: LCS 880-30893/1-A
Matrix: Solid
Analysis Batch: 31046

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30893

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07636		mg/Kg		76	70 - 130		
Toluene			0.100	0.07525		mg/Kg		75	70 - 130		
Ethylbenzene			0.100	0.07655		mg/Kg		77	70 - 130		
m,p-Xylenes			0.200	0.1566		mg/Kg		78	70 - 130		
o-Xylene			0.100	0.08861		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-30893/2-A
Matrix: Solid
Analysis Batch: 31046

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30893

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08496		mg/Kg		85	70 - 130	11	35
Toluene			0.100	0.08283		mg/Kg		83	70 - 130	10	35
Ethylbenzene			0.100	0.08403		mg/Kg		84	70 - 130	9	35
m,p-Xylenes			0.200	0.1660		mg/Kg		83	70 - 130	6	35
o-Xylene			0.100	0.09377		mg/Kg		94	70 - 130	6	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30893/2-A
Matrix: Solid
Analysis Batch: 31046

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30893

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	102		70 - 130
1,4-Difluorobenzene (Surr)	99		70 - 130

Lab Sample ID: MB 880-30914/5-A
Matrix: Solid
Analysis Batch: 31149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30914

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/01/22 22:02	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/01/22 22:02	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/01/22 22:02	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/28/22 10:44	08/01/22 22:02	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/28/22 10:44	08/01/22 22:02	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/28/22 10:44	08/01/22 22:02	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	88		70 - 130	07/28/22 10:44	08/01/22 22:02	1
1,4-Difluorobenzene (Surr)	107		70 - 130	07/28/22 10:44	08/01/22 22:02	1

Lab Sample ID: LCS 880-30914/1-A
Matrix: Solid
Analysis Batch: 31149

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30914

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1036		mg/Kg		104	70 - 130		
Toluene			0.100	0.09141		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.08864		mg/Kg		89	70 - 130		
m,p-Xylenes			0.200	0.1728		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.08598		mg/Kg		86	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		70 - 130
1,4-Difluorobenzene (Surr)	112		70 - 130

Lab Sample ID: LCSD 880-30914/2-A
Matrix: Solid
Analysis Batch: 31149

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30914

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1144		mg/Kg		114	70 - 130	10	35
Toluene			0.100	0.09687		mg/Kg		97	70 - 130	6	35
Ethylbenzene			0.100	0.09273		mg/Kg		93	70 - 130	5	35
m,p-Xylenes			0.200	0.1810		mg/Kg		91	70 - 130	5	35
o-Xylene			0.100	0.08961		mg/Kg		90	70 - 130	4	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	83		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30914/2-A
Matrix: Solid
Analysis Batch: 31149

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30914

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: 880-17204-219 MS
Matrix: Solid
Analysis Batch: 31149

Client Sample ID: C-219 4'
Prep Type: Total/NA
Prep Batch: 30914

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.09553		mg/Kg		94	70 - 130
Toluene	0.00294		0.101	0.08456		mg/Kg		81	70 - 130
Ethylbenzene	<0.00201	U	0.101	0.07943		mg/Kg		78	70 - 130
m,p-Xylenes	<0.00402	U	0.201	0.1536		mg/Kg		75	70 - 130
o-Xylene	<0.00201	U F1	0.101	0.07431		mg/Kg		73	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	114		70 - 130

Lab Sample ID: 880-17204-219 MSD
Matrix: Solid
Analysis Batch: 31149

Client Sample ID: C-219 4'
Prep Type: Total/NA
Prep Batch: 30914

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09528		mg/Kg		95	70 - 130	0	35
Toluene	0.00294		0.0990	0.08036		mg/Kg		78	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.0990	0.07361		mg/Kg		73	70 - 130	8	35
m,p-Xylenes	<0.00402	U	0.198	0.1413		mg/Kg		70	70 - 130	8	35
o-Xylene	<0.00201	U F1	0.0990	0.06848	F1	mg/Kg		69	70 - 130	8	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	79		70 - 130
1,4-Difluorobenzene (Surr)	113		70 - 130

Lab Sample ID: MB 880-30988/5-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30988

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/29/22 10:52	07/29/22 13:46	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/29/22 10:52	07/29/22 13:46	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/29/22 10:52	07/29/22 13:46	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/29/22 10:52	07/29/22 13:46	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		70 - 130	07/29/22 10:52	07/29/22 13:46	1
1,4-Difluorobenzene (Surr)	101		70 - 130	07/29/22 10:52	07/29/22 13:46	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCS 880-30988/1-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30988

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09249		mg/Kg		92	70 - 130		
Toluene			0.100	0.09887		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.08511		mg/Kg		85	70 - 130		
m,p-Xylenes			0.200	0.1718		mg/Kg		86	70 - 130		
o-Xylene			0.100	0.1010		mg/Kg		101	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-30988/2-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30988

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07256		mg/Kg		73	70 - 130	24	35
Toluene			0.100	0.1122		mg/Kg		112	70 - 130	13	35
Ethylbenzene			0.100	0.1177		mg/Kg		118	70 - 130	32	35
m,p-Xylenes			0.200	0.2567	*1	mg/Kg		128	70 - 130	40	35
o-Xylene			0.100	0.1484	*+ *1	mg/Kg		148	70 - 130	38	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*

Lab Sample ID: MB 880-31011/5-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31011

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/29/22 13:17	07/30/22 01:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/29/22 13:17	07/30/22 01:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*07/29/22 13:17*	*07/30/22 01:37*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*07/29/22 13:17*	*07/30/22 01:37*	*1*

Lab Sample ID: LCS 880-31011/1-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31011

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07777		mg/Kg		78	70 - 130		
Toluene			0.100	0.09255		mg/Kg		93	70 - 130		

Eurofins Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCS 880-31011/1-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31011

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.100	0.08154		mg/Kg		82	70 - 130
m,p-Xylenes	0.200	0.1658		mg/Kg		83	70 - 130
o-Xylene	0.100	0.09992		mg/Kg		100	70 - 130

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

Lab Sample ID: LCSD 880-31011/2-A
Matrix: Solid
Analysis Batch: 30959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31011

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	0.100	0.06253	*-	mg/Kg		63	70 - 130	22	35
Toluene	0.100	0.07063		mg/Kg		71	70 - 130	27	35
Ethylbenzene	0.100	0.06380	*-	mg/Kg		64	70 - 130	24	35
m,p-Xylenes	0.200	0.1309	*-	mg/Kg		65	70 - 130	24	35
o-Xylene	0.100	0.07995		mg/Kg		80	70 - 130	22	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: MB 880-31025/5-A
Matrix: Solid
Analysis Batch: 31149

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31025

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/29/22 15:19	08/01/22 11:15	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/29/22 15:19	08/01/22 11:15	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/29/22 15:19	08/01/22 11:15	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/29/22 15:19	08/01/22 11:15	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		07/29/22 15:19	08/01/22 11:15	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		07/29/22 15:19	08/01/22 11:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*07/29/22 15:19*	*08/01/22 11:15*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*07/29/22 15:19*	*08/01/22 11:15*	*1*

Lab Sample ID: MB 880-31099/5-A
Matrix: Solid
Analysis Batch: 31095

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31099

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		07/31/22 10:09	07/31/22 13:52	1
Toluene	<0.00200	U	0.00200	mg/Kg		07/31/22 10:09	07/31/22 13:52	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		07/31/22 10:09	07/31/22 13:52	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		07/31/22 10:09	07/31/22 13:52	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: MB 880-31099/5-A
Matrix: Solid
Analysis Batch: 31095

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31099

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		07/31/22 10:09	07/31/22 13:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		07/31/22 10:09	07/31/22 13:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*07/31/22 10:09*	*07/31/22 13:52*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*07/31/22 10:09*	*07/31/22 13:52*	*1*

Lab Sample ID: MB 880-31155/5-A
Matrix: Solid
Analysis Batch: 31148

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31155

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 11:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 11:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 11:15	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/01/22 09:07	08/01/22 11:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 09:07	08/01/22 11:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 09:07	08/01/22 11:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*08/01/22 09:07*	*08/01/22 11:15*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*08/01/22 09:07*	*08/01/22 11:15*	*1*

Lab Sample ID: LCS 880-31155/1-A
Matrix: Solid
Analysis Batch: 31148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31155

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09936		mg/Kg		99	70 - 130		
Toluene			0.100	0.09630		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.09817		mg/Kg		98	70 - 130		
m,p-Xylenes			0.200	0.1988		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.1075		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-31155/2-A
Matrix: Solid
Analysis Batch: 31148

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31155

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09608		mg/Kg		96	70 - 130	3	35
Toluene			0.100	0.09311		mg/Kg		93	70 - 130	3	35
Ethylbenzene			0.100	0.09442		mg/Kg		94	70 - 130	4	35
m,p-Xylenes			0.200	0.1886		mg/Kg		94	70 - 130	5	35
o-Xylene			0.100	0.1018		mg/Kg		102	70 - 130	5	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	96		70 - 130

Lab Sample ID: MB 880-31170/5-A
Matrix: Solid
Analysis Batch: 31148

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31170

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:04	08/01/22 22:45	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:04	08/01/22 22:45	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:04	08/01/22 22:45	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/01/22 10:04	08/01/22 22:45	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/01/22 10:04	08/01/22 22:45	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/01/22 10:04	08/01/22 22:45	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		70 - 130	08/01/22 10:04	08/01/22 22:45	1
1,4-Difluorobenzene (Surr)	83		70 - 130	08/01/22 10:04	08/01/22 22:45	1

Lab Sample ID: LCS 880-31170/1-A
Matrix: Solid
Analysis Batch: 31148

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31170

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1033		mg/Kg		103	70 - 130		
Toluene			0.100	0.09939		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.1006		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.2046		mg/Kg		102	70 - 130		
o-Xylene			0.100	0.1127		mg/Kg		113	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	103		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-31170/2-A
Matrix: Solid
Analysis Batch: 31148

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31170

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09968		mg/Kg		100	70 - 130	4	35
Toluene			0.100	0.1000		mg/Kg		100	70 - 130	1	35
Ethylbenzene			0.100	0.1019		mg/Kg		102	70 - 130	1	35
m,p-Xylenes			0.200	0.2054		mg/Kg		103	70 - 130	0	35
o-Xylene			0.100	0.1112		mg/Kg		111	70 - 130	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	96		70 - 130
1,4-Difluorobenzene (Surr)	94		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: MB 880-31290/5-A
Matrix: Solid
Analysis Batch: 31253

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 31290

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		08/02/22 09:44	08/02/22 12:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		08/02/22 09:44	08/02/22 12:12	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*08/02/22 09:44*	*08/02/22 12:12*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*08/02/22 09:44*	*08/02/22 12:12*	*1*

Lab Sample ID: LCS 880-31290/1-A
Matrix: Solid
Analysis Batch: 31253

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 31290

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1124		mg/Kg		112	70 - 130		
Toluene			0.100	0.1082		mg/Kg		108	70 - 130		
Ethylbenzene			0.100	0.1089		mg/Kg		109	70 - 130		
m,p-Xylenes			0.200	0.2174		mg/Kg		109	70 - 130		
o-Xylene			0.100	0.1246		mg/Kg		125	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-31290/2-A
Matrix: Solid
Analysis Batch: 31253

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 31290

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1108		mg/Kg		111	70 - 130	1	35
Toluene			0.100	0.1082		mg/Kg		108	70 - 130	0	35
Ethylbenzene			0.100	0.1122		mg/Kg		112	70 - 130	3	35
m,p-Xylenes			0.200	0.2300		mg/Kg		115	70 - 130	6	35
o-Xylene			0.100	0.1303		mg/Kg		130	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: MB 880-30690/1-A
Matrix: Solid
Analysis Batch: 30649

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30690

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		07/26/22 11:47	07/26/22 20:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/26/22 20:25	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:47	07/26/22 20:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*07/26/22 11:47*	*07/26/22 20:25*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*07/26/22 11:47*	*07/26/22 20:25*	*1*

Lab Sample ID: LCS 880-30690/2-A
Matrix: Solid
Analysis Batch: 30649

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30690

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	829.1		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	875.8		mg/Kg		88	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*83*		*70 - 130*
o-Terphenyl (Surr)	*91*		*70 - 130*

Lab Sample ID: LCSD 880-30690/3-A
Matrix: Solid
Analysis Batch: 30649

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30690

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	852.0		mg/Kg		85	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	917.0		mg/Kg		92	70 - 130	5	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*86*		*70 - 130*
o-Terphenyl (Surr)	*96*		*70 - 130*

Lab Sample ID: 880-17204-1 MS
Matrix: Solid
Analysis Batch: 30649

Client Sample ID: C-1 1.5'
Prep Type: Total/NA
Prep Batch: 30690

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	929.4		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U F1	1000	694.2	F1	mg/Kg		68	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: 880-17204-1 MS
Matrix: Solid
Analysis Batch: 30649

Client Sample ID: C-1 1.5'
Prep Type: Total/NA
Prep Batch: 30690

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	75		70 - 130
o-Terphenyl (Surr)	79		70 - 130

Lab Sample ID: 880-17204-1 MSD
Matrix: Solid
Analysis Batch: 30649

Client Sample ID: C-1 1.5'
Prep Type: Total/NA
Prep Batch: 30690

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	937.9		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	692.5	F1	mg/Kg		67	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	76		70 - 130
o-Terphenyl (Surr)	79		70 - 130

Lab Sample ID: MB 880-30691/1-A
Matrix: Solid
Analysis Batch: 30739

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30691

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		07/26/22 11:50	07/27/22 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 09:36	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 11:50	07/27/22 09:36	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	07/26/22 11:50	07/27/22 09:36	1
o-Terphenyl (Surr)	115		70 - 130	07/26/22 11:50	07/27/22 09:36	1

Lab Sample ID: LCS 880-30691/2-A
Matrix: Solid
Analysis Batch: 30739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30691

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1165		mg/Kg		116	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1131		mg/Kg		113	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	136	S1+	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30691/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30739 — **Prep Batch: 30691**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1105		mg/Kg		111	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1002		mg/Kg		100	70 - 130	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*108*		*70 - 130*
o-Terphenyl (Surr)	*121*		*70 - 130*

Lab Sample ID: 880-17204-21 MS — **Client Sample ID: C-21 2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30739 — **Prep Batch: 30691**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1091		mg/Kg		109	70 - 130
Diesel Range Organics (Over C10-C28)	71.0	F1	1000	810.9		mg/Kg		74	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*83*		*70 - 130*
o-Terphenyl (Surr)	*87*		*70 - 130*

Lab Sample ID: 880-17204-21 MSD — **Client Sample ID: C-21 2'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30739 — **Prep Batch: 30691**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	958.9		mg/Kg		96	70 - 130	13	20
Diesel Range Organics (Over C10-C28)	71.0	F1	999	716.1	F1	mg/Kg		65	70 - 130	12	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*75*		*70 - 130*
o-Terphenyl (Surr)	*76*		*70 - 130*

Lab Sample ID: MB 880-30710/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30739 — **Prep Batch: 30710**

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		07/26/22 14:05	07/27/22 19:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/27/22 19:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:05	07/27/22 19:22	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: MB 880-30710/1-A
Matrix: Solid
Analysis Batch: 30739

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30710

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	89		70 - 130	07/26/22 14:05	07/27/22 19:22	1
o-Terphenyl (Surr)	93		70 - 130	07/26/22 14:05	07/27/22 19:22	1

Lab Sample ID: LCS 880-30710/2-A
Matrix: Solid
Analysis Batch: 30739

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30710

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	964.7		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	851.7		mg/Kg		85	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	106		70 - 130
o-Terphenyl (Surr)	108		70 - 130

Lab Sample ID: LCSD 880-30710/3-A
Matrix: Solid
Analysis Batch: 30739

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30710

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	876.6		mg/Kg		88	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	799.6		mg/Kg		80	70 - 130	6	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	99		70 - 130

Lab Sample ID: 880-17204-41 MS
Matrix: Solid
Analysis Batch: 30739

Client Sample ID: C-41 0-2'
Prep Type: Total/NA
Prep Batch: 30710

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	954.3		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)	135	F1	1000	690.3	F1	mg/Kg		56	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	68	S1-	70 - 130
o-Terphenyl (Surr)	67	S1-	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: 880-17204-41 MSD
Matrix: Solid
Analysis Batch: 30739

Client Sample ID: C-41 0-2'
Prep Type: Total/NA
Prep Batch: 30710

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	995.2		mg/Kg		100	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	135	F1	999	726.0	F1	mg/Kg		59	70 - 130	5	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*70*		*70 - 130*
o-Terphenyl (Surr)	*71*		*70 - 130*

Lab Sample ID: MB 880-30711/1-A
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30711

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		07/26/22 14:08	07/27/22 09:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 09:36	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:08	07/27/22 09:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*07/26/22 14:08*	*07/27/22 09:36*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*07/26/22 14:08*	*07/27/22 09:36*	*1*

Lab Sample ID: LCS 880-30711/2-A
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30711

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1015		mg/Kg		101	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	947.3		mg/Kg		95	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*92*		*70 - 130*
o-Terphenyl (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-30711/3-A
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30711

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1059		mg/Kg		106	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	955.5		mg/Kg		96	70 - 130	1	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30711/3-A
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30711

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: 880-17204-61 MS
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: C-61 2'
Prep Type: Total/NA
Prep Batch: 30711

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	931.3		mg/Kg		90	70 - 130		
Diesel Range Organics (Over C10-C28)	256	F1	1000	873.8	F1	mg/Kg		62	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	82		70 - 130

Lab Sample ID: 880-17204-61 MSD
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: C-61 2'
Prep Type: Total/NA
Prep Batch: 30711

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	923.0		mg/Kg		90	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	256	F1	999	784.7	F1	mg/Kg		53	70 - 130	11	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	74		70 - 130
o-Terphenyl (Surr)	72		70 - 130

Lab Sample ID: MB 880-30714/1-A
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30714

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		07/26/22 14:59	07/27/22 19:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/27/22 19:22	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 14:59	07/27/22 19:22	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	07/26/22 14:59	07/27/22 19:22	1
o-Terphenyl (Surr)	101		70 - 130	07/26/22 14:59	07/27/22 19:22	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCS 880-30714/2-A
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30714

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	959.5		mg/Kg		96	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	907.0		mg/Kg		91	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*91*		*70 - 130*
o-Terphenyl (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-30714/3-A
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30714

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	970.5		mg/Kg		97	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	921.6		mg/Kg		92	70 - 130	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*95*		*70 - 130*
o-Terphenyl (Surr)	*102*		*70 - 130*

Lab Sample ID: 880-17204-81 MS
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: C-81 2'
Prep Type: Total/NA
Prep Batch: 30714

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	1000	699.4		mg/Kg		70	70 - 130		
Diesel Range Organics (Over C10-C28)	101	F1	1000	640.8	F1	mg/Kg		54	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*60*	*S1-*	*70 - 130*
o-Terphenyl (Surr)	*57*	*S1-*	*70 - 130*

Lab Sample ID: 880-17204-81 MSD
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: C-81 2'
Prep Type: Total/NA
Prep Batch: 30714

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	676.3	F1	mg/Kg		68	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	101	F1	999	605.0	F1	mg/Kg		50	70 - 130	6	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*57*	*S1-*	*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: 880-17204-81 MSD
Matrix: Solid
Analysis Batch: 30741

Client Sample ID: C-81 2'
Prep Type: Total/NA
Prep Batch: 30714

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	53	S1-	70 - 130

Lab Sample ID: MB 880-30715/1-A
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30715

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		07/26/22 15:02	07/28/22 10:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 10:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 15:02	07/28/22 10:42	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	96		70 - 130	07/26/22 15:02	07/28/22 10:42	1
o-Terphenyl (Surr)	110		70 - 130	07/26/22 15:02	07/28/22 10:42	1

Lab Sample ID: LCS 880-30715/2-A
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30715

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	868.1		mg/Kg		87	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)	113		70 - 130
o-Terphenyl (Surr)	115		70 - 130

Lab Sample ID: LCSD 880-30715/3-A
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30715

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1000		mg/Kg		100	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	935.9		mg/Kg		94	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	112		70 - 130
o-Terphenyl (Surr)	116		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: 880-17204-101 MS
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: C-101 2'
Prep Type: Total/NA
Prep Batch: 30715

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1199		mg/Kg		118	70 - 130
Diesel Range Organics (Over C10-C28)	535	F1	1000	1075	F1	mg/Kg		54	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*93*		*70 - 130*
o-Terphenyl (Surr)	*98*		*70 - 130*

Lab Sample ID: 880-17204-101 MSD
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: C-101 2'
Prep Type: Total/NA
Prep Batch: 30715

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1236		mg/Kg		122	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	535	F1	999	1103	F1	mg/Kg		57	70 - 130	3	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*107*		*70 - 130*
o-Terphenyl (Surr)	*106*		*70 - 130*

Lab Sample ID: MB 880-30736/1-A
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30736

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		07/26/22 16:41	07/28/22 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/28/22 20:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/26/22 16:41	07/28/22 20:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*07/26/22 16:41*	*07/28/22 20:23*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*07/26/22 16:41*	*07/28/22 20:23*	*1*

Lab Sample ID: LCS 880-30736/2-A
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30736

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1005		mg/Kg		100	70 - 130
Diesel Range Organics (Over C10-C28)			1000	938.9		mg/Kg		94	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCS 880-30736/2-A
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30736

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	119		70 - 130

Lab Sample ID: LCSD 880-30736/3-A
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30736

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1176		mg/Kg		118	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	1066		mg/Kg		107	70 - 130	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	109		70 - 130
o-Terphenyl (Surr)	133	S1+	70 - 130

Lab Sample ID: 880-17204-121 MS
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: C-121 0-2'
Prep Type: Total/NA
Prep Batch: 30736

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	1157		mg/Kg		116	70 - 130
Diesel Range Organics (Over C10-C28)	175	F1	1000	797.4	F1	mg/Kg		62	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	69	S1-	70 - 130
o-Terphenyl (Surr)	76		70 - 130

Lab Sample ID: 880-17204-121 MSD
Matrix: Solid
Analysis Batch: 30861

Client Sample ID: C-121 0-2'
Prep Type: Total/NA
Prep Batch: 30736

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1215		mg/Kg		122	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	175	F1	999	937.0		mg/Kg		76	70 - 130	16	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	91		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: MB 880-30806/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30863 — **Prep Batch: 30806**

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		07/27/22 11:14	07/28/22 10:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 10:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:14	07/28/22 10:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*07/27/22 11:14*	*07/28/22 10:42*	*1*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*	*07/27/22 11:14*	*07/28/22 10:42*	*1*

Lab Sample ID: LCS 880-30806/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30863 — **Prep Batch: 30806**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1096		mg/Kg		110	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1173		mg/Kg		117	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*115*		*70 - 130*
o-Terphenyl (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-30806/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30863 — **Prep Batch: 30806**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1192		mg/Kg		119	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	1164		mg/Kg		116	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*119*		*70 - 130*
o-Terphenyl (Surr)	*119*		*70 - 130*

Lab Sample ID: 880-17204-141 MS — **Client Sample ID: C-141 1.5**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30863 — **Prep Batch: 30806**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	1000	994.7		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	743	F1	1000	1247	F1	mg/Kg		50	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: 880-17204-141 MS
Matrix: Solid
Analysis Batch: 30863

Client Sample ID: C-141 1.5
Prep Type: Total/NA
Prep Batch: 30806

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	71		70 - 130
o-Terphenyl (Surr)	54	S1-	70 - 130

Lab Sample ID: 880-17204-141 MSD
Matrix: Solid
Analysis Batch: 30863

Client Sample ID: C-141 1.5
Prep Type: Total/NA
Prep Batch: 30806

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	898.4		mg/Kg		88	70 - 130	10	20
Diesel Range Organics (Over C10-C28)	743	F1	999	1025	F1	mg/Kg		28	70 - 130	19	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	62	S1-	70 - 130
o-Terphenyl (Surr)	50	S1-	70 - 130

Lab Sample ID: MB 880-30807/1-A
Matrix: Solid
Analysis Batch: 30952

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30807

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		07/27/22 11:20	07/29/22 09:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 11:20	07/29/22 09:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 11:20	07/29/22 09:18	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	07/27/22 11:20	07/29/22 09:18	1
o-Terphenyl (Surr)	139	S1+	70 - 130	07/27/22 11:20	07/29/22 09:18	1

Lab Sample ID: LCS 880-30807/2-A
Matrix: Solid
Analysis Batch: 30952

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30807

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	755.9		mg/Kg		76	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	983.7		mg/Kg		98	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	105		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30807/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30952 — **Prep Batch: 30807**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	686.5	*-	mg/Kg		69	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	896.1		mg/Kg		90	70 - 130	9	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*93*		*70 - 130*
o-Terphenyl (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-17204-167 MS — **Client Sample ID: C-167 0-2.5'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30952 — **Prep Batch: 30807**

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 *-	1000	855.0		mg/Kg		82	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	1000	930.2		mg/Kg		89	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*100*		*70 - 130*
o-Terphenyl (Surr)	*99*		*70 - 130*

Lab Sample ID: 880-17204-167 MSD — **Client Sample ID: C-167 0-2.5'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30952 — **Prep Batch: 30807**

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	892.1		mg/Kg		86	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	946.4		mg/Kg		90	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*100*		*70 - 130*
o-Terphenyl (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-30836/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30950 — **Prep Batch: 30836**

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		07/27/22 16:03	07/29/22 09:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 09:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:03	07/29/22 09:18	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: MB 880-30836/1-A
Matrix: Solid
Analysis Batch: 30950

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30836

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	115		70 - 130	07/27/22 16:03	07/29/22 09:18	1
o-Terphenyl (Surr)	132	S1+	70 - 130	07/27/22 16:03	07/29/22 09:18	1

Lab Sample ID: LCS 880-30836/2-A
Matrix: Solid
Analysis Batch: 30950

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30836

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	979.9		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1034		mg/Kg		103	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	126		70 - 130

Lab Sample ID: LCSD 880-30836/3-A
Matrix: Solid
Analysis Batch: 30950

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30836

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	866.1		mg/Kg		87	70 - 130	12	20
Diesel Range Organics (Over C10-C28)			1000	937.3		mg/Kg		94	70 - 130	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	92		70 - 130
o-Terphenyl (Surr)	113		70 - 130

Lab Sample ID: 880-17204-181 MS
Matrix: Solid
Analysis Batch: 30950

Client Sample ID: C-181 4'
Prep Type: Total/NA
Prep Batch: 30836

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	1000	1371	F1	mg/Kg		133	70 - 130		
Diesel Range Organics (Over C10-C28)	61.3	F1	1000	730.1	F1	mg/Kg		67	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	94		70 - 130
o-Terphenyl (Surr)	92		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: 880-17204-181 MSD — **Client Sample ID: C-181 4'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30950 — **Prep Batch: 30836**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	1127		mg/Kg		109	70 - 130	19	20
Diesel Range Organics (Over C10-C28)	61.3	F1	999	748.0	F1	mg/Kg		69	70 - 130	2	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*95*		*70 - 130*
o-Terphenyl (Surr)	*93*		*70 - 130*

Lab Sample ID: MB 880-30837/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30950 — **Prep Batch: 30837**

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		07/27/22 16:06	07/29/22 19:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/29/22 19:53	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/27/22 16:06	07/29/22 19:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*07/27/22 16:06*	*07/29/22 19:53*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*07/27/22 16:06*	*07/29/22 19:53*	*1*

Lab Sample ID: LCS 880-30837/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30950 — **Prep Batch: 30837**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1062		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	960.6		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*99*		*70 - 130*
o-Terphenyl (Surr)	*118*		*70 - 130*

Lab Sample ID: LCSD 880-30837/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 30950 — **Prep Batch: 30837**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1012		mg/Kg		101	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	1075		mg/Kg		108	70 - 130	11	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCSD 880-30837/3-A
Matrix: Solid
Analysis Batch: 30950

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30837

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	132	S1+	70 - 130

Lab Sample ID: 880-17204-201 MS
Matrix: Solid
Analysis Batch: 30950

Client Sample ID: C-201
Prep Type: Total/NA
Prep Batch: 30837

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	1000	1530	F1	mg/Kg		150	70 - 130		
Diesel Range Organics (Over C10-C28)	52.1	F1	1000	746.9	F1	mg/Kg		69	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	92		70 - 130

Lab Sample ID: 880-17204-201 MSD
Matrix: Solid
Analysis Batch: 30950

Client Sample ID: C-201
Prep Type: Total/NA
Prep Batch: 30837

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	1396	F1	mg/Kg		137	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	52.1	F1	999	743.9	F1	mg/Kg		69	70 - 130	0	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: MB 880-30915/1-A
Matrix: Solid
Analysis Batch: 30863

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30915

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		07/28/22 11:12	07/28/22 20:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/28/22 20:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 11:12	07/28/22 20:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	07/28/22 11:12	07/28/22 20:23	1
o-Terphenyl (Surr)	127		70 - 130	07/28/22 11:12	07/28/22 20:23	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCS 880-30915/2-A
Matrix: Solid
Analysis Batch: 30863

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30915

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1051		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1059		mg/Kg		106	70 - 130		

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

Lab Sample ID: LCSD 880-30915/3-A
Matrix: Solid
Analysis Batch: 30863

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30915

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	986.2		mg/Kg		99	70 - 130	6	20
Diesel Range Organics (Over C10-C28)			1000	975.0		mg/Kg		98	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*99*		*70 - 130*
o-Terphenyl (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-30925/1-A
Matrix: Solid
Analysis Batch: 30952

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 30925

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		07/28/22 13:32	07/29/22 19:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		07/28/22 13:32	07/29/22 19:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		07/28/22 13:32	07/29/22 19:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*07/28/22 13:32*	*07/29/22 19:53*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*07/28/22 13:32*	*07/29/22 19:53*	*1*

Lab Sample ID: LCS 880-30925/2-A
Matrix: Solid
Analysis Batch: 30952

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30925

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	858.8		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1129		mg/Kg		113	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

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

Lab Sample ID: LCS 880-30925/2-A
Matrix: Solid
Analysis Batch: 30952

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 30925

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: LCSD 880-30925/3-A
Matrix: Solid
Analysis Batch: 30952

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 30925

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	891.2		mg/Kg		89	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	1188		mg/Kg		119	70 - 130	5	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	102		70 - 130
o-Terphenyl (Surr)	104		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30258/1-A
Matrix: Solid
Analysis Batch: 30583

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			07/26/22 12:44	1

Lab Sample ID: LCS 880-30258/2-A
Matrix: Solid
Analysis Batch: 30583

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	271.7		mg/Kg		109	90 - 110		

Lab Sample ID: LCSD 880-30258/3-A
Matrix: Solid
Analysis Batch: 30583

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	270.6		mg/Kg		108	90 - 110	0	20

Lab Sample ID: 880-17204-6 MS
Matrix: Solid
Analysis Batch: 30583

Client Sample ID: C-6 1.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	200		251	475.6		mg/Kg		110	90 - 110		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 880-17204-6 MSD — **Client Sample ID: C-6 1.5'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30583

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	200		251	474.8		mg/Kg		109	90 - 110	0	20

Lab Sample ID: MB 880-30259/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30585

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/26/22 05:49	1

Lab Sample ID: LCS 880-30259/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30585

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	261.3		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-30259/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30585

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	261.7		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 880-17204-16 MS — **Client Sample ID: C-16 1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	49.7		252	327.4		mg/Kg		110	90 - 110		

Lab Sample ID: 880-17204-16 MSD — **Client Sample ID: C-16 1'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30585

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	49.7		252	319.0		mg/Kg		107	90 - 110	3	20

Lab Sample ID: 880-17204-26 MS — **Client Sample ID: C-26 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30585

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	138		251	404.2		mg/Kg		106	90 - 110		

Lab Sample ID: 880-17204-26 MSD — **Client Sample ID: C-26 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30585

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	138		251	406.7		mg/Kg		107	90 - 110	1	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30260/1-A
Matrix: Solid
Analysis Batch: 30586

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			07/27/22 19:53	1

Lab Sample ID: LCS 880-30260/2-A
Matrix: Solid
Analysis Batch: 30586

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	266.2		mg/Kg		106	90 - 110		

Lab Sample ID: LCSD 880-30260/3-A
Matrix: Solid
Analysis Batch: 30586

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	264.5		mg/Kg		106	90 - 110	1	20

Lab Sample ID: 880-17204-36 MS
Matrix: Solid
Analysis Batch: 30586

Client Sample ID: C- 36 0-1.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	40.7		498	587.6		mg/Kg		110	90 - 110		

Lab Sample ID: 880-17204-36 MSD
Matrix: Solid
Analysis Batch: 30586

Client Sample ID: C- 36 0-1.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	40.7		498	587.4		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-17204-46 MS
Matrix: Solid
Analysis Batch: 30586

Client Sample ID: C-46 2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	95.9		500	645.4		mg/Kg		110	90 - 110		

Lab Sample ID: 880-17204-46 MSD
Matrix: Solid
Analysis Batch: 30586

Client Sample ID: C-46 2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	95.9		500	645.4		mg/Kg		110	90 - 110	0	20

Lab Sample ID: MB 880-30261/1-A
Matrix: Solid
Analysis Batch: 30587

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			07/27/22 09:17	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-30261/2-A
Matrix: Solid
Analysis Batch: 30587

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	260.1		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-30261/3-A
Matrix: Solid
Analysis Batch: 30587

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	260.3		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-17204-56 MS
Matrix: Solid
Analysis Batch: 30587

Client Sample ID: C-56 2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	129		504	662.5		mg/Kg		106	90 - 110		

Lab Sample ID: 880-17204-56 MSD
Matrix: Solid
Analysis Batch: 30587

Client Sample ID: C-56 2
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	129		504	662.7		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-17204-66 MS
Matrix: Solid
Analysis Batch: 30587

Client Sample ID: C-66 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	183	F1	503	727.1		mg/Kg		108	90 - 110		

Lab Sample ID: 880-17204-66 MSD
Matrix: Solid
Analysis Batch: 30587

Client Sample ID: C-66 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	183	F1	503	739.6	F1	mg/Kg		111	90 - 110	2	20

Lab Sample ID: MB 880-30279/1-A
Matrix: Solid
Analysis Batch: 30713

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			07/27/22 03:54	1

Lab Sample ID: LCS 880-30279/2-A
Matrix: Solid
Analysis Batch: 30713

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	261.8		mg/Kg		105	90 - 110		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCSD 880-30279/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30713

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	257.4		mg/Kg		103	90 - 110	2	20

Lab Sample ID: 880-17204-216 MS — **Client Sample ID: C-216 4'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	405		503	924.0		mg/Kg		103	90 - 110		

Lab Sample ID: 880-17204-216 MSD — **Client Sample ID: C-216 4'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	405		503	924.3		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-17204-226 MS — **Client Sample ID: C-226 0-4'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30713

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	61.9		498	585.2		mg/Kg		105	90 - 110		

Lab Sample ID: 880-17204-226 MSD — **Client Sample ID: C-226 0-4'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30713

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	61.9		498	587.6		mg/Kg		106	90 - 110	0	20

Lab Sample ID: MB 880-30262/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30812

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/27/22 20:42	1

Lab Sample ID: LCS 880-30262/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30812

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.9		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-30262/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30812

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	259.6		mg/Kg		104	90 - 110	0	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-17204-76 MS
Matrix: Solid
Analysis Batch: 30812

Client Sample ID: C-76 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	133		250	378.3		mg/Kg		98	90 - 110

Lab Sample ID: 880-17204-76 MSD
Matrix: Solid
Analysis Batch: 30812

Client Sample ID: C-76 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	133		250	378.5		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 880-17204-86 MS
Matrix: Solid
Analysis Batch: 30812

Client Sample ID: C-86 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	398		248	628.6		mg/Kg		93	90 - 110

Lab Sample ID: 880-17204-86 MSD
Matrix: Solid
Analysis Batch: 30812

Client Sample ID: C-86 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	398		248	628.9		mg/Kg		93	90 - 110	0	20

Lab Sample ID: MB 880-30264/1-A
Matrix: Solid
Analysis Batch: 30813

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			07/28/22 06:38	1

Lab Sample ID: LCS 880-30264/2-A
Matrix: Solid
Analysis Batch: 30813

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	260.1		mg/Kg		104	90 - 110

Lab Sample ID: LCSD 880-30264/3-A
Matrix: Solid
Analysis Batch: 30813

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	260.0		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-17204-96 MS
Matrix: Solid
Analysis Batch: 30813

Client Sample ID: C-96 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	206		253	449.9		mg/Kg		97	90 - 110

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-17204-96 MSD — **Client Sample ID: C-96 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30813

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	206		253	450.7		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-17204-106 MS — **Client Sample ID: C-106 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30813

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	134		251	383.1		mg/Kg		100	90 - 110

Lab Sample ID: 880-17204-106 MSD — **Client Sample ID: C-106 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30813

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	134		251	382.4		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-30265/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30820

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/28/22 05:28	1

Lab Sample ID: LCS 880-30265/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30820

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	264.1		mg/Kg		106	90 - 110

Lab Sample ID: LCSD 880-30265/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30820

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	264.2		mg/Kg		106	90 - 110	0	20

Lab Sample ID: 880-17204-116 MS — **Client Sample ID: C-116 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30820

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	268		248	507.5		mg/Kg		97	90 - 110

Lab Sample ID: 880-17204-116 MSD — **Client Sample ID: C-116 2'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30820

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	268		248	507.3		mg/Kg		97	90 - 110	0	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-17204-126 MS — **Client Sample ID: C-126 2.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30820

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	189		249	449.8		mg/Kg		105	90 - 110

Lab Sample ID: 880-17204-126 MSD — **Client Sample ID: C-126 2.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30820

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	189		249	449.3		mg/Kg		105	90 - 110	0	20

Lab Sample ID: MB 880-30266/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30821

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/28/22 12:53	1

Lab Sample ID: LCS 880-30266/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30821

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	271.2		mg/Kg		108	90 - 110

Lab Sample ID: LCSD 880-30266/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30821

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	272.9		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-17204-136 MS — **Client Sample ID: C-136 2.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30821

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	27.2		252	276.2		mg/Kg		99	90 - 110

Lab Sample ID: 880-17204-136 MSD — **Client Sample ID: C-136 2.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30821

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	27.2		252	277.3		mg/Kg		99	90 - 110	0	20

Lab Sample ID: 880-17204-146 MS — **Client Sample ID: C-146 1.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30821

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	200		248	427.9		mg/Kg		92	90 - 110

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-17204-146 MSD — **Client Sample ID: C-146 1.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30821

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	200		248	427.1		mg/Kg		92	90 - 110	0	20

Lab Sample ID: MB 880-30270/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30822

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			07/29/22 08:52	1

Lab Sample ID: LCS 880-30270/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30822

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	270.0		mg/Kg		108	90 - 110		

Lab Sample ID: LCSD 880-30270/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30822

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	271.6		mg/Kg		109	90 - 110	1	20

Lab Sample ID: 880-17204-156 MS — **Client Sample ID: C-156 1.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30822

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	98.4		249	347.4		mg/Kg		100	90 - 110		

Lab Sample ID: 880-17204-156 MSD — **Client Sample ID: C-156 1.5**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30822

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	98.4		249	346.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 880-17204-166 MS — **Client Sample ID: C-166 0-2.5'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30822

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	13.1		250	271.5		mg/Kg		104	90 - 110		

Lab Sample ID: 880-17204-166 MSD — **Client Sample ID: C-166 0-2.5'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 30822

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	13.1		250	271.8		mg/Kg		104	90 - 110	0	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-30271/1-A
Matrix: Solid
Analysis Batch: 30823

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			07/29/22 15:09	1

Lab Sample ID: LCS 880-30271/2-A
Matrix: Solid
Analysis Batch: 30823

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	271.3		mg/Kg		109	90 - 110		

Lab Sample ID: LCSD 880-30271/3-A
Matrix: Solid
Analysis Batch: 30823

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	272.5		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 880-17204-176 MS
Matrix: Solid
Analysis Batch: 30823

Client Sample ID: C-176 4'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	174		250	426.9		mg/Kg		101	90 - 110		

Lab Sample ID: 880-17204-176 MSD
Matrix: Solid
Analysis Batch: 30823

Client Sample ID: C-176 4'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	174		250	428.1		mg/Kg		102	90 - 110	0	20

Lab Sample ID: 880-17204-186 MS
Matrix: Solid
Analysis Batch: 30823

Client Sample ID: C-186 4'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	124	F1	248	147.7	F1	mg/Kg		10	90 - 110		

Lab Sample ID: 880-17204-186 MSD
Matrix: Solid
Analysis Batch: 30823

Client Sample ID: C-186 4'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	124	F1	248	147.5	F1	mg/Kg		10	90 - 110	0	20

Lab Sample ID: MB 880-30278/1-A
Matrix: Solid
Analysis Batch: 30824

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			07/30/22 02:46	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-30278/2-A
Matrix: Solid
Analysis Batch: 30824

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	272.9		mg/Kg		109	90 - 110		

Lab Sample ID: LCSD 880-30278/3-A
Matrix: Solid
Analysis Batch: 30824

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	274.2		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-17204-196 MS
Matrix: Solid
Analysis Batch: 30824

Client Sample ID: C-196
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	159		251	419.3		mg/Kg		104	90 - 110		

Lab Sample ID: 880-17204-196 MSD
Matrix: Solid
Analysis Batch: 30824

Client Sample ID: C-196
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	159		251	420.9		mg/Kg		104	90 - 110	0	20

Lab Sample ID: 880-17204-206 MS
Matrix: Solid
Analysis Batch: 30824

Client Sample ID: C-206
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	165		249	417.7		mg/Kg		102	90 - 110		

Lab Sample ID: 880-17204-206 MSD
Matrix: Solid
Analysis Batch: 30824

Client Sample ID: C-206
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	165		249	417.3		mg/Kg		102	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA

Prep Batch: 30293

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30293/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 30500

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-19	C-19 1'	Total/NA	Solid	8021B	30591
880-17204-20	C-20 2'	Total/NA	Solid	8021B	30591
880-17204-21	C-21 2'	Total/NA	Solid	8021B	30591
880-17204-22	C-22 2'	Total/NA	Solid	8021B	30591
880-17204-24	C-24 2'	Total/NA	Solid	8021B	30591
880-17204-25	C-25 2'	Total/NA	Solid	8021B	30591
880-17204-26	C-26 2'	Total/NA	Solid	8021B	30591
880-17204-27	C-27 2'	Total/NA	Solid	8021B	30591
880-17204-28	C-28 2'	Total/NA	Solid	8021B	30591
MB 880-30293/5-A	Method Blank	Total/NA	Solid	8021B	30293
MB 880-30591/5-A	Method Blank	Total/NA	Solid	8021B	30591
LCS 880-30591/1-A	Lab Control Sample	Total/NA	Solid	8021B	30591
LCSD 880-30591/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30591
880-17204-19 MS	C-19 1'	Total/NA	Solid	8021B	30591
880-17204-19 MSD	C-19 1'	Total/NA	Solid	8021B	30591

Prep Batch: 30580

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-7	C-7 1.5'	Total/NA	Solid	5035	
880-17204-8	C-8 1.5'	Total/NA	Solid	5035	
880-17204-9	C-9 1.5'	Total/NA	Solid	5035	
880-17204-10	C-10 1.5'	Total/NA	Solid	5035	
MB 880-30580/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30580/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30580/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 30589

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-1	C-1 1.5'	Total/NA	Solid	5035	
880-17204-4	C-4 1.5'	Total/NA	Solid	5035	
MB 880-30589/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30589/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30589/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 30591

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-19	C-19 1'	Total/NA	Solid	5035	
880-17204-20	C-20 2'	Total/NA	Solid	5035	
880-17204-21	C-21 2'	Total/NA	Solid	5035	
880-17204-22	C-22 2'	Total/NA	Solid	5035	
880-17204-24	C-24 2'	Total/NA	Solid	5035	
880-17204-25	C-25 2'	Total/NA	Solid	5035	
880-17204-26	C-26 2'	Total/NA	Solid	5035	
880-17204-27	C-27 2'	Total/NA	Solid	5035	
880-17204-28	C-28 2'	Total/NA	Solid	5035	
MB 880-30591/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30591/1-A	Lab Control Sample	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Prep Batch: 30591 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-30591/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-19 MS	C-19 1'	Total/NA	Solid	5035	
880-17204-19 MSD	C-19 1'	Total/NA	Solid	5035	

Prep Batch: 30592

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-39	C-39 0-2'	Total/NA	Solid	5035	
880-17204-40	C-40 0-2'	Total/NA	Solid	5035	
880-17204-41	C-41 0-2'	Total/NA	Solid	5035	
880-17204-42	C-42 0-2'	Total/NA	Solid	5035	
880-17204-43	C-43 0-2'	Total/NA	Solid	5035	
880-17204-44	C-44 0-1.5'	Total/NA	Solid	5035	
880-17204-45	C-45 2	Total/NA	Solid	5035	
880-17204-46	C-46 2	Total/NA	Solid	5035	
880-17204-47	C-47 2	Total/NA	Solid	5035	
880-17204-48	C-48 2	Total/NA	Solid	5035	
880-17204-49	C-49 2	Total/NA	Solid	5035	
880-17204-50	C-50 2	Total/NA	Solid	5035	
880-17204-51	C-51 2	Total/NA	Solid	5035	
880-17204-52	C-52 2	Total/NA	Solid	5035	
880-17204-53	C-53 2	Total/NA	Solid	5035	
880-17204-54	C-54 2	Total/NA	Solid	5035	
880-17204-55	C-55 2	Total/NA	Solid	5035	
880-17204-56	C-56 2	Total/NA	Solid	5035	
880-17204-57	C-57 2	Total/NA	Solid	5035	
880-17204-58	C-58 2	Total/NA	Solid	5035	
MB 880-30592/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30592/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30592/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-39 MS	C-39 0-2'	Total/NA	Solid	5035	
880-17204-39 MSD	C-39 0-2'	Total/NA	Solid	5035	

Prep Batch: 30595

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-59	C-59 2	Total/NA	Solid	5035	
880-17204-60	C-60 2	Total/NA	Solid	5035	
880-17204-61	C-61 2'	Total/NA	Solid	5035	
880-17204-62	C-62 2'	Total/NA	Solid	5035	
880-17204-63	C-63 2'	Total/NA	Solid	5035	
880-17204-64	C-64 2'	Total/NA	Solid	5035	
880-17204-65	C-65 2'	Total/NA	Solid	5035	
880-17204-66	C-66 2'	Total/NA	Solid	5035	
880-17204-67	C-67 2'	Total/NA	Solid	5035	
880-17204-68	C-68 2'	Total/NA	Solid	5035	
880-17204-69	C-69 2'	Total/NA	Solid	5035	
880-17204-70	C-70 2'	Total/NA	Solid	5035	
880-17204-71	C-71 2'	Total/NA	Solid	5035	
880-17204-72	C-72 2'	Total/NA	Solid	5035	
880-17204-73	C-73 2'	Total/NA	Solid	5035	
880-17204-74	C-74 2'	Total/NA	Solid	5035	
880-17204-75	C-75 2'	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Prep Batch: 30595 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-76	C-76 2'	Total/NA	Solid	5035	
880-17204-77	C-77 2'	Total/NA	Solid	5035	
880-17204-78	C-78 2'	Total/NA	Solid	5035	
MB 880-30595/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30595/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30595/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-59 MS	C-59 2	Total/NA	Solid	5035	
880-17204-59 MSD	C-59 2	Total/NA	Solid	5035	

Prep Batch: 30596

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-79	C-79 2'	Total/NA	Solid	5035	
880-17204-80	C-80 2'	Total/NA	Solid	5035	
880-17204-81	C-81 2'	Total/NA	Solid	5035	
880-17204-82	C-82 2'	Total/NA	Solid	5035	
880-17204-83	C-83 2'	Total/NA	Solid	5035	
880-17204-84	C-84 2'	Total/NA	Solid	5035	
880-17204-85	C-85 2'	Total/NA	Solid	5035	
880-17204-86	C-86 2'	Total/NA	Solid	5035	
880-17204-87	C-87 2'	Total/NA	Solid	5035	
880-17204-88	C-88 2'	Total/NA	Solid	5035	
880-17204-89	C-89 2'	Total/NA	Solid	5035	
880-17204-90	C-90 2'	Total/NA	Solid	5035	
880-17204-91	C-91 2'	Total/NA	Solid	5035	
880-17204-92	C-92 2'	Total/NA	Solid	5035	
880-17204-93	C-93 2'	Total/NA	Solid	5035	
880-17204-94	C-94 2'	Total/NA	Solid	5035	
880-17204-95	C-95 2'	Total/NA	Solid	5035	
880-17204-96	C-96 2'	Total/NA	Solid	5035	
880-17204-97	C-97 2'	Total/NA	Solid	5035	
880-17204-98	C-98 2'	Total/NA	Solid	5035	
MB 880-30596/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30596/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30596/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-79 MS	C-79 2'	Total/NA	Solid	5035	
880-17204-79 MSD	C-79 2'	Total/NA	Solid	5035	

Prep Batch: 30665

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30665/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 30668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30668/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 30669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30669/5-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA

Prep Batch: 30678

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30678/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30678/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30678/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 30687

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30687/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 30703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-99	C-99 2'	Total/NA	Solid	5035	
880-17204-100	C-100 2'	Total/NA	Solid	5035	
880-17204-101	C-101 2'	Total/NA	Solid	5035	
880-17204-102	C-102 2'	Total/NA	Solid	5035	
880-17204-103	C-103 2'	Total/NA	Solid	5035	
880-17204-104	C-104 2'	Total/NA	Solid	5035	
880-17204-105	C-105 2'	Total/NA	Solid	5035	
880-17204-106	C-106 2'	Total/NA	Solid	5035	
880-17204-107	C-107 2'	Total/NA	Solid	5035	
880-17204-108	C-108 2'	Total/NA	Solid	5035	
880-17204-109	C-109 2'	Total/NA	Solid	5035	
880-17204-110	C-110 2'	Total/NA	Solid	5035	
880-17204-111	C-111 2'	Total/NA	Solid	5035	
880-17204-112	C-112 2'	Total/NA	Solid	5035	
880-17204-113	C-113 2'	Total/NA	Solid	5035	
880-17204-114	C-114 2'	Total/NA	Solid	5035	
880-17204-115	C-115 2'	Total/NA	Solid	5035	
880-17204-116	C-116 2'	Total/NA	Solid	5035	
880-17204-117	C-117 0-2'	Total/NA	Solid	5035	
880-17204-118	C-118 0-2'	Total/NA	Solid	5035	
MB 880-30703/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30703/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30703/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-99 MS	C-99 2'	Total/NA	Solid	5035	
880-17204-99 MSD	C-99 2'	Total/NA	Solid	5035	

Prep Batch: 30704

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-119	C-119 0-2'	Total/NA	Solid	5035	
880-17204-120	C-120 0-2'	Total/NA	Solid	5035	
880-17204-121	C-121 0-2'	Total/NA	Solid	5035	
880-17204-122	C-122 0-2'	Total/NA	Solid	5035	
880-17204-123	C-123 2.5	Total/NA	Solid	5035	
880-17204-124	C-124 2.5	Total/NA	Solid	5035	
880-17204-125	C-125 2.5	Total/NA	Solid	5035	
880-17204-126	C-126 2.5	Total/NA	Solid	5035	
880-17204-127	C-127 2.5	Total/NA	Solid	5035	
880-17204-128	C-128 2.5	Total/NA	Solid	5035	
880-17204-129	C-129 2.5	Total/NA	Solid	5035	
880-17204-130	C-130 2.5	Total/NA	Solid	5035	
880-17204-131	C-131 2.5	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Prep Batch: 30704 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-132	C-132 2.5	Total/NA	Solid	5035	
880-17204-133	C-133 2.5	Total/NA	Solid	5035	
880-17204-134	C-134 2.5	Total/NA	Solid	5035	
880-17204-135	C-135 2.5	Total/NA	Solid	5035	
880-17204-136	C-136 2.5	Total/NA	Solid	5035	
880-17204-137	C-137 2.5	Total/NA	Solid	5035	
880-17204-138	C-138 2.5	Total/NA	Solid	5035	
MB 880-30704/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30704/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30704/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-119 MS	C-119 0-2'	Total/NA	Solid	5035	
880-17204-119 MSD	C-119 0-2'	Total/NA	Solid	5035	

Prep Batch: 30705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-139	C-139 2.5	Total/NA	Solid	5035	
880-17204-140	C-140 1.5	Total/NA	Solid	5035	
880-17204-141	C-141 1.5	Total/NA	Solid	5035	
880-17204-142	C-142 1.5	Total/NA	Solid	5035	
880-17204-143	C-143 1.5	Total/NA	Solid	5035	
880-17204-144	C-144 1.5	Total/NA	Solid	5035	
880-17204-145	C-145 1.5	Total/NA	Solid	5035	
880-17204-146	C-146 1.5	Total/NA	Solid	5035	
880-17204-147	C-147 1.5	Total/NA	Solid	5035	
880-17204-148	C-148 1.5	Total/NA	Solid	5035	
880-17204-149	C-149 1.5	Total/NA	Solid	5035	
880-17204-150	C-150 1.5	Total/NA	Solid	5035	
880-17204-151	C-151 1.5	Total/NA	Solid	5035	
880-17204-152	C-152 1.5	Total/NA	Solid	5035	
880-17204-153	C-153 1.5	Total/NA	Solid	5035	
880-17204-154	C-154 1.5	Total/NA	Solid	5035	
880-17204-155	C-155 1.5	Total/NA	Solid	5035	
880-17204-156	C-156 1.5	Total/NA	Solid	5035	
880-17204-157	C-157 1.5	Total/NA	Solid	5035	
880-17204-158	C-158 1.5	Total/NA	Solid	5035	
MB 880-30705/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30705/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30705/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-139 MS	C-139 2.5	Total/NA	Solid	5035	
880-17204-139 MSD	C-139 2.5	Total/NA	Solid	5035	

Prep Batch: 30706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-159	C-159 1.5	Total/NA	Solid	5035	
880-17204-160	C-160 1.5	Total/NA	Solid	5035	
880-17204-161	C-161 1.5	Total/NA	Solid	5035	
880-17204-162	C-162 1.5	Total/NA	Solid	5035	
880-17204-163	C-163 1.5	Total/NA	Solid	5035	
880-17204-164	C-164 0-2.5	Total/NA	Solid	5035	
880-17204-165	C-165 0-2.5	Total/NA	Solid	5035	
880-17204-166	C-166 0-2.5'	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Prep Batch: 30706 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-167	C-167 0-2.5'	Total/NA	Solid	5035	
880-17204-168	C-168 0-2.5'	Total/NA	Solid	5035	
880-17204-169	C-169 0-1.5'	Total/NA	Solid	5035	
880-17204-170	C-170 0-1.5'	Total/NA	Solid	5035	
880-17204-171	C-171 0-1.5'	Total/NA	Solid	5035	
880-17204-172	C-172 0-1.5'	Total/NA	Solid	5035	
880-17204-173	C-173 0-1.5'	Total/NA	Solid	5035	
880-17204-174	C-174 4'	Total/NA	Solid	5035	
880-17204-175	C-175 4'	Total/NA	Solid	5035	
880-17204-176	C-176 4'	Total/NA	Solid	5035	
880-17204-177	C-177 4'	Total/NA	Solid	5035	
880-17204-178	C-178 4'	Total/NA	Solid	5035	
MB 880-30706/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30706/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30706/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-159 MS	C-159 1.5	Total/NA	Solid	5035	
880-17204-159 MSD	C-159 1.5	Total/NA	Solid	5035	

Prep Batch: 30707

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-179	C-179 4'	Total/NA	Solid	5035	
880-17204-180	C-180 4'	Total/NA	Solid	5035	
880-17204-181	C-181 4'	Total/NA	Solid	5035	
880-17204-182	C-182 4'	Total/NA	Solid	5035	
880-17204-183	C-183 4'	Total/NA	Solid	5035	
880-17204-184	C-184 4'	Total/NA	Solid	5035	
880-17204-185	C-185 4'	Total/NA	Solid	5035	
880-17204-186	C-186 4'	Total/NA	Solid	5035	
880-17204-187	C-187 4'	Total/NA	Solid	5035	
880-17204-188	C-188 4'	Total/NA	Solid	5035	
880-17204-189	C-189 4'	Total/NA	Solid	5035	
880-17204-190	C-190 4'	Total/NA	Solid	5035	
880-17204-191	C-191 4'	Total/NA	Solid	5035	
880-17204-192	C-192 4'	Total/NA	Solid	5035	
880-17204-193	C-193 4'	Total/NA	Solid	5035	
880-17204-194	C-194 4'	Total/NA	Solid	5035	
880-17204-195	C-195 4'	Total/NA	Solid	5035	
880-17204-196	C-196	Total/NA	Solid	5035	
880-17204-197	C-197	Total/NA	Solid	5035	
880-17204-198	C-198	Total/NA	Solid	5035	
MB 880-30707/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30707/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30707/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-179 MS	C-179 4'	Total/NA	Solid	5035	
880-17204-179 MSD	C-179 4'	Total/NA	Solid	5035	

Prep Batch: 30708

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-199	C-199	Total/NA	Solid	5035	
880-17204-200	C-200	Total/NA	Solid	5035	
880-17204-201	C-201	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Prep Batch: 30708 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-202	C-202	Total/NA	Solid	5035	
880-17204-203	C-203	Total/NA	Solid	5035	
880-17204-204	C-204	Total/NA	Solid	5035	
880-17204-205	C-205	Total/NA	Solid	5035	
880-17204-206	C-206	Total/NA	Solid	5035	
880-17204-207	C-207	Total/NA	Solid	5035	
880-17204-208	C-208	Total/NA	Solid	5035	
880-17204-209	C-209	Total/NA	Solid	5035	
880-17204-210	C-210	Total/NA	Solid	5035	
880-17204-211	C-211 4'	Total/NA	Solid	5035	
880-17204-212	C-212 4'	Total/NA	Solid	5035	
880-17204-213	C-213 4'	Total/NA	Solid	5035	
880-17204-214	C-214 4'	Total/NA	Solid	5035	
880-17204-215	C-215 4'	Total/NA	Solid	5035	
880-17204-216	C-216 4'	Total/NA	Solid	5035	
880-17204-217	C-217 4'	Total/NA	Solid	5035	
880-17204-218	C-218 4'	Total/NA	Solid	5035	
MB 880-30708/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30708/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30708/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-199 MS	C-199	Total/NA	Solid	5035	
880-17204-199 MSD	C-199	Total/NA	Solid	5035	

Prep Batch: 30709

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-30	C-30 2'	Total/NA	Solid	5035	
880-17204-31	C-31 2'	Total/NA	Solid	5035	
880-17204-32	C-32 2'	Total/NA	Solid	5035	
880-17204-33	C-33 2'	Total/NA	Solid	5035	
MB 880-30709/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30709/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30709/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 30747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-30	C-30 2'	Total/NA	Solid	8021B	30709
880-17204-31	C-31 2'	Total/NA	Solid	8021B	30709
880-17204-32	C-32 2'	Total/NA	Solid	8021B	30709
880-17204-33	C-33 2'	Total/NA	Solid	8021B	30709
MB 880-30709/5-A	Method Blank	Total/NA	Solid	8021B	30709
MB 880-30794/5-A	Method Blank	Total/NA	Solid	8021B	30794
LCS 880-30709/1-A	Lab Control Sample	Total/NA	Solid	8021B	30709
LCS 880-30794/1-A	Lab Control Sample	Total/NA	Solid	8021B	30794
LCSD 880-30709/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30709
LCSD 880-30794/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30794

Analysis Batch: 30748

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-29	C-29 2'	Total/NA	Solid	8021B	30796
880-17204-35	C-35 2'	Total/NA	Solid	8021B	30796
880-17204-36	C- 36 0-1.5'	Total/NA	Solid	8021B	30796

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 30748 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-37	C-37 0-2'	Total/NA	Solid	8021B	30796
880-17204-38	C-38 0-2'	Total/NA	Solid	8021B	30796
MB 880-30665/5-A	Method Blank	Total/NA	Solid	8021B	30665
MB 880-30796/5-A	Method Blank	Total/NA	Solid	8021B	30796
LCS 880-30796/1-A	Lab Control Sample	Total/NA	Solid	8021B	30796
LCSD 880-30796/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30796

Analysis Batch: 30792

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-1	C-1 1.5'	Total/NA	Solid	Total BTEX	
880-17204-2	C-2 1.5'	Total/NA	Solid	Total BTEX	
880-17204-3	C-3 1.5'	Total/NA	Solid	Total BTEX	
880-17204-4	C-4 1.5'	Total/NA	Solid	Total BTEX	
880-17204-5	C-5 1.5'	Total/NA	Solid	Total BTEX	
880-17204-6	C-6 1.5'	Total/NA	Solid	Total BTEX	
880-17204-7	C-7 1.5'	Total/NA	Solid	Total BTEX	
880-17204-8	C-8 1.5'	Total/NA	Solid	Total BTEX	
880-17204-9	C-9 1.5'	Total/NA	Solid	Total BTEX	
880-17204-10	C-10 1.5'	Total/NA	Solid	Total BTEX	
880-17204-11	C-11 1.5'	Total/NA	Solid	Total BTEX	
880-17204-12	C-12 1.5'	Total/NA	Solid	Total BTEX	
880-17204-13	C-13 2'	Total/NA	Solid	Total BTEX	
880-17204-14	C-14 2'	Total/NA	Solid	Total BTEX	
880-17204-15	C-15 2'	Total/NA	Solid	Total BTEX	
880-17204-16	C-16 1'	Total/NA	Solid	Total BTEX	
880-17204-17	C-17 1'	Total/NA	Solid	Total BTEX	
880-17204-18	C-18 1'	Total/NA	Solid	Total BTEX	
880-17204-19	C-19 1'	Total/NA	Solid	Total BTEX	
880-17204-20	C-20 2'	Total/NA	Solid	Total BTEX	
880-17204-21	C-21 2'	Total/NA	Solid	Total BTEX	
880-17204-22	C-22 2'	Total/NA	Solid	Total BTEX	
880-17204-23	C-23 2'	Total/NA	Solid	Total BTEX	
880-17204-24	C-24 2'	Total/NA	Solid	Total BTEX	
880-17204-25	C-25 2'	Total/NA	Solid	Total BTEX	
880-17204-26	C-26 2'	Total/NA	Solid	Total BTEX	
880-17204-27	C-27 2'	Total/NA	Solid	Total BTEX	
880-17204-28	C-28 2'	Total/NA	Solid	Total BTEX	
880-17204-29	C-29 2'	Total/NA	Solid	Total BTEX	
880-17204-30	C-30 2'	Total/NA	Solid	Total BTEX	
880-17204-31	C-31 2'	Total/NA	Solid	Total BTEX	
880-17204-32	C-32 2'	Total/NA	Solid	Total BTEX	
880-17204-33	C-33 2'	Total/NA	Solid	Total BTEX	
880-17204-34	C-34 2'	Total/NA	Solid	Total BTEX	
880-17204-35	C-35 2'	Total/NA	Solid	Total BTEX	
880-17204-36	C- 36 0-1.5'	Total/NA	Solid	Total BTEX	
880-17204-37	C-37 0-2'	Total/NA	Solid	Total BTEX	
880-17204-38	C-38 0-2'	Total/NA	Solid	Total BTEX	
880-17204-39	C-39 0-2'	Total/NA	Solid	Total BTEX	
880-17204-40	C-40 0-2'	Total/NA	Solid	Total BTEX	
880-17204-41	C-41 0-2'	Total/NA	Solid	Total BTEX	
880-17204-42	C-42 0-2'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 30792 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-43	C-43 0-2'	Total/NA	Solid	Total BTEX	
880-17204-44	C-44 0-1.5'	Total/NA	Solid	Total BTEX	
880-17204-45	C-45 2	Total/NA	Solid	Total BTEX	
880-17204-46	C-46 2	Total/NA	Solid	Total BTEX	
880-17204-47	C-47 2	Total/NA	Solid	Total BTEX	
880-17204-48	C-48 2	Total/NA	Solid	Total BTEX	
880-17204-49	C-49 2	Total/NA	Solid	Total BTEX	
880-17204-50	C-50 2	Total/NA	Solid	Total BTEX	
880-17204-51	C-51 2	Total/NA	Solid	Total BTEX	
880-17204-52	C-52 2	Total/NA	Solid	Total BTEX	
880-17204-53	C-53 2	Total/NA	Solid	Total BTEX	
880-17204-54	C-54 2	Total/NA	Solid	Total BTEX	
880-17204-55	C-55 2	Total/NA	Solid	Total BTEX	
880-17204-56	C-56 2	Total/NA	Solid	Total BTEX	
880-17204-57	C-57 2	Total/NA	Solid	Total BTEX	
880-17204-58	C-58 2	Total/NA	Solid	Total BTEX	
880-17204-59	C-59 2	Total/NA	Solid	Total BTEX	
880-17204-60	C-60 2	Total/NA	Solid	Total BTEX	
880-17204-61	C-61 2'	Total/NA	Solid	Total BTEX	
880-17204-62	C-62 2'	Total/NA	Solid	Total BTEX	
880-17204-63	C-63 2'	Total/NA	Solid	Total BTEX	
880-17204-64	C-64 2'	Total/NA	Solid	Total BTEX	
880-17204-65	C-65 2'	Total/NA	Solid	Total BTEX	
880-17204-66	C-66 2'	Total/NA	Solid	Total BTEX	
880-17204-67	C-67 2'	Total/NA	Solid	Total BTEX	
880-17204-68	C-68 2'	Total/NA	Solid	Total BTEX	
880-17204-69	C-69 2'	Total/NA	Solid	Total BTEX	
880-17204-70	C-70 2'	Total/NA	Solid	Total BTEX	
880-17204-71	C-71 2'	Total/NA	Solid	Total BTEX	
880-17204-72	C-72 2'	Total/NA	Solid	Total BTEX	
880-17204-73	C-73 2'	Total/NA	Solid	Total BTEX	
880-17204-74	C-74 2'	Total/NA	Solid	Total BTEX	
880-17204-75	C-75 2'	Total/NA	Solid	Total BTEX	
880-17204-76	C-76 2'	Total/NA	Solid	Total BTEX	
880-17204-77	C-77 2'	Total/NA	Solid	Total BTEX	
880-17204-78	C-78 2'	Total/NA	Solid	Total BTEX	
880-17204-79	C-79 2'	Total/NA	Solid	Total BTEX	
880-17204-80	C-80 2'	Total/NA	Solid	Total BTEX	
880-17204-81	C-81 2'	Total/NA	Solid	Total BTEX	
880-17204-82	C-82 2'	Total/NA	Solid	Total BTEX	
880-17204-83	C-83 2'	Total/NA	Solid	Total BTEX	
880-17204-84	C-84 2'	Total/NA	Solid	Total BTEX	
880-17204-85	C-85 2'	Total/NA	Solid	Total BTEX	
880-17204-86	C-86 2'	Total/NA	Solid	Total BTEX	
880-17204-87	C-87 2'	Total/NA	Solid	Total BTEX	
880-17204-88	C-88 2'	Total/NA	Solid	Total BTEX	
880-17204-89	C-89 2'	Total/NA	Solid	Total BTEX	
880-17204-90	C-90 2'	Total/NA	Solid	Total BTEX	
880-17204-91	C-91 2'	Total/NA	Solid	Total BTEX	
880-17204-92	C-92 2'	Total/NA	Solid	Total BTEX	
880-17204-93	C-93 2'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 30792 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-94	C-94 2'	Total/NA	Solid	Total BTEX	
880-17204-95	C-95 2'	Total/NA	Solid	Total BTEX	
880-17204-96	C-96 2'	Total/NA	Solid	Total BTEX	
880-17204-97	C-97 2'	Total/NA	Solid	Total BTEX	
880-17204-98	C-98 2'	Total/NA	Solid	Total BTEX	
880-17204-99	C-99 2'	Total/NA	Solid	Total BTEX	
880-17204-100	C-100 2'	Total/NA	Solid	Total BTEX	
880-17204-101	C-101 2'	Total/NA	Solid	Total BTEX	
880-17204-102	C-102 2'	Total/NA	Solid	Total BTEX	
880-17204-103	C-103 2'	Total/NA	Solid	Total BTEX	
880-17204-104	C-104 2'	Total/NA	Solid	Total BTEX	
880-17204-105	C-105 2'	Total/NA	Solid	Total BTEX	
880-17204-106	C-106 2'	Total/NA	Solid	Total BTEX	
880-17204-107	C-107 2'	Total/NA	Solid	Total BTEX	
880-17204-108	C-108 2'	Total/NA	Solid	Total BTEX	
880-17204-109	C-109 2'	Total/NA	Solid	Total BTEX	
880-17204-110	C-110 2'	Total/NA	Solid	Total BTEX	
880-17204-111	C-111 2'	Total/NA	Solid	Total BTEX	
880-17204-112	C-112 2'	Total/NA	Solid	Total BTEX	
880-17204-113	C-113 2'	Total/NA	Solid	Total BTEX	
880-17204-114	C-114 2'	Total/NA	Solid	Total BTEX	
880-17204-115	C-115 2'	Total/NA	Solid	Total BTEX	
880-17204-116	C-116 2'	Total/NA	Solid	Total BTEX	
880-17204-117	C-117 0-2'	Total/NA	Solid	Total BTEX	
880-17204-118	C-118 0-2'	Total/NA	Solid	Total BTEX	
880-17204-119	C-119 0-2'	Total/NA	Solid	Total BTEX	
880-17204-120	C-120 0-2'	Total/NA	Solid	Total BTEX	
880-17204-121	C-121 0-2'	Total/NA	Solid	Total BTEX	
880-17204-122	C-122 0-2'	Total/NA	Solid	Total BTEX	
880-17204-123	C-123 2.5	Total/NA	Solid	Total BTEX	
880-17204-124	C-124 2.5	Total/NA	Solid	Total BTEX	
880-17204-125	C-125 2.5	Total/NA	Solid	Total BTEX	
880-17204-126	C-126 2.5	Total/NA	Solid	Total BTEX	
880-17204-127	C-127 2.5	Total/NA	Solid	Total BTEX	
880-17204-128	C-128 2.5	Total/NA	Solid	Total BTEX	
880-17204-129	C-129 2.5	Total/NA	Solid	Total BTEX	
880-17204-130	C-130 2.5	Total/NA	Solid	Total BTEX	
880-17204-131	C-131 2.5	Total/NA	Solid	Total BTEX	
880-17204-132	C-132 2.5	Total/NA	Solid	Total BTEX	
880-17204-133	C-133 2.5	Total/NA	Solid	Total BTEX	
880-17204-134	C-134 2.5	Total/NA	Solid	Total BTEX	
880-17204-135	C-135 2.5	Total/NA	Solid	Total BTEX	
880-17204-136	C-136 2.5	Total/NA	Solid	Total BTEX	
880-17204-137	C-137 2.5	Total/NA	Solid	Total BTEX	
880-17204-138	C-138 2.5	Total/NA	Solid	Total BTEX	
880-17204-139	C-139 2.5	Total/NA	Solid	Total BTEX	
880-17204-140	C-140 1.5	Total/NA	Solid	Total BTEX	
880-17204-141	C-141 1.5	Total/NA	Solid	Total BTEX	
880-17204-142	C-142 1.5	Total/NA	Solid	Total BTEX	
880-17204-143	C-143 1.5	Total/NA	Solid	Total BTEX	
880-17204-144	C-144 1.5	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 30792 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-145	C-145 1.5	Total/NA	Solid	Total BTEX	
880-17204-146	C-146 1.5	Total/NA	Solid	Total BTEX	
880-17204-147	C-147 1.5	Total/NA	Solid	Total BTEX	
880-17204-148	C-148 1.5	Total/NA	Solid	Total BTEX	
880-17204-149	C-149 1.5	Total/NA	Solid	Total BTEX	
880-17204-150	C-150 1.5	Total/NA	Solid	Total BTEX	
880-17204-151	C-151 1.5	Total/NA	Solid	Total BTEX	
880-17204-152	C-152 1.5	Total/NA	Solid	Total BTEX	
880-17204-153	C-153 1.5	Total/NA	Solid	Total BTEX	
880-17204-154	C-154 1.5	Total/NA	Solid	Total BTEX	
880-17204-155	C-155 1.5	Total/NA	Solid	Total BTEX	
880-17204-156	C-156 1.5	Total/NA	Solid	Total BTEX	
880-17204-157	C-157 1.5	Total/NA	Solid	Total BTEX	
880-17204-158	C-158 1.5	Total/NA	Solid	Total BTEX	
880-17204-159	C-159 1.5	Total/NA	Solid	Total BTEX	
880-17204-160	C-160 1.5	Total/NA	Solid	Total BTEX	
880-17204-161	C-161 1.5	Total/NA	Solid	Total BTEX	
880-17204-162	C-162 1.5	Total/NA	Solid	Total BTEX	
880-17204-163	C-163 1.5	Total/NA	Solid	Total BTEX	
880-17204-164	C-164 0-2.5	Total/NA	Solid	Total BTEX	
880-17204-165	C-165 0-2.5	Total/NA	Solid	Total BTEX	
880-17204-166	C-166 0-2.5'	Total/NA	Solid	Total BTEX	
880-17204-167	C-167 0-2.5'	Total/NA	Solid	Total BTEX	
880-17204-168	C-168 0-2.5'	Total/NA	Solid	Total BTEX	
880-17204-169	C-169 0-1.5'	Total/NA	Solid	Total BTEX	
880-17204-170	C-170 0-1.5'	Total/NA	Solid	Total BTEX	
880-17204-171	C-171 0-1.5'	Total/NA	Solid	Total BTEX	
880-17204-172	C-172 0-1.5'	Total/NA	Solid	Total BTEX	
880-17204-173	C-173 0-1.5'	Total/NA	Solid	Total BTEX	
880-17204-174	C-174 4'	Total/NA	Solid	Total BTEX	
880-17204-175	C-175 4'	Total/NA	Solid	Total BTEX	
880-17204-176	C-176 4'	Total/NA	Solid	Total BTEX	
880-17204-177	C-177 4'	Total/NA	Solid	Total BTEX	
880-17204-178	C-178 4'	Total/NA	Solid	Total BTEX	
880-17204-179	C-179 4'	Total/NA	Solid	Total BTEX	
880-17204-180	C-180 4'	Total/NA	Solid	Total BTEX	
880-17204-181	C-181 4'	Total/NA	Solid	Total BTEX	
880-17204-182	C-182 4'	Total/NA	Solid	Total BTEX	
880-17204-183	C-183 4'	Total/NA	Solid	Total BTEX	
880-17204-184	C-184 4'	Total/NA	Solid	Total BTEX	
880-17204-185	C-185 4'	Total/NA	Solid	Total BTEX	
880-17204-186	C-186 4'	Total/NA	Solid	Total BTEX	
880-17204-187	C-187 4'	Total/NA	Solid	Total BTEX	
880-17204-188	C-188 4'	Total/NA	Solid	Total BTEX	
880-17204-189	C-189 4'	Total/NA	Solid	Total BTEX	
880-17204-190	C-190 4'	Total/NA	Solid	Total BTEX	
880-17204-191	C-191 4'	Total/NA	Solid	Total BTEX	
880-17204-192	C-192 4'	Total/NA	Solid	Total BTEX	
880-17204-193	C-193 4'	Total/NA	Solid	Total BTEX	
880-17204-194	C-194 4'	Total/NA	Solid	Total BTEX	
880-17204-195	C-195 4'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 30792 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-196	C-196	Total/NA	Solid	Total BTEX	
880-17204-197	C-197	Total/NA	Solid	Total BTEX	
880-17204-198	C-198	Total/NA	Solid	Total BTEX	
880-17204-199	C-199	Total/NA	Solid	Total BTEX	
880-17204-200	C-200	Total/NA	Solid	Total BTEX	
880-17204-201	C-201	Total/NA	Solid	Total BTEX	
880-17204-202	C-202	Total/NA	Solid	Total BTEX	
880-17204-203	C-203	Total/NA	Solid	Total BTEX	
880-17204-204	C-204	Total/NA	Solid	Total BTEX	
880-17204-205	C-205	Total/NA	Solid	Total BTEX	
880-17204-206	C-206	Total/NA	Solid	Total BTEX	
880-17204-207	C-207	Total/NA	Solid	Total BTEX	
880-17204-208	C-208	Total/NA	Solid	Total BTEX	
880-17204-209	C-209	Total/NA	Solid	Total BTEX	
880-17204-210	C-210	Total/NA	Solid	Total BTEX	
880-17204-211	C-211 4'	Total/NA	Solid	Total BTEX	
880-17204-212	C-212 4'	Total/NA	Solid	Total BTEX	
880-17204-213	C-213 4'	Total/NA	Solid	Total BTEX	
880-17204-214	C-214 4'	Total/NA	Solid	Total BTEX	
880-17204-215	C-215 4'	Total/NA	Solid	Total BTEX	
880-17204-216	C-216 4'	Total/NA	Solid	Total BTEX	
880-17204-217	C-217 4'	Total/NA	Solid	Total BTEX	
880-17204-218	C-218 4'	Total/NA	Solid	Total BTEX	
880-17204-219	C-219 4'	Total/NA	Solid	Total BTEX	
880-17204-220	C-220 4'	Total/NA	Solid	Total BTEX	
880-17204-221	C-221 0-4'	Total/NA	Solid	Total BTEX	
880-17204-222	C-222 0-4'	Total/NA	Solid	Total BTEX	
880-17204-223	C-223 0-4'	Total/NA	Solid	Total BTEX	
880-17204-224	C-224 0-4'	Total/NA	Solid	Total BTEX	
880-17204-225	C-225 0-4'	Total/NA	Solid	Total BTEX	
880-17204-226	C-226 0-4'	Total/NA	Solid	Total BTEX	
880-17204-227	C-227 0-4'	Total/NA	Solid	Total BTEX	
880-17204-228	C-228 0-4'	Total/NA	Solid	Total BTEX	
880-17204-229	C-229 0-4'	Total/NA	Solid	Total BTEX	
880-17204-230	C-230 0-4'	Total/NA	Solid	Total BTEX	

Prep Batch: 30794

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30794/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30794/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30794/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 30796

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-29	C-29 2'	Total/NA	Solid	5035	
880-17204-35	C-35 2'	Total/NA	Solid	5035	
880-17204-36	C- 36 0-1.5'	Total/NA	Solid	5035	
880-17204-37	C-37 0-2'	Total/NA	Solid	5035	
880-17204-38	C-38 0-2'	Total/NA	Solid	5035	
MB 880-30796/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30796/1-A	Lab Control Sample	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Prep Batch: 30796 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-30796/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 30856

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-7	C-7 1.5'	Total/NA	Solid	8021B	30580
880-17204-8	C-8 1.5'	Total/NA	Solid	8021B	30580
880-17204-9	C-9 1.5'	Total/NA	Solid	8021B	30580
880-17204-10	C-10 1.5'	Total/NA	Solid	8021B	30580
MB 880-30580/5-A	Method Blank	Total/NA	Solid	8021B	30580
LCS 880-30580/1-A	Lab Control Sample	Total/NA	Solid	8021B	30580
LCSD 880-30580/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30580

Analysis Batch: 30859

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-1	C-1 1.5'	Total/NA	Solid	8021B	30589
880-17204-4	C-4 1.5'	Total/NA	Solid	8021B	30589
MB 880-30589/5-A	Method Blank	Total/NA	Solid	8021B	30589
MB 880-30669/5-A	Method Blank	Total/NA	Solid	8021B	30669
LCS 880-30589/1-A	Lab Control Sample	Total/NA	Solid	8021B	30589
LCSD 880-30589/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30589

Prep Batch: 30893

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30893/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30893/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30893/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 30914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-219	C-219 4'	Total/NA	Solid	5035	
880-17204-220	C-220 4'	Total/NA	Solid	5035	
880-17204-221	C-221 0-4'	Total/NA	Solid	5035	
880-17204-222	C-222 0-4'	Total/NA	Solid	5035	
880-17204-223	C-223 0-4'	Total/NA	Solid	5035	
880-17204-224	C-224 0-4'	Total/NA	Solid	5035	
880-17204-225	C-225 0-4'	Total/NA	Solid	5035	
880-17204-226	C-226 0-4'	Total/NA	Solid	5035	
880-17204-227	C-227 0-4'	Total/NA	Solid	5035	
880-17204-228	C-228 0-4'	Total/NA	Solid	5035	
880-17204-229	C-229 0-4'	Total/NA	Solid	5035	
880-17204-230	C-230 0-4'	Total/NA	Solid	5035	
MB 880-30914/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30914/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30914/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-17204-219 MS	C-219 4'	Total/NA	Solid	5035	
880-17204-219 MSD	C-219 4'	Total/NA	Solid	5035	

Analysis Batch: 30958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-79	C-79 2'	Total/NA	Solid	8021B	30596
880-17204-80	C-80 2'	Total/NA	Solid	8021B	30596

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 30958 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-81	C-81 2'	Total/NA	Solid	8021B	30596
880-17204-82	C-82 2'	Total/NA	Solid	8021B	30596
880-17204-83	C-83 2'	Total/NA	Solid	8021B	30596
880-17204-84	C-84 2'	Total/NA	Solid	8021B	30596
880-17204-85	C-85 2'	Total/NA	Solid	8021B	30596
880-17204-86	C-86 2'	Total/NA	Solid	8021B	30596
880-17204-87	C-87 2'	Total/NA	Solid	8021B	30596
880-17204-88	C-88 2'	Total/NA	Solid	8021B	30596
880-17204-89	C-89 2'	Total/NA	Solid	8021B	30596
880-17204-90	C-90 2'	Total/NA	Solid	8021B	30596
880-17204-91	C-91 2'	Total/NA	Solid	8021B	30596
880-17204-92	C-92 2'	Total/NA	Solid	8021B	30596
880-17204-93	C-93 2'	Total/NA	Solid	8021B	30596
880-17204-94	C-94 2'	Total/NA	Solid	8021B	30596
880-17204-95	C-95 2'	Total/NA	Solid	8021B	30596
880-17204-96	C-96 2'	Total/NA	Solid	8021B	30596
880-17204-97	C-97 2'	Total/NA	Solid	8021B	30596
880-17204-98	C-98 2'	Total/NA	Solid	8021B	30596
MB 880-30596/5-A	Method Blank	Total/NA	Solid	8021B	30596
MB 880-30668/5-A	Method Blank	Total/NA	Solid	8021B	30668
LCS 880-30596/1-A	Lab Control Sample	Total/NA	Solid	8021B	30596
LCSD 880-30596/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30596
880-17204-79 MS	C-79 2'	Total/NA	Solid	8021B	30596
880-17204-79 MSD	C-79 2'	Total/NA	Solid	8021B	30596

Analysis Batch: 30959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-16	C-16 1'	Total/NA	Solid	8021B	30988
880-17204-17	C-17 1'	Total/NA	Solid	8021B	30988
880-17204-18	C-18 1'	Total/NA	Solid	8021B	30988
MB 880-30988/5-A	Method Blank	Total/NA	Solid	8021B	30988
MB 880-31011/5-A	Method Blank	Total/NA	Solid	8021B	31011
LCS 880-30988/1-A	Lab Control Sample	Total/NA	Solid	8021B	30988
LCS 880-31011/1-A	Lab Control Sample	Total/NA	Solid	8021B	31011
LCSD 880-30988/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30988
LCSD 880-31011/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31011

Analysis Batch: 30960

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-2	C-2 1.5'	Total/NA	Solid	8021B	30977
880-17204-3	C-3 1.5'	Total/NA	Solid	8021B	30977
880-17204-5	C-5 1.5'	Total/NA	Solid	8021B	30977
880-17204-6	C-6 1.5'	Total/NA	Solid	8021B	30977
880-17204-11	C-11 1.5'	Total/NA	Solid	8021B	30977
880-17204-12	C-12 1.5'	Total/NA	Solid	8021B	30977
880-17204-13	C-13 2'	Total/NA	Solid	8021B	30977
880-17204-14	C-14 2'	Total/NA	Solid	8021B	30977
880-17204-15	C-15 2'	Total/NA	Solid	8021B	30977

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA

Prep Batch: 30977

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-2	C-2 1.5'	Total/NA	Solid	5035	
880-17204-3	C-3 1.5'	Total/NA	Solid	5035	
880-17204-5	C-5 1.5'	Total/NA	Solid	5035	
880-17204-6	C-6 1.5'	Total/NA	Solid	5035	
880-17204-11	C-11 1.5'	Total/NA	Solid	5035	
880-17204-12	C-12 1.5'	Total/NA	Solid	5035	
880-17204-13	C-13 2'	Total/NA	Solid	5035	
880-17204-14	C-14 2'	Total/NA	Solid	5035	
880-17204-15	C-15 2'	Total/NA	Solid	5035	

Prep Batch: 30988

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-16	C-16 1'	Total/NA	Solid	5035	
880-17204-17	C-17 1'	Total/NA	Solid	5035	
880-17204-18	C-18 1'	Total/NA	Solid	5035	
MB 880-30988/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-30988/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-30988/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 31011

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31011/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31011/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31011/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 31025

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31025/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 31046

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-59	C-59 2	Total/NA	Solid	8021B	30595
880-17204-60	C-60 2	Total/NA	Solid	8021B	30595
880-17204-61	C-61 2'	Total/NA	Solid	8021B	30595
880-17204-62	C-62 2'	Total/NA	Solid	8021B	30595
880-17204-63	C-63 2'	Total/NA	Solid	8021B	30595
880-17204-64	C-64 2'	Total/NA	Solid	8021B	30595
880-17204-65	C-65 2'	Total/NA	Solid	8021B	30595
880-17204-66	C-66 2'	Total/NA	Solid	8021B	30595
880-17204-67	C-67 2'	Total/NA	Solid	8021B	30595
880-17204-68	C-68 2'	Total/NA	Solid	8021B	30595
880-17204-69	C-69 2'	Total/NA	Solid	8021B	30595
880-17204-70	C-70 2'	Total/NA	Solid	8021B	30595
880-17204-71	C-71 2'	Total/NA	Solid	8021B	30595
880-17204-72	C-72 2'	Total/NA	Solid	8021B	30595
880-17204-73	C-73 2'	Total/NA	Solid	8021B	30595
880-17204-74	C-74 2'	Total/NA	Solid	8021B	30595
880-17204-75	C-75 2'	Total/NA	Solid	8021B	30595
880-17204-76	C-76 2'	Total/NA	Solid	8021B	30595
880-17204-77	C-77 2'	Total/NA	Solid	8021B	30595
880-17204-78	C-78 2'	Total/NA	Solid	8021B	30595

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 31046 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-30595/5-A	Method Blank	Total/NA	Solid	8021B	30595
MB 880-30893/5-A	Method Blank	Total/NA	Solid	8021B	30893
LCS 880-30595/1-A	Lab Control Sample	Total/NA	Solid	8021B	30595
LCS 880-30893/1-A	Lab Control Sample	Total/NA	Solid	8021B	30893
LCSD 880-30595/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30595
LCSD 880-30893/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30893
880-17204-59 MS	C-59 2	Total/NA	Solid	8021B	30595
880-17204-59 MSD	C-59 2	Total/NA	Solid	8021B	30595

Analysis Batch: 31047

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-39	C-39 0-2'	Total/NA	Solid	8021B	30592
880-17204-40	C-40 0-2'	Total/NA	Solid	8021B	30592
880-17204-41	C-41 0-2'	Total/NA	Solid	8021B	30592
880-17204-42	C-42 0-2'	Total/NA	Solid	8021B	30592
880-17204-43	C-43 0-2'	Total/NA	Solid	8021B	30592
880-17204-44	C-44 0-1.5'	Total/NA	Solid	8021B	30592
880-17204-45	C-45 2	Total/NA	Solid	8021B	30592
880-17204-46	C-46 2	Total/NA	Solid	8021B	30592
880-17204-47	C-47 2	Total/NA	Solid	8021B	30592
880-17204-48	C-48 2	Total/NA	Solid	8021B	30592
880-17204-49	C-49 2	Total/NA	Solid	8021B	30592
880-17204-50	C-50 2	Total/NA	Solid	8021B	30592
880-17204-51	C-51 2	Total/NA	Solid	8021B	30592
880-17204-52	C-52 2	Total/NA	Solid	8021B	30592
880-17204-53	C-53 2	Total/NA	Solid	8021B	30592
880-17204-54	C-54 2	Total/NA	Solid	8021B	30592
880-17204-55	C-55 2	Total/NA	Solid	8021B	30592
880-17204-56	C-56 2	Total/NA	Solid	8021B	30592
880-17204-57	C-57 2	Total/NA	Solid	8021B	30592
880-17204-58	C-58 2	Total/NA	Solid	8021B	30592
MB 880-30592/5-A	Method Blank	Total/NA	Solid	8021B	30592
MB 880-30678/5-A	Method Blank	Total/NA	Solid	8021B	30678
LCS 880-30592/1-A	Lab Control Sample	Total/NA	Solid	8021B	30592
LCS 880-30678/1-A	Lab Control Sample	Total/NA	Solid	8021B	30678
LCSD 880-30592/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30592
LCSD 880-30678/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30678
880-17204-39 MS	C-39 0-2'	Total/NA	Solid	8021B	30592
880-17204-39 MSD	C-39 0-2'	Total/NA	Solid	8021B	30592

Analysis Batch: 31048

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-99	C-99 2'	Total/NA	Solid	8021B	30703
880-17204-100	C-100 2'	Total/NA	Solid	8021B	30703
880-17204-101	C-101 2'	Total/NA	Solid	8021B	30703
880-17204-102	C-102 2'	Total/NA	Solid	8021B	30703
880-17204-103	C-103 2'	Total/NA	Solid	8021B	30703
880-17204-104	C-104 2'	Total/NA	Solid	8021B	30703
880-17204-105	C-105 2'	Total/NA	Solid	8021B	30703
880-17204-106	C-106 2'	Total/NA	Solid	8021B	30703
880-17204-107	C-107 2'	Total/NA	Solid	8021B	30703

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 31048 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-108	C-108 2'	Total/NA	Solid	8021B	30703
880-17204-109	C-109 2'	Total/NA	Solid	8021B	30703
880-17204-110	C-110 2'	Total/NA	Solid	8021B	30703
880-17204-111	C-111 2'	Total/NA	Solid	8021B	30703
880-17204-112	C-112 2'	Total/NA	Solid	8021B	30703
880-17204-113	C-113 2'	Total/NA	Solid	8021B	30703
880-17204-114	C-114 2'	Total/NA	Solid	8021B	30703
880-17204-115	C-115 2'	Total/NA	Solid	8021B	30703
880-17204-116	C-116 2'	Total/NA	Solid	8021B	30703
880-17204-117	C-117 0-2'	Total/NA	Solid	8021B	30703
880-17204-118	C-118 0-2'	Total/NA	Solid	8021B	30703
MB 880-30687/5-A	Method Blank	Total/NA	Solid	8021B	30687
MB 880-30703/5-A	Method Blank	Total/NA	Solid	8021B	30703
LCS 880-30703/1-A	Lab Control Sample	Total/NA	Solid	8021B	30703
LCSD 880-30703/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30703
880-17204-99 MS	C-99 2'	Total/NA	Solid	8021B	30703
880-17204-99 MSD	C-99 2'	Total/NA	Solid	8021B	30703

Analysis Batch: 31092

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-119	C-119 0-2'	Total/NA	Solid	8021B	30704
880-17204-120	C-120 0-2'	Total/NA	Solid	8021B	30704
880-17204-121	C-121 0-2'	Total/NA	Solid	8021B	30704
880-17204-122	C-122 0-2'	Total/NA	Solid	8021B	30704
880-17204-123	C-123 2.5	Total/NA	Solid	8021B	30704
880-17204-124	C-124 2.5	Total/NA	Solid	8021B	30704
880-17204-125	C-125 2.5	Total/NA	Solid	8021B	30704
880-17204-126	C-126 2.5	Total/NA	Solid	8021B	30704
880-17204-127	C-127 2.5	Total/NA	Solid	8021B	30704
880-17204-128	C-128 2.5	Total/NA	Solid	8021B	30704
880-17204-129	C-129 2.5	Total/NA	Solid	8021B	30704
880-17204-130	C-130 2.5	Total/NA	Solid	8021B	30704
880-17204-131	C-131 2.5	Total/NA	Solid	8021B	30704
880-17204-132	C-132 2.5	Total/NA	Solid	8021B	30704
880-17204-133	C-133 2.5	Total/NA	Solid	8021B	30704
880-17204-134	C-134 2.5	Total/NA	Solid	8021B	30704
880-17204-135	C-135 2.5	Total/NA	Solid	8021B	30704
880-17204-136	C-136 2.5	Total/NA	Solid	8021B	30704
880-17204-137	C-137 2.5	Total/NA	Solid	8021B	30704
880-17204-138	C-138 2.5	Total/NA	Solid	8021B	30704
880-17204-139	C-139 2.5	Total/NA	Solid	8021B	30705
880-17204-140	C-140 1.5	Total/NA	Solid	8021B	30705
880-17204-141	C-141 1.5	Total/NA	Solid	8021B	30705
880-17204-142	C-142 1.5	Total/NA	Solid	8021B	30705
880-17204-143	C-143 1.5	Total/NA	Solid	8021B	30705
880-17204-144	C-144 1.5	Total/NA	Solid	8021B	30705
880-17204-145	C-145 1.5	Total/NA	Solid	8021B	30705
880-17204-146	C-146 1.5	Total/NA	Solid	8021B	30705
880-17204-147	C-147 1.5	Total/NA	Solid	8021B	30705
880-17204-148	C-148 1.5	Total/NA	Solid	8021B	30705
880-17204-149	C-149 1.5	Total/NA	Solid	8021B	30705

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 31092 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-150	C-150 1.5	Total/NA	Solid	8021B	30705
880-17204-151	C-151 1.5	Total/NA	Solid	8021B	30705
880-17204-152	C-152 1.5	Total/NA	Solid	8021B	30705
880-17204-153	C-153 1.5	Total/NA	Solid	8021B	30705
880-17204-154	C-154 1.5	Total/NA	Solid	8021B	30705
880-17204-155	C-155 1.5	Total/NA	Solid	8021B	30705
880-17204-156	C-156 1.5	Total/NA	Solid	8021B	30705
880-17204-157	C-157 1.5	Total/NA	Solid	8021B	30705
880-17204-158	C-158 1.5	Total/NA	Solid	8021B	30705
MB 880-30704/5-A	Method Blank	Total/NA	Solid	8021B	30704
MB 880-30705/5-A	Method Blank	Total/NA	Solid	8021B	30705
LCS 880-30704/1-A	Lab Control Sample	Total/NA	Solid	8021B	30704
LCS 880-30705/1-A	Lab Control Sample	Total/NA	Solid	8021B	30705
LCSD 880-30704/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30704
LCSD 880-30705/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30705
880-17204-119 MS	C-119 0-2'	Total/NA	Solid	8021B	30704
880-17204-119 MSD	C-119 0-2'	Total/NA	Solid	8021B	30704
880-17204-139 MS	C-139 2.5	Total/NA	Solid	8021B	30705
880-17204-139 MSD	C-139 2.5	Total/NA	Solid	8021B	30705

Analysis Batch: 31094

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-179	C-179 4'	Total/NA	Solid	8021B	30707
880-17204-180	C-180 4'	Total/NA	Solid	8021B	30707
880-17204-181	C-181 4'	Total/NA	Solid	8021B	30707
880-17204-182	C-182 4'	Total/NA	Solid	8021B	30707
880-17204-183	C-183 4'	Total/NA	Solid	8021B	30707
880-17204-184	C-184 4'	Total/NA	Solid	8021B	30707
880-17204-185	C-185 4'	Total/NA	Solid	8021B	30707
880-17204-186	C-186 4'	Total/NA	Solid	8021B	30707
880-17204-187	C-187 4'	Total/NA	Solid	8021B	30707
880-17204-188	C-188 4'	Total/NA	Solid	8021B	30707
880-17204-189	C-189 4'	Total/NA	Solid	8021B	30707
880-17204-190	C-190 4'	Total/NA	Solid	8021B	30707
880-17204-191	C-191 4'	Total/NA	Solid	8021B	30707
880-17204-192	C-192 4'	Total/NA	Solid	8021B	30707
880-17204-193	C-193 4'	Total/NA	Solid	8021B	30707
880-17204-194	C-194 4'	Total/NA	Solid	8021B	30707
880-17204-195	C-195 4'	Total/NA	Solid	8021B	30707
880-17204-196	C-196	Total/NA	Solid	8021B	30707
880-17204-197	C-197	Total/NA	Solid	8021B	30707
880-17204-198	C-198	Total/NA	Solid	8021B	30707
880-17204-199	C-199	Total/NA	Solid	8021B	30708
880-17204-200	C-200	Total/NA	Solid	8021B	30708
880-17204-201	C-201	Total/NA	Solid	8021B	30708
880-17204-202	C-202	Total/NA	Solid	8021B	30708
880-17204-203	C-203	Total/NA	Solid	8021B	30708
880-17204-204	C-204	Total/NA	Solid	8021B	30708
880-17204-205	C-205	Total/NA	Solid	8021B	30708
880-17204-206	C-206	Total/NA	Solid	8021B	30708
880-17204-207	C-207	Total/NA	Solid	8021B	30708

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 31094 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-208	C-208	Total/NA	Solid	8021B	30708
880-17204-209	C-209	Total/NA	Solid	8021B	30708
880-17204-210	C-210	Total/NA	Solid	8021B	30708
880-17204-211	C-211 4'	Total/NA	Solid	8021B	30708
880-17204-212	C-212 4'	Total/NA	Solid	8021B	30708
880-17204-213	C-213 4'	Total/NA	Solid	8021B	30708
880-17204-214	C-214 4'	Total/NA	Solid	8021B	30708
880-17204-215	C-215 4'	Total/NA	Solid	8021B	30708
880-17204-216	C-216 4'	Total/NA	Solid	8021B	30708
880-17204-217	C-217 4'	Total/NA	Solid	8021B	30708
880-17204-218	C-218 4'	Total/NA	Solid	8021B	30708
MB 880-30707/5-A	Method Blank	Total/NA	Solid	8021B	30707
MB 880-30708/5-A	Method Blank	Total/NA	Solid	8021B	30708
LCS 880-30707/1-A	Lab Control Sample	Total/NA	Solid	8021B	30707
LCS 880-30708/1-A	Lab Control Sample	Total/NA	Solid	8021B	30708
LCSD 880-30707/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30707
LCSD 880-30708/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30708
880-17204-179 MS	C-179 4'	Total/NA	Solid	8021B	30707
880-17204-179 MSD	C-179 4'	Total/NA	Solid	8021B	30707
880-17204-199 MS	C-199	Total/NA	Solid	8021B	30708
880-17204-199 MSD	C-199	Total/NA	Solid	8021B	30708

Analysis Batch: 31095

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-159	C-159 1.5	Total/NA	Solid	8021B	30706
880-17204-160	C-160 1.5	Total/NA	Solid	8021B	30706
880-17204-161	C-161 1.5	Total/NA	Solid	8021B	30706
880-17204-162	C-162 1.5	Total/NA	Solid	8021B	30706
880-17204-163	C-163 1.5	Total/NA	Solid	8021B	30706
880-17204-164	C-164 0-2.5	Total/NA	Solid	8021B	30706
880-17204-165	C-165 0-2.5	Total/NA	Solid	8021B	30706
880-17204-166	C-166 0-2.5'	Total/NA	Solid	8021B	30706
880-17204-167	C-167 0-2.5'	Total/NA	Solid	8021B	30706
880-17204-168	C-168 0-2.5'	Total/NA	Solid	8021B	30706
880-17204-169	C-169 0-1.5'	Total/NA	Solid	8021B	30706
880-17204-170	C-170 0-1.5'	Total/NA	Solid	8021B	30706
880-17204-171	C-171 0-1.5'	Total/NA	Solid	8021B	30706
880-17204-172	C-172 0-1.5'	Total/NA	Solid	8021B	30706
880-17204-173	C-173 0-1.5'	Total/NA	Solid	8021B	30706
880-17204-174	C-174 4'	Total/NA	Solid	8021B	30706
880-17204-175	C-175 4'	Total/NA	Solid	8021B	30706
880-17204-176	C-176 4'	Total/NA	Solid	8021B	30706
880-17204-177	C-177 4'	Total/NA	Solid	8021B	30706
880-17204-178	C-178 4'	Total/NA	Solid	8021B	30706
MB 880-30706/5-A	Method Blank	Total/NA	Solid	8021B	30706
MB 880-31099/5-A	Method Blank	Total/NA	Solid	8021B	31099
LCS 880-30706/1-A	Lab Control Sample	Total/NA	Solid	8021B	30706
LCSD 880-30706/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30706
880-17204-159 MS	C-159 1.5	Total/NA	Solid	8021B	30706
880-17204-159 MSD	C-159 1.5	Total/NA	Solid	8021B	30706

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA

Prep Batch: 31099

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31099/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 31148

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-23	C-23 2'	Total/NA	Solid	8021B	31155
MB 880-31155/5-A	Method Blank	Total/NA	Solid	8021B	31155
MB 880-31170/5-A	Method Blank	Total/NA	Solid	8021B	31170
LCS 880-31155/1-A	Lab Control Sample	Total/NA	Solid	8021B	31155
LCS 880-31170/1-A	Lab Control Sample	Total/NA	Solid	8021B	31170
LCSD 880-31155/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31155
LCSD 880-31170/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31170

Analysis Batch: 31149

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-219	C-219 4'	Total/NA	Solid	8021B	30914
880-17204-220	C-220 4'	Total/NA	Solid	8021B	30914
880-17204-221	C-221 0-4'	Total/NA	Solid	8021B	30914
880-17204-222	C-222 0-4'	Total/NA	Solid	8021B	30914
880-17204-223	C-223 0-4'	Total/NA	Solid	8021B	30914
880-17204-224	C-224 0-4'	Total/NA	Solid	8021B	30914
880-17204-225	C-225 0-4'	Total/NA	Solid	8021B	30914
880-17204-226	C-226 0-4'	Total/NA	Solid	8021B	30914
880-17204-227	C-227 0-4'	Total/NA	Solid	8021B	30914
880-17204-228	C-228 0-4'	Total/NA	Solid	8021B	30914
880-17204-229	C-229 0-4'	Total/NA	Solid	8021B	30914
880-17204-230	C-230 0-4'	Total/NA	Solid	8021B	30914
MB 880-30914/5-A	Method Blank	Total/NA	Solid	8021B	30914
MB 880-31025/5-A	Method Blank	Total/NA	Solid	8021B	31025
LCS 880-30914/1-A	Lab Control Sample	Total/NA	Solid	8021B	30914
LCSD 880-30914/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	30914
880-17204-219 MS	C-219 4'	Total/NA	Solid	8021B	30914
880-17204-219 MSD	C-219 4'	Total/NA	Solid	8021B	30914

Prep Batch: 31155

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-23	C-23 2'	Total/NA	Solid	5035	
MB 880-31155/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31155/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31155/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 31170

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-31170/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31170/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31170/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 31253

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-34	C-34 2'	Total/NA	Solid	8021B	31290
MB 880-31290/5-A	Method Blank	Total/NA	Solid	8021B	31290
LCS 880-31290/1-A	Lab Control Sample	Total/NA	Solid	8021B	31290

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC VOA (Continued)

Analysis Batch: 31253 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-31290/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	31290

Prep Batch: 31290

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-34	C-34 2'	Total/NA	Solid	5035	
MB 880-31290/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-31290/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-31290/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 30649

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-1	C-1 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-2	C-2 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-3	C-3 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-4	C-4 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-5	C-5 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-6	C-6 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-7	C-7 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-8	C-8 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-9	C-9 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-10	C-10 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-11	C-11 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-12	C-12 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-13	C-13 2'	Total/NA	Solid	8015B NM	30690
880-17204-14	C-14 2'	Total/NA	Solid	8015B NM	30690
880-17204-15	C-15 2'	Total/NA	Solid	8015B NM	30690
880-17204-16	C-16 1'	Total/NA	Solid	8015B NM	30690
880-17204-17	C-17 1'	Total/NA	Solid	8015B NM	30690
880-17204-18	C-18 1'	Total/NA	Solid	8015B NM	30690
880-17204-19	C-19 1'	Total/NA	Solid	8015B NM	30690
880-17204-20	C-20 2'	Total/NA	Solid	8015B NM	30690
MB 880-30690/1-A	Method Blank	Total/NA	Solid	8015B NM	30690
LCS 880-30690/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30690
LCSD 880-30690/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30690
880-17204-1 MS	C-1 1.5'	Total/NA	Solid	8015B NM	30690
880-17204-1 MSD	C-1 1.5'	Total/NA	Solid	8015B NM	30690

Prep Batch: 30690

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-1	C-1 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-2	C-2 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-3	C-3 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-4	C-4 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-5	C-5 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-6	C-6 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-7	C-7 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-8	C-8 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-9	C-9 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-10	C-10 1.5'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Prep Batch: 30690 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-11	C-11 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-12	C-12 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-13	C-13 2'	Total/NA	Solid	8015NM Prep	
880-17204-14	C-14 2'	Total/NA	Solid	8015NM Prep	
880-17204-15	C-15 2'	Total/NA	Solid	8015NM Prep	
880-17204-16	C-16 1'	Total/NA	Solid	8015NM Prep	
880-17204-17	C-17 1'	Total/NA	Solid	8015NM Prep	
880-17204-18	C-18 1'	Total/NA	Solid	8015NM Prep	
880-17204-19	C-19 1'	Total/NA	Solid	8015NM Prep	
880-17204-20	C-20 2'	Total/NA	Solid	8015NM Prep	
MB 880-30690/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30690/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30690/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17204-1 MS	C-1 1.5'	Total/NA	Solid	8015NM Prep	
880-17204-1 MSD	C-1 1.5'	Total/NA	Solid	8015NM Prep	

Prep Batch: 30691

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-21	C-21 2'	Total/NA	Solid	8015NM Prep	
880-17204-22	C-22 2'	Total/NA	Solid	8015NM Prep	
880-17204-23	C-23 2'	Total/NA	Solid	8015NM Prep	
880-17204-24	C-24 2'	Total/NA	Solid	8015NM Prep	
880-17204-25	C-25 2'	Total/NA	Solid	8015NM Prep	
880-17204-26	C-26 2'	Total/NA	Solid	8015NM Prep	
880-17204-27	C-27 2'	Total/NA	Solid	8015NM Prep	
880-17204-28	C-28 2'	Total/NA	Solid	8015NM Prep	
880-17204-29	C-29 2'	Total/NA	Solid	8015NM Prep	
880-17204-30	C-30 2'	Total/NA	Solid	8015NM Prep	
880-17204-31	C-31 2'	Total/NA	Solid	8015NM Prep	
880-17204-32	C-32 2'	Total/NA	Solid	8015NM Prep	
880-17204-33	C-33 2'	Total/NA	Solid	8015NM Prep	
880-17204-34	C-34 2'	Total/NA	Solid	8015NM Prep	
880-17204-35	C-35 2'	Total/NA	Solid	8015NM Prep	
880-17204-36	C- 36 0-1.5'	Total/NA	Solid	8015NM Prep	
880-17204-37	C-37 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-38	C-38 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-39	C-39 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-40	C-40 0-2'	Total/NA	Solid	8015NM Prep	
MB 880-30691/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30691/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30691/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17204-21 MS	C-21 2'	Total/NA	Solid	8015NM Prep	
880-17204-21 MSD	C-21 2'	Total/NA	Solid	8015NM Prep	

Prep Batch: 30710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-41	C-41 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-42	C-42 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-43	C-43 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-44	C-44 0-1.5'	Total/NA	Solid	8015NM Prep	
880-17204-45	C-45 2	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Prep Batch: 30710 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-46	C-46 2	Total/NA	Solid	8015NM Prep	
880-17204-47	C-47 2	Total/NA	Solid	8015NM Prep	
880-17204-48	C-48 2	Total/NA	Solid	8015NM Prep	
880-17204-49	C-49 2	Total/NA	Solid	8015NM Prep	
880-17204-50	C-50 2	Total/NA	Solid	8015NM Prep	
880-17204-51	C-51 2	Total/NA	Solid	8015NM Prep	
880-17204-52	C-52 2	Total/NA	Solid	8015NM Prep	
880-17204-53	C-53 2	Total/NA	Solid	8015NM Prep	
880-17204-54	C-54 2	Total/NA	Solid	8015NM Prep	
880-17204-55	C-55 2	Total/NA	Solid	8015NM Prep	
880-17204-56	C-56 2	Total/NA	Solid	8015NM Prep	
880-17204-57	C-57 2	Total/NA	Solid	8015NM Prep	
880-17204-58	C-58 2	Total/NA	Solid	8015NM Prep	
880-17204-59	C-59 2	Total/NA	Solid	8015NM Prep	
880-17204-60	C-60 2	Total/NA	Solid	8015NM Prep	
MB 880-30710/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30710/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30710/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17204-41 MS	C-41 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-41 MSD	C-41 0-2'	Total/NA	Solid	8015NM Prep	

Prep Batch: 30711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-61	C-61 2'	Total/NA	Solid	8015NM Prep	
880-17204-62	C-62 2'	Total/NA	Solid	8015NM Prep	
880-17204-63	C-63 2'	Total/NA	Solid	8015NM Prep	
880-17204-64	C-64 2'	Total/NA	Solid	8015NM Prep	
880-17204-65	C-65 2'	Total/NA	Solid	8015NM Prep	
880-17204-66	C-66 2'	Total/NA	Solid	8015NM Prep	
880-17204-67	C-67 2'	Total/NA	Solid	8015NM Prep	
880-17204-68	C-68 2'	Total/NA	Solid	8015NM Prep	
880-17204-69	C-69 2'	Total/NA	Solid	8015NM Prep	
880-17204-70	C-70 2'	Total/NA	Solid	8015NM Prep	
880-17204-71	C-71 2'	Total/NA	Solid	8015NM Prep	
880-17204-72	C-72 2'	Total/NA	Solid	8015NM Prep	
880-17204-73	C-73 2'	Total/NA	Solid	8015NM Prep	
880-17204-74	C-74 2'	Total/NA	Solid	8015NM Prep	
880-17204-75	C-75 2'	Total/NA	Solid	8015NM Prep	
880-17204-76	C-76 2'	Total/NA	Solid	8015NM Prep	
880-17204-77	C-77 2'	Total/NA	Solid	8015NM Prep	
880-17204-78	C-78 2'	Total/NA	Solid	8015NM Prep	
880-17204-79	C-79 2'	Total/NA	Solid	8015NM Prep	
880-17204-80	C-80 2'	Total/NA	Solid	8015NM Prep	
MB 880-30711/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30711/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30711/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17204-61 MS	C-61 2'	Total/NA	Solid	8015NM Prep	
880-17204-61 MSD	C-61 2'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA

Prep Batch: 30714

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-81	C-81 2'	Total/NA	Solid	8015NM Prep	
880-17204-82	C-82 2'	Total/NA	Solid	8015NM Prep	
880-17204-83	C-83 2'	Total/NA	Solid	8015NM Prep	
880-17204-84	C-84 2'	Total/NA	Solid	8015NM Prep	
880-17204-85	C-85 2'	Total/NA	Solid	8015NM Prep	
880-17204-86	C-86 2'	Total/NA	Solid	8015NM Prep	
880-17204-87	C-87 2'	Total/NA	Solid	8015NM Prep	
880-17204-88	C-88 2'	Total/NA	Solid	8015NM Prep	
880-17204-89	C-89 2'	Total/NA	Solid	8015NM Prep	
880-17204-90	C-90 2'	Total/NA	Solid	8015NM Prep	
880-17204-91	C-91 2'	Total/NA	Solid	8015NM Prep	
880-17204-92	C-92 2'	Total/NA	Solid	8015NM Prep	
880-17204-93	C-93 2'	Total/NA	Solid	8015NM Prep	
880-17204-94	C-94 2'	Total/NA	Solid	8015NM Prep	
880-17204-95	C-95 2'	Total/NA	Solid	8015NM Prep	
880-17204-96	C-96 2'	Total/NA	Solid	8015NM Prep	
880-17204-97	C-97 2'	Total/NA	Solid	8015NM Prep	
880-17204-98	C-98 2'	Total/NA	Solid	8015NM Prep	
880-17204-99	C-99 2'	Total/NA	Solid	8015NM Prep	
880-17204-100	C-100 2'	Total/NA	Solid	8015NM Prep	
MB 880-30714/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30714/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30714/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17204-81 MS	C-81 2'	Total/NA	Solid	8015NM Prep	
880-17204-81 MSD	C-81 2'	Total/NA	Solid	8015NM Prep	

Prep Batch: 30715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-101	C-101 2'	Total/NA	Solid	8015NM Prep	
880-17204-102	C-102 2'	Total/NA	Solid	8015NM Prep	
880-17204-103	C-103 2'	Total/NA	Solid	8015NM Prep	
880-17204-104	C-104 2'	Total/NA	Solid	8015NM Prep	
880-17204-105	C-105 2'	Total/NA	Solid	8015NM Prep	
880-17204-106	C-106 2'	Total/NA	Solid	8015NM Prep	
880-17204-107	C-107 2'	Total/NA	Solid	8015NM Prep	
880-17204-108	C-108 2'	Total/NA	Solid	8015NM Prep	
880-17204-109	C-109 2'	Total/NA	Solid	8015NM Prep	
880-17204-110	C-110 2'	Total/NA	Solid	8015NM Prep	
880-17204-111	C-111 2'	Total/NA	Solid	8015NM Prep	
880-17204-112	C-112 2'	Total/NA	Solid	8015NM Prep	
880-17204-113	C-113 2'	Total/NA	Solid	8015NM Prep	
880-17204-114	C-114 2'	Total/NA	Solid	8015NM Prep	
880-17204-115	C-115 2'	Total/NA	Solid	8015NM Prep	
880-17204-116	C-116 2'	Total/NA	Solid	8015NM Prep	
880-17204-117	C-117 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-118	C-118 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-119	C-119 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-120	C-120 0-2'	Total/NA	Solid	8015NM Prep	
MB 880-30715/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30715/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30715/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Prep Batch: 30715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-101 MS	C-101 2'	Total/NA	Solid	8015NM Prep	
880-17204-101 MSD	C-101 2'	Total/NA	Solid	8015NM Prep	

Prep Batch: 30736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-121	C-121 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-122	C-122 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-123	C-123 2.5	Total/NA	Solid	8015NM Prep	
880-17204-124	C-124 2.5	Total/NA	Solid	8015NM Prep	
880-17204-125	C-125 2.5	Total/NA	Solid	8015NM Prep	
880-17204-126	C-126 2.5	Total/NA	Solid	8015NM Prep	
880-17204-127	C-127 2.5	Total/NA	Solid	8015NM Prep	
880-17204-128	C-128 2.5	Total/NA	Solid	8015NM Prep	
880-17204-129	C-129 2.5	Total/NA	Solid	8015NM Prep	
880-17204-130	C-130 2.5	Total/NA	Solid	8015NM Prep	
880-17204-131	C-131 2.5	Total/NA	Solid	8015NM Prep	
880-17204-132	C-132 2.5	Total/NA	Solid	8015NM Prep	
880-17204-133	C-133 2.5	Total/NA	Solid	8015NM Prep	
880-17204-134	C-134 2.5	Total/NA	Solid	8015NM Prep	
880-17204-135	C-135 2.5	Total/NA	Solid	8015NM Prep	
880-17204-136	C-136 2.5	Total/NA	Solid	8015NM Prep	
880-17204-137	C-137 2.5	Total/NA	Solid	8015NM Prep	
880-17204-138	C-138 2.5	Total/NA	Solid	8015NM Prep	
880-17204-139	C-139 2.5	Total/NA	Solid	8015NM Prep	
880-17204-140	C-140 1.5	Total/NA	Solid	8015NM Prep	
MB 880-30736/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30736/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30736/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17204-121 MS	C-121 0-2'	Total/NA	Solid	8015NM Prep	
880-17204-121 MSD	C-121 0-2'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 30739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-21	C-21 2'	Total/NA	Solid	8015B NM	30691
880-17204-22	C-22 2'	Total/NA	Solid	8015B NM	30691
880-17204-23	C-23 2'	Total/NA	Solid	8015B NM	30691
880-17204-24	C-24 2'	Total/NA	Solid	8015B NM	30691
880-17204-25	C-25 2'	Total/NA	Solid	8015B NM	30691
880-17204-26	C-26 2'	Total/NA	Solid	8015B NM	30691
880-17204-27	C-27 2'	Total/NA	Solid	8015B NM	30691
880-17204-28	C-28 2'	Total/NA	Solid	8015B NM	30691
880-17204-29	C-29 2'	Total/NA	Solid	8015B NM	30691
880-17204-30	C-30 2'	Total/NA	Solid	8015B NM	30691
880-17204-31	C-31 2'	Total/NA	Solid	8015B NM	30691
880-17204-32	C-32 2'	Total/NA	Solid	8015B NM	30691
880-17204-33	C-33 2'	Total/NA	Solid	8015B NM	30691
880-17204-34	C-34 2'	Total/NA	Solid	8015B NM	30691
880-17204-35	C-35 2'	Total/NA	Solid	8015B NM	30691
880-17204-36	C- 36 0-1.5'	Total/NA	Solid	8015B NM	30691
880-17204-37	C-37 0-2'	Total/NA	Solid	8015B NM	30691
880-17204-38	C-38 0-2'	Total/NA	Solid	8015B NM	30691

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30739 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-39	C-39 0-2'	Total/NA	Solid	8015B NM	30691
880-17204-40	C-40 0-2'	Total/NA	Solid	8015B NM	30691
880-17204-41	C-41 0-2'	Total/NA	Solid	8015B NM	30710
880-17204-42	C-42 0-2'	Total/NA	Solid	8015B NM	30710
880-17204-43	C-43 0-2'	Total/NA	Solid	8015B NM	30710
880-17204-44	C-44 0-1.5'	Total/NA	Solid	8015B NM	30710
880-17204-45	C-45 2	Total/NA	Solid	8015B NM	30710
880-17204-46	C-46 2	Total/NA	Solid	8015B NM	30710
880-17204-47	C-47 2	Total/NA	Solid	8015B NM	30710
880-17204-48	C-48 2	Total/NA	Solid	8015B NM	30710
880-17204-49	C-49 2	Total/NA	Solid	8015B NM	30710
880-17204-50	C-50 2	Total/NA	Solid	8015B NM	30710
880-17204-51	C-51 2	Total/NA	Solid	8015B NM	30710
880-17204-52	C-52 2	Total/NA	Solid	8015B NM	30710
880-17204-53	C-53 2	Total/NA	Solid	8015B NM	30710
880-17204-54	C-54 2	Total/NA	Solid	8015B NM	30710
880-17204-55	C-55 2	Total/NA	Solid	8015B NM	30710
880-17204-56	C-56 2	Total/NA	Solid	8015B NM	30710
880-17204-57	C-57 2	Total/NA	Solid	8015B NM	30710
880-17204-58	C-58 2	Total/NA	Solid	8015B NM	30710
880-17204-59	C-59 2	Total/NA	Solid	8015B NM	30710
880-17204-60	C-60 2	Total/NA	Solid	8015B NM	30710
MB 880-30691/1-A	Method Blank	Total/NA	Solid	8015B NM	30691
MB 880-30710/1-A	Method Blank	Total/NA	Solid	8015B NM	30710
LCS 880-30691/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30691
LCS 880-30710/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30710
LCSD 880-30691/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30691
LCSD 880-30710/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30710
880-17204-21 MS	C-21 2'	Total/NA	Solid	8015B NM	30691
880-17204-21 MSD	C-21 2'	Total/NA	Solid	8015B NM	30691
880-17204-41 MS	C-41 0-2'	Total/NA	Solid	8015B NM	30710
880-17204-41 MSD	C-41 0-2'	Total/NA	Solid	8015B NM	30710

Analysis Batch: 30741

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-61	C-61 2'	Total/NA	Solid	8015B NM	30711
880-17204-62	C-62 2'	Total/NA	Solid	8015B NM	30711
880-17204-63	C-63 2'	Total/NA	Solid	8015B NM	30711
880-17204-64	C-64 2'	Total/NA	Solid	8015B NM	30711
880-17204-65	C-65 2'	Total/NA	Solid	8015B NM	30711
880-17204-66	C-66 2'	Total/NA	Solid	8015B NM	30711
880-17204-67	C-67 2'	Total/NA	Solid	8015B NM	30711
880-17204-68	C-68 2'	Total/NA	Solid	8015B NM	30711
880-17204-69	C-69 2'	Total/NA	Solid	8015B NM	30711
880-17204-70	C-70 2'	Total/NA	Solid	8015B NM	30711
880-17204-71	C-71 2'	Total/NA	Solid	8015B NM	30711
880-17204-72	C-72 2'	Total/NA	Solid	8015B NM	30711
880-17204-73	C-73 2'	Total/NA	Solid	8015B NM	30711
880-17204-74	C-74 2'	Total/NA	Solid	8015B NM	30711
880-17204-75	C-75 2'	Total/NA	Solid	8015B NM	30711
880-17204-76	C-76 2'	Total/NA	Solid	8015B NM	30711

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30741 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-77	C-77 2'	Total/NA	Solid	8015B NM	30711
880-17204-78	C-78 2'	Total/NA	Solid	8015B NM	30711
880-17204-79	C-79 2'	Total/NA	Solid	8015B NM	30711
880-17204-80	C-80 2'	Total/NA	Solid	8015B NM	30711
880-17204-81	C-81 2'	Total/NA	Solid	8015B NM	30714
880-17204-82	C-82 2'	Total/NA	Solid	8015B NM	30714
880-17204-83	C-83 2'	Total/NA	Solid	8015B NM	30714
880-17204-84	C-84 2'	Total/NA	Solid	8015B NM	30714
880-17204-85	C-85 2'	Total/NA	Solid	8015B NM	30714
880-17204-86	C-86 2'	Total/NA	Solid	8015B NM	30714
880-17204-87	C-87 2'	Total/NA	Solid	8015B NM	30714
880-17204-88	C-88 2'	Total/NA	Solid	8015B NM	30714
880-17204-89	C-89 2'	Total/NA	Solid	8015B NM	30714
880-17204-90	C-90 2'	Total/NA	Solid	8015B NM	30714
880-17204-91	C-91 2'	Total/NA	Solid	8015B NM	30714
880-17204-92	C-92 2'	Total/NA	Solid	8015B NM	30714
880-17204-93	C-93 2'	Total/NA	Solid	8015B NM	30714
880-17204-94	C-94 2'	Total/NA	Solid	8015B NM	30714
880-17204-95	C-95 2'	Total/NA	Solid	8015B NM	30714
880-17204-96	C-96 2'	Total/NA	Solid	8015B NM	30714
880-17204-97	C-97 2'	Total/NA	Solid	8015B NM	30714
880-17204-98	C-98 2'	Total/NA	Solid	8015B NM	30714
880-17204-99	C-99 2'	Total/NA	Solid	8015B NM	30714
880-17204-100	C-100 2'	Total/NA	Solid	8015B NM	30714
MB 880-30711/1-A	Method Blank	Total/NA	Solid	8015B NM	30711
MB 880-30714/1-A	Method Blank	Total/NA	Solid	8015B NM	30714
LCS 880-30711/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30711
LCS 880-30714/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30714
LCSD 880-30711/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30711
LCSD 880-30714/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30714
880-17204-61 MS	C-61 2'	Total/NA	Solid	8015B NM	30711
880-17204-61 MSD	C-61 2'	Total/NA	Solid	8015B NM	30711
880-17204-81 MS	C-81 2'	Total/NA	Solid	8015B NM	30714
880-17204-81 MSD	C-81 2'	Total/NA	Solid	8015B NM	30714

Analysis Batch: 30774

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-1	C-1 1.5'	Total/NA	Solid	8015 NM	
880-17204-2	C-2 1.5'	Total/NA	Solid	8015 NM	
880-17204-3	C-3 1.5'	Total/NA	Solid	8015 NM	
880-17204-4	C-4 1.5'	Total/NA	Solid	8015 NM	
880-17204-5	C-5 1.5'	Total/NA	Solid	8015 NM	
880-17204-6	C-6 1.5'	Total/NA	Solid	8015 NM	
880-17204-7	C-7 1.5'	Total/NA	Solid	8015 NM	
880-17204-8	C-8 1.5'	Total/NA	Solid	8015 NM	
880-17204-9	C-9 1.5'	Total/NA	Solid	8015 NM	
880-17204-10	C-10 1.5'	Total/NA	Solid	8015 NM	
880-17204-11	C-11 1.5'	Total/NA	Solid	8015 NM	
880-17204-12	C-12 1.5'	Total/NA	Solid	8015 NM	
880-17204-13	C-13 2'	Total/NA	Solid	8015 NM	
880-17204-14	C-14 2'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-15	C-15 2'	Total/NA	Solid	8015 NM	
880-17204-16	C-16 1'	Total/NA	Solid	8015 NM	
880-17204-17	C-17 1'	Total/NA	Solid	8015 NM	
880-17204-18	C-18 1'	Total/NA	Solid	8015 NM	
880-17204-19	C-19 1'	Total/NA	Solid	8015 NM	
880-17204-20	C-20 2'	Total/NA	Solid	8015 NM	
880-17204-21	C-21 2'	Total/NA	Solid	8015 NM	
880-17204-22	C-22 2'	Total/NA	Solid	8015 NM	
880-17204-23	C-23 2'	Total/NA	Solid	8015 NM	
880-17204-24	C-24 2'	Total/NA	Solid	8015 NM	
880-17204-25	C-25 2'	Total/NA	Solid	8015 NM	
880-17204-26	C-26 2'	Total/NA	Solid	8015 NM	
880-17204-27	C-27 2'	Total/NA	Solid	8015 NM	
880-17204-28	C-28 2'	Total/NA	Solid	8015 NM	
880-17204-29	C-29 2'	Total/NA	Solid	8015 NM	
880-17204-30	C-30 2'	Total/NA	Solid	8015 NM	
880-17204-31	C-31 2'	Total/NA	Solid	8015 NM	
880-17204-32	C-32 2'	Total/NA	Solid	8015 NM	
880-17204-33	C-33 2'	Total/NA	Solid	8015 NM	
880-17204-34	C-34 2'	Total/NA	Solid	8015 NM	
880-17204-35	C-35 2'	Total/NA	Solid	8015 NM	
880-17204-36	C- 36 0-1.5'	Total/NA	Solid	8015 NM	
880-17204-37	C-37 0-2'	Total/NA	Solid	8015 NM	
880-17204-38	C-38 0-2'	Total/NA	Solid	8015 NM	
880-17204-39	C-39 0-2'	Total/NA	Solid	8015 NM	
880-17204-40	C-40 0-2'	Total/NA	Solid	8015 NM	
880-17204-41	C-41 0-2'	Total/NA	Solid	8015 NM	
880-17204-42	C-42 0-2'	Total/NA	Solid	8015 NM	
880-17204-43	C-43 0-2'	Total/NA	Solid	8015 NM	
880-17204-44	C-44 0-1.5'	Total/NA	Solid	8015 NM	
880-17204-45	C-45 2	Total/NA	Solid	8015 NM	
880-17204-46	C-46 2	Total/NA	Solid	8015 NM	
880-17204-47	C-47 2	Total/NA	Solid	8015 NM	
880-17204-48	C-48 2	Total/NA	Solid	8015 NM	
880-17204-49	C-49 2	Total/NA	Solid	8015 NM	
880-17204-50	C-50 2	Total/NA	Solid	8015 NM	
880-17204-51	C-51 2	Total/NA	Solid	8015 NM	
880-17204-52	C-52 2	Total/NA	Solid	8015 NM	
880-17204-53	C-53 2	Total/NA	Solid	8015 NM	
880-17204-54	C-54 2	Total/NA	Solid	8015 NM	
880-17204-55	C-55 2	Total/NA	Solid	8015 NM	
880-17204-56	C-56 2	Total/NA	Solid	8015 NM	
880-17204-57	C-57 2	Total/NA	Solid	8015 NM	
880-17204-58	C-58 2	Total/NA	Solid	8015 NM	
880-17204-59	C-59 2	Total/NA	Solid	8015 NM	
880-17204-60	C-60 2	Total/NA	Solid	8015 NM	
880-17204-61	C-61 2'	Total/NA	Solid	8015 NM	
880-17204-62	C-62 2'	Total/NA	Solid	8015 NM	
880-17204-63	C-63 2'	Total/NA	Solid	8015 NM	
880-17204-64	C-64 2'	Total/NA	Solid	8015 NM	
880-17204-65	C-65 2'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-66	C-66 2'	Total/NA	Solid	8015 NM	
880-17204-67	C-67 2'	Total/NA	Solid	8015 NM	
880-17204-68	C-68 2'	Total/NA	Solid	8015 NM	
880-17204-69	C-69 2'	Total/NA	Solid	8015 NM	
880-17204-70	C-70 2'	Total/NA	Solid	8015 NM	
880-17204-71	C-71 2'	Total/NA	Solid	8015 NM	
880-17204-72	C-72 2'	Total/NA	Solid	8015 NM	
880-17204-73	C-73 2'	Total/NA	Solid	8015 NM	
880-17204-74	C-74 2'	Total/NA	Solid	8015 NM	
880-17204-75	C-75 2'	Total/NA	Solid	8015 NM	
880-17204-76	C-76 2'	Total/NA	Solid	8015 NM	
880-17204-77	C-77 2'	Total/NA	Solid	8015 NM	
880-17204-78	C-78 2'	Total/NA	Solid	8015 NM	
880-17204-79	C-79 2'	Total/NA	Solid	8015 NM	
880-17204-80	C-80 2'	Total/NA	Solid	8015 NM	
880-17204-81	C-81 2'	Total/NA	Solid	8015 NM	
880-17204-82	C-82 2'	Total/NA	Solid	8015 NM	
880-17204-83	C-83 2'	Total/NA	Solid	8015 NM	
880-17204-84	C-84 2'	Total/NA	Solid	8015 NM	
880-17204-85	C-85 2'	Total/NA	Solid	8015 NM	
880-17204-86	C-86 2'	Total/NA	Solid	8015 NM	
880-17204-87	C-87 2'	Total/NA	Solid	8015 NM	
880-17204-88	C-88 2'	Total/NA	Solid	8015 NM	
880-17204-89	C-89 2'	Total/NA	Solid	8015 NM	
880-17204-90	C-90 2'	Total/NA	Solid	8015 NM	
880-17204-91	C-91 2'	Total/NA	Solid	8015 NM	
880-17204-92	C-92 2'	Total/NA	Solid	8015 NM	
880-17204-93	C-93 2'	Total/NA	Solid	8015 NM	
880-17204-94	C-94 2'	Total/NA	Solid	8015 NM	
880-17204-95	C-95 2'	Total/NA	Solid	8015 NM	
880-17204-96	C-96 2'	Total/NA	Solid	8015 NM	
880-17204-97	C-97 2'	Total/NA	Solid	8015 NM	
880-17204-98	C-98 2'	Total/NA	Solid	8015 NM	
880-17204-99	C-99 2'	Total/NA	Solid	8015 NM	
880-17204-100	C-100 2'	Total/NA	Solid	8015 NM	
880-17204-101	C-101 2'	Total/NA	Solid	8015 NM	
880-17204-102	C-102 2'	Total/NA	Solid	8015 NM	
880-17204-103	C-103 2'	Total/NA	Solid	8015 NM	
880-17204-104	C-104 2'	Total/NA	Solid	8015 NM	
880-17204-105	C-105 2'	Total/NA	Solid	8015 NM	
880-17204-106	C-106 2'	Total/NA	Solid	8015 NM	
880-17204-107	C-107 2'	Total/NA	Solid	8015 NM	
880-17204-108	C-108 2'	Total/NA	Solid	8015 NM	
880-17204-109	C-109 2'	Total/NA	Solid	8015 NM	
880-17204-110	C-110 2'	Total/NA	Solid	8015 NM	
880-17204-111	C-111 2'	Total/NA	Solid	8015 NM	
880-17204-112	C-112 2'	Total/NA	Solid	8015 NM	
880-17204-113	C-113 2'	Total/NA	Solid	8015 NM	
880-17204-114	C-114 2'	Total/NA	Solid	8015 NM	
880-17204-115	C-115 2'	Total/NA	Solid	8015 NM	
880-17204-116	C-116 2'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-117	C-117 0-2'	Total/NA	Solid	8015 NM	
880-17204-118	C-118 0-2'	Total/NA	Solid	8015 NM	
880-17204-119	C-119 0-2'	Total/NA	Solid	8015 NM	
880-17204-120	C-120 0-2'	Total/NA	Solid	8015 NM	
880-17204-121	C-121 0-2'	Total/NA	Solid	8015 NM	
880-17204-122	C-122 0-2'	Total/NA	Solid	8015 NM	
880-17204-123	C-123 2.5	Total/NA	Solid	8015 NM	
880-17204-124	C-124 2.5	Total/NA	Solid	8015 NM	
880-17204-125	C-125 2.5	Total/NA	Solid	8015 NM	
880-17204-126	C-126 2.5	Total/NA	Solid	8015 NM	
880-17204-127	C-127 2.5	Total/NA	Solid	8015 NM	
880-17204-128	C-128 2.5	Total/NA	Solid	8015 NM	
880-17204-129	C-129 2.5	Total/NA	Solid	8015 NM	
880-17204-130	C-130 2.5	Total/NA	Solid	8015 NM	
880-17204-131	C-131 2.5	Total/NA	Solid	8015 NM	
880-17204-132	C-132 2.5	Total/NA	Solid	8015 NM	
880-17204-133	C-133 2.5	Total/NA	Solid	8015 NM	
880-17204-134	C-134 2.5	Total/NA	Solid	8015 NM	
880-17204-135	C-135 2.5	Total/NA	Solid	8015 NM	
880-17204-136	C-136 2.5	Total/NA	Solid	8015 NM	
880-17204-137	C-137 2.5	Total/NA	Solid	8015 NM	
880-17204-138	C-138 2.5	Total/NA	Solid	8015 NM	
880-17204-139	C-139 2.5	Total/NA	Solid	8015 NM	
880-17204-140	C-140 1.5	Total/NA	Solid	8015 NM	
880-17204-141	C-141 1.5	Total/NA	Solid	8015 NM	
880-17204-142	C-142 1.5	Total/NA	Solid	8015 NM	
880-17204-143	C-143 1.5	Total/NA	Solid	8015 NM	
880-17204-144	C-144 1.5	Total/NA	Solid	8015 NM	
880-17204-145	C-145 1.5	Total/NA	Solid	8015 NM	
880-17204-146	C-146 1.5	Total/NA	Solid	8015 NM	
880-17204-147	C-147 1.5	Total/NA	Solid	8015 NM	
880-17204-148	C-148 1.5	Total/NA	Solid	8015 NM	
880-17204-149	C-149 1.5	Total/NA	Solid	8015 NM	
880-17204-150	C-150 1.5	Total/NA	Solid	8015 NM	
880-17204-151	C-151 1.5	Total/NA	Solid	8015 NM	
880-17204-152	C-152 1.5	Total/NA	Solid	8015 NM	
880-17204-153	C-153 1.5	Total/NA	Solid	8015 NM	
880-17204-154	C-154 1.5	Total/NA	Solid	8015 NM	
880-17204-155	C-155 1.5	Total/NA	Solid	8015 NM	
880-17204-156	C-156 1.5	Total/NA	Solid	8015 NM	
880-17204-157	C-157 1.5	Total/NA	Solid	8015 NM	
880-17204-158	C-158 1.5	Total/NA	Solid	8015 NM	
880-17204-159	C-159 1.5	Total/NA	Solid	8015 NM	
880-17204-160	C-160 1.5	Total/NA	Solid	8015 NM	
880-17204-161	C-161 1.5	Total/NA	Solid	8015 NM	
880-17204-162	C-162 1.5	Total/NA	Solid	8015 NM	
880-17204-163	C-163 1.5	Total/NA	Solid	8015 NM	
880-17204-164	C-164 0-2.5	Total/NA	Solid	8015 NM	
880-17204-165	C-165 0-2.5	Total/NA	Solid	8015 NM	
880-17204-166	C-166 0-2.5'	Total/NA	Solid	8015 NM	
880-17204-167	C-167 0-2.5'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-168	C-168 0-2.5'	Total/NA	Solid	8015 NM	
880-17204-169	C-169 0-1.5'	Total/NA	Solid	8015 NM	
880-17204-170	C-170 0-1.5'	Total/NA	Solid	8015 NM	
880-17204-171	C-171 0-1.5'	Total/NA	Solid	8015 NM	
880-17204-172	C-172 0-1.5'	Total/NA	Solid	8015 NM	
880-17204-173	C-173 0-1.5'	Total/NA	Solid	8015 NM	
880-17204-174	C-174 4'	Total/NA	Solid	8015 NM	
880-17204-175	C-175 4'	Total/NA	Solid	8015 NM	
880-17204-176	C-176 4'	Total/NA	Solid	8015 NM	
880-17204-177	C-177 4'	Total/NA	Solid	8015 NM	
880-17204-178	C-178 4'	Total/NA	Solid	8015 NM	
880-17204-179	C-179 4'	Total/NA	Solid	8015 NM	
880-17204-180	C-180 4'	Total/NA	Solid	8015 NM	
880-17204-181	C-181 4'	Total/NA	Solid	8015 NM	
880-17204-182	C-182 4'	Total/NA	Solid	8015 NM	
880-17204-183	C-183 4'	Total/NA	Solid	8015 NM	
880-17204-184	C-184 4'	Total/NA	Solid	8015 NM	
880-17204-185	C-185 4'	Total/NA	Solid	8015 NM	
880-17204-186	C-186 4'	Total/NA	Solid	8015 NM	
880-17204-187	C-187 4'	Total/NA	Solid	8015 NM	
880-17204-188	C-188 4'	Total/NA	Solid	8015 NM	
880-17204-189	C-189 4'	Total/NA	Solid	8015 NM	
880-17204-190	C-190 4'	Total/NA	Solid	8015 NM	
880-17204-191	C-191 4'	Total/NA	Solid	8015 NM	
880-17204-192	C-192 4'	Total/NA	Solid	8015 NM	
880-17204-193	C-193 4'	Total/NA	Solid	8015 NM	
880-17204-194	C-194 4'	Total/NA	Solid	8015 NM	
880-17204-195	C-195 4'	Total/NA	Solid	8015 NM	
880-17204-196	C-196	Total/NA	Solid	8015 NM	
880-17204-197	C-197	Total/NA	Solid	8015 NM	
880-17204-198	C-198	Total/NA	Solid	8015 NM	
880-17204-199	C-199	Total/NA	Solid	8015 NM	
880-17204-200	C-200	Total/NA	Solid	8015 NM	
880-17204-201	C-201	Total/NA	Solid	8015 NM	
880-17204-202	C-202	Total/NA	Solid	8015 NM	
880-17204-203	C-203	Total/NA	Solid	8015 NM	
880-17204-204	C-204	Total/NA	Solid	8015 NM	
880-17204-205	C-205	Total/NA	Solid	8015 NM	
880-17204-206	C-206	Total/NA	Solid	8015 NM	
880-17204-207	C-207	Total/NA	Solid	8015 NM	
880-17204-208	C-208	Total/NA	Solid	8015 NM	
880-17204-209	C-209	Total/NA	Solid	8015 NM	
880-17204-210	C-210	Total/NA	Solid	8015 NM	
880-17204-211	C-211 4'	Total/NA	Solid	8015 NM	
880-17204-212	C-212 4'	Total/NA	Solid	8015 NM	
880-17204-213	C-213 4'	Total/NA	Solid	8015 NM	
880-17204-214	C-214 4'	Total/NA	Solid	8015 NM	
880-17204-215	C-215 4'	Total/NA	Solid	8015 NM	
880-17204-216	C-216 4'	Total/NA	Solid	8015 NM	
880-17204-217	C-217 4'	Total/NA	Solid	8015 NM	
880-17204-218	C-218 4'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30774 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-219	C-219 4'	Total/NA	Solid	8015 NM	
880-17204-220	C-220 4'	Total/NA	Solid	8015 NM	
880-17204-221	C-221 0-4'	Total/NA	Solid	8015 NM	
880-17204-222	C-222 0-4'	Total/NA	Solid	8015 NM	
880-17204-223	C-223 0-4'	Total/NA	Solid	8015 NM	
880-17204-224	C-224 0-4'	Total/NA	Solid	8015 NM	
880-17204-225	C-225 0-4'	Total/NA	Solid	8015 NM	
880-17204-226	C-226 0-4'	Total/NA	Solid	8015 NM	
880-17204-227	C-227 0-4'	Total/NA	Solid	8015 NM	
880-17204-228	C-228 0-4'	Total/NA	Solid	8015 NM	
880-17204-229	C-229 0-4'	Total/NA	Solid	8015 NM	
880-17204-230	C-230 0-4'	Total/NA	Solid	8015 NM	

Prep Batch: 30806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-141	C-141 1.5	Total/NA	Solid	8015NM Prep	
880-17204-142	C-142 1.5	Total/NA	Solid	8015NM Prep	
880-17204-143	C-143 1.5	Total/NA	Solid	8015NM Prep	
880-17204-144	C-144 1.5	Total/NA	Solid	8015NM Prep	
880-17204-145	C-145 1.5	Total/NA	Solid	8015NM Prep	
880-17204-146	C-146 1.5	Total/NA	Solid	8015NM Prep	
880-17204-147	C-147 1.5	Total/NA	Solid	8015NM Prep	
880-17204-148	C-148 1.5	Total/NA	Solid	8015NM Prep	
880-17204-149	C-149 1.5	Total/NA	Solid	8015NM Prep	
880-17204-150	C-150 1.5	Total/NA	Solid	8015NM Prep	
880-17204-151	C-151 1.5	Total/NA	Solid	8015NM Prep	
880-17204-152	C-152 1.5	Total/NA	Solid	8015NM Prep	
880-17204-153	C-153 1.5	Total/NA	Solid	8015NM Prep	
880-17204-154	C-154 1.5	Total/NA	Solid	8015NM Prep	
880-17204-155	C-155 1.5	Total/NA	Solid	8015NM Prep	
880-17204-156	C-156 1.5	Total/NA	Solid	8015NM Prep	
880-17204-157	C-157 1.5	Total/NA	Solid	8015NM Prep	
880-17204-158	C-158 1.5	Total/NA	Solid	8015NM Prep	
880-17204-159	C-159 1.5	Total/NA	Solid	8015NM Prep	
880-17204-160	C-160 1.5	Total/NA	Solid	8015NM Prep	
MB 880-30806/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30806/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30806/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17204-141 MS	C-141 1.5	Total/NA	Solid	8015NM Prep	
880-17204-141 MSD	C-141 1.5	Total/NA	Solid	8015NM Prep	

Prep Batch: 30807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-161	C-161 1.5	Total/NA	Solid	8015NM Prep	
880-17204-162	C-162 1.5	Total/NA	Solid	8015NM Prep	
880-17204-163	C-163 1.5	Total/NA	Solid	8015NM Prep	
880-17204-164	C-164 0-2.5	Total/NA	Solid	8015NM Prep	
880-17204-165	C-165 0-2.5	Total/NA	Solid	8015NM Prep	
880-17204-166	C-166 0-2.5'	Total/NA	Solid	8015NM Prep	
880-17204-167	C-167 0-2.5'	Total/NA	Solid	8015NM Prep	
880-17204-168	C-168 0-2.5'	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Prep Batch: 30807 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-169	C-169 0-1.5'	Total/NA	Solid	8015NM Prep	
880-17204-170	C-170 0-1.5'	Total/NA	Solid	8015NM Prep	
880-17204-171	C-171 0-1.5'	Total/NA	Solid	8015NM Prep	
880-17204-172	C-172 0-1.5'	Total/NA	Solid	8015NM Prep	
880-17204-173	C-173 0-1.5'	Total/NA	Solid	8015NM Prep	
880-17204-174	C-174 4'	Total/NA	Solid	8015NM Prep	
880-17204-175	C-175 4'	Total/NA	Solid	8015NM Prep	
880-17204-176	C-176 4'	Total/NA	Solid	8015NM Prep	
880-17204-177	C-177 4'	Total/NA	Solid	8015NM Prep	
880-17204-178	C-178 4'	Total/NA	Solid	8015NM Prep	
880-17204-179	C-179 4'	Total/NA	Solid	8015NM Prep	
880-17204-180	C-180 4'	Total/NA	Solid	8015NM Prep	
MB 880-30807/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30807/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30807/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17204-167 MS	C-167 0-2.5'	Total/NA	Solid	8015NM Prep	
880-17204-167 MSD	C-167 0-2.5'	Total/NA	Solid	8015NM Prep	

Prep Batch: 30836

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-181	C-181 4'	Total/NA	Solid	8015NM Prep	
880-17204-182	C-182 4'	Total/NA	Solid	8015NM Prep	
880-17204-183	C-183 4'	Total/NA	Solid	8015NM Prep	
880-17204-184	C-184 4'	Total/NA	Solid	8015NM Prep	
880-17204-185	C-185 4'	Total/NA	Solid	8015NM Prep	
880-17204-186	C-186 4'	Total/NA	Solid	8015NM Prep	
880-17204-187	C-187 4'	Total/NA	Solid	8015NM Prep	
880-17204-188	C-188 4'	Total/NA	Solid	8015NM Prep	
880-17204-189	C-189 4'	Total/NA	Solid	8015NM Prep	
880-17204-190	C-190 4'	Total/NA	Solid	8015NM Prep	
880-17204-191	C-191 4'	Total/NA	Solid	8015NM Prep	
880-17204-192	C-192 4'	Total/NA	Solid	8015NM Prep	
880-17204-193	C-193 4'	Total/NA	Solid	8015NM Prep	
880-17204-194	C-194 4'	Total/NA	Solid	8015NM Prep	
880-17204-195	C-195 4'	Total/NA	Solid	8015NM Prep	
880-17204-196	C-196	Total/NA	Solid	8015NM Prep	
880-17204-197	C-197	Total/NA	Solid	8015NM Prep	
880-17204-198	C-198	Total/NA	Solid	8015NM Prep	
880-17204-199	C-199	Total/NA	Solid	8015NM Prep	
880-17204-200	C-200	Total/NA	Solid	8015NM Prep	
MB 880-30836/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30836/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30836/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17204-181 MS	C-181 4'	Total/NA	Solid	8015NM Prep	
880-17204-181 MSD	C-181 4'	Total/NA	Solid	8015NM Prep	

Prep Batch: 30837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-201	C-201	Total/NA	Solid	8015NM Prep	
880-17204-202	C-202	Total/NA	Solid	8015NM Prep	
880-17204-203	C-203	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Prep Batch: 30837 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-204	C-204	Total/NA	Solid	8015NM Prep	
880-17204-205	C-205	Total/NA	Solid	8015NM Prep	
880-17204-206	C-206	Total/NA	Solid	8015NM Prep	
880-17204-207	C-207	Total/NA	Solid	8015NM Prep	
880-17204-208	C-208	Total/NA	Solid	8015NM Prep	
880-17204-209	C-209	Total/NA	Solid	8015NM Prep	
880-17204-210	C-210	Total/NA	Solid	8015NM Prep	
880-17204-211	C-211 4'	Total/NA	Solid	8015NM Prep	
880-17204-212	C-212 4'	Total/NA	Solid	8015NM Prep	
880-17204-213	C-213 4'	Total/NA	Solid	8015NM Prep	
880-17204-214	C-214 4'	Total/NA	Solid	8015NM Prep	
880-17204-215	C-215 4'	Total/NA	Solid	8015NM Prep	
880-17204-216	C-216 4'	Total/NA	Solid	8015NM Prep	
880-17204-217	C-217 4'	Total/NA	Solid	8015NM Prep	
880-17204-218	C-218 4'	Total/NA	Solid	8015NM Prep	
880-17204-219	C-219 4'	Total/NA	Solid	8015NM Prep	
880-17204-220	C-220 4'	Total/NA	Solid	8015NM Prep	
MB 880-30837/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30837/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-17204-201 MS	C-201	Total/NA	Solid	8015NM Prep	
880-17204-201 MSD	C-201	Total/NA	Solid	8015NM Prep	

Analysis Batch: 30861

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-101	C-101 2'	Total/NA	Solid	8015B NM	30715
880-17204-102	C-102 2'	Total/NA	Solid	8015B NM	30715
880-17204-103	C-103 2'	Total/NA	Solid	8015B NM	30715
880-17204-104	C-104 2'	Total/NA	Solid	8015B NM	30715
880-17204-105	C-105 2'	Total/NA	Solid	8015B NM	30715
880-17204-106	C-106 2'	Total/NA	Solid	8015B NM	30715
880-17204-107	C-107 2'	Total/NA	Solid	8015B NM	30715
880-17204-108	C-108 2'	Total/NA	Solid	8015B NM	30715
880-17204-109	C-109 2'	Total/NA	Solid	8015B NM	30715
880-17204-110	C-110 2'	Total/NA	Solid	8015B NM	30715
880-17204-111	C-111 2'	Total/NA	Solid	8015B NM	30715
880-17204-112	C-112 2'	Total/NA	Solid	8015B NM	30715
880-17204-113	C-113 2'	Total/NA	Solid	8015B NM	30715
880-17204-114	C-114 2'	Total/NA	Solid	8015B NM	30715
880-17204-115	C-115 2'	Total/NA	Solid	8015B NM	30715
880-17204-116	C-116 2'	Total/NA	Solid	8015B NM	30715
880-17204-117	C-117 0-2'	Total/NA	Solid	8015B NM	30715
880-17204-118	C-118 0-2'	Total/NA	Solid	8015B NM	30715
880-17204-119	C-119 0-2'	Total/NA	Solid	8015B NM	30715
880-17204-120	C-120 0-2'	Total/NA	Solid	8015B NM	30715
880-17204-121	C-121 0-2'	Total/NA	Solid	8015B NM	30736
880-17204-122	C-122 0-2'	Total/NA	Solid	8015B NM	30736
880-17204-123	C-123 2.5	Total/NA	Solid	8015B NM	30736
880-17204-124	C-124 2.5	Total/NA	Solid	8015B NM	30736
880-17204-125	C-125 2.5	Total/NA	Solid	8015B NM	30736
880-17204-126	C-126 2.5	Total/NA	Solid	8015B NM	30736

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30861 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-127	C-127 2.5	Total/NA	Solid	8015B NM	30736
880-17204-128	C-128 2.5	Total/NA	Solid	8015B NM	30736
880-17204-129	C-129 2.5	Total/NA	Solid	8015B NM	30736
880-17204-130	C-130 2.5	Total/NA	Solid	8015B NM	30736
880-17204-131	C-131 2.5	Total/NA	Solid	8015B NM	30736
880-17204-132	C-132 2.5	Total/NA	Solid	8015B NM	30736
880-17204-133	C-133 2.5	Total/NA	Solid	8015B NM	30736
880-17204-134	C-134 2.5	Total/NA	Solid	8015B NM	30736
880-17204-135	C-135 2.5	Total/NA	Solid	8015B NM	30736
880-17204-136	C-136 2.5	Total/NA	Solid	8015B NM	30736
880-17204-137	C-137 2.5	Total/NA	Solid	8015B NM	30736
880-17204-138	C-138 2.5	Total/NA	Solid	8015B NM	30736
880-17204-139	C-139 2.5	Total/NA	Solid	8015B NM	30736
880-17204-140	C-140 1.5	Total/NA	Solid	8015B NM	30736
MB 880-30715/1-A	Method Blank	Total/NA	Solid	8015B NM	30715
MB 880-30736/1-A	Method Blank	Total/NA	Solid	8015B NM	30736
LCS 880-30715/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30715
LCS 880-30736/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30736
LCSD 880-30715/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30715
LCSD 880-30736/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30736
880-17204-101 MS	C-101 2'	Total/NA	Solid	8015B NM	30715
880-17204-101 MSD	C-101 2'	Total/NA	Solid	8015B NM	30715
880-17204-121 MS	C-121 0-2'	Total/NA	Solid	8015B NM	30736
880-17204-121 MSD	C-121 0-2'	Total/NA	Solid	8015B NM	30736

Analysis Batch: 30863

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-141	C-141 1.5	Total/NA	Solid	8015B NM	30806
880-17204-142	C-142 1.5	Total/NA	Solid	8015B NM	30806
880-17204-143	C-143 1.5	Total/NA	Solid	8015B NM	30806
880-17204-144	C-144 1.5	Total/NA	Solid	8015B NM	30806
880-17204-145	C-145 1.5	Total/NA	Solid	8015B NM	30806
880-17204-146	C-146 1.5	Total/NA	Solid	8015B NM	30806
880-17204-147	C-147 1.5	Total/NA	Solid	8015B NM	30806
880-17204-148	C-148 1.5	Total/NA	Solid	8015B NM	30806
880-17204-149	C-149 1.5	Total/NA	Solid	8015B NM	30806
880-17204-150	C-150 1.5	Total/NA	Solid	8015B NM	30806
880-17204-151	C-151 1.5	Total/NA	Solid	8015B NM	30806
880-17204-152	C-152 1.5	Total/NA	Solid	8015B NM	30806
880-17204-153	C-153 1.5	Total/NA	Solid	8015B NM	30806
880-17204-154	C-154 1.5	Total/NA	Solid	8015B NM	30806
880-17204-155	C-155 1.5	Total/NA	Solid	8015B NM	30806
880-17204-156	C-156 1.5	Total/NA	Solid	8015B NM	30806
880-17204-157	C-157 1.5	Total/NA	Solid	8015B NM	30806
880-17204-158	C-158 1.5	Total/NA	Solid	8015B NM	30806
880-17204-159	C-159 1.5	Total/NA	Solid	8015B NM	30806
880-17204-160	C-160 1.5	Total/NA	Solid	8015B NM	30806
880-17204-226	C-226 0-4'	Total/NA	Solid	8015B NM	30915
880-17204-227	C-227 0-4'	Total/NA	Solid	8015B NM	30915
880-17204-228	C-228 0-4'	Total/NA	Solid	8015B NM	30915
880-17204-229	C-229 0-4'	Total/NA	Solid	8015B NM	30915

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30863 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-230	C-230 0-4'	Total/NA	Solid	8015B NM	30915
MB 880-30806/1-A	Method Blank	Total/NA	Solid	8015B NM	30806
MB 880-30915/1-A	Method Blank	Total/NA	Solid	8015B NM	30915
LCS 880-30806/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30806
LCS 880-30915/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30915
LCSD 880-30806/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30806
LCSD 880-30915/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30915
880-17204-141 MS	C-141 1.5	Total/NA	Solid	8015B NM	30806
880-17204-141 MSD	C-141 1.5	Total/NA	Solid	8015B NM	30806

Prep Batch: 30915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-226	C-226 0-4'	Total/NA	Solid	8015NM Prep	
880-17204-227	C-227 0-4'	Total/NA	Solid	8015NM Prep	
880-17204-228	C-228 0-4'	Total/NA	Solid	8015NM Prep	
880-17204-229	C-229 0-4'	Total/NA	Solid	8015NM Prep	
880-17204-230	C-230 0-4'	Total/NA	Solid	8015NM Prep	
MB 880-30915/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30915/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30915/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 30925

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-221	C-221 0-4'	Total/NA	Solid	8015NM Prep	
880-17204-222	C-222 0-4'	Total/NA	Solid	8015NM Prep	
880-17204-223	C-223 0-4'	Total/NA	Solid	8015NM Prep	
880-17204-224	C-224 0-4'	Total/NA	Solid	8015NM Prep	
880-17204-225	C-225 0-4'	Total/NA	Solid	8015NM Prep	
MB 880-30925/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-30925/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-30925/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 30950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-181	C-181 4'	Total/NA	Solid	8015B NM	30836
880-17204-182	C-182 4'	Total/NA	Solid	8015B NM	30836
880-17204-183	C-183 4'	Total/NA	Solid	8015B NM	30836
880-17204-184	C-184 4'	Total/NA	Solid	8015B NM	30836
880-17204-185	C-185 4'	Total/NA	Solid	8015B NM	30836
880-17204-186	C-186 4'	Total/NA	Solid	8015B NM	30836
880-17204-187	C-187 4'	Total/NA	Solid	8015B NM	30836
880-17204-188	C-188 4'	Total/NA	Solid	8015B NM	30836
880-17204-189	C-189 4'	Total/NA	Solid	8015B NM	30836
880-17204-190	C-190 4'	Total/NA	Solid	8015B NM	30836
880-17204-191	C-191 4'	Total/NA	Solid	8015B NM	30836
880-17204-192	C-192 4'	Total/NA	Solid	8015B NM	30836
880-17204-193	C-193 4'	Total/NA	Solid	8015B NM	30836
880-17204-194	C-194 4'	Total/NA	Solid	8015B NM	30836
880-17204-195	C-195 4'	Total/NA	Solid	8015B NM	30836
880-17204-196	C-196	Total/NA	Solid	8015B NM	30836
880-17204-197	C-197	Total/NA	Solid	8015B NM	30836

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30950 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-198	C-198	Total/NA	Solid	8015B NM	30836
880-17204-199	C-199	Total/NA	Solid	8015B NM	30836
880-17204-200	C-200	Total/NA	Solid	8015B NM	30836
880-17204-201	C-201	Total/NA	Solid	8015B NM	30837
880-17204-202	C-202	Total/NA	Solid	8015B NM	30837
880-17204-203	C-203	Total/NA	Solid	8015B NM	30837
880-17204-204	C-204	Total/NA	Solid	8015B NM	30837
880-17204-205	C-205	Total/NA	Solid	8015B NM	30837
880-17204-206	C-206	Total/NA	Solid	8015B NM	30837
880-17204-207	C-207	Total/NA	Solid	8015B NM	30837
880-17204-208	C-208	Total/NA	Solid	8015B NM	30837
880-17204-209	C-209	Total/NA	Solid	8015B NM	30837
880-17204-210	C-210	Total/NA	Solid	8015B NM	30837
880-17204-211	C-211 4'	Total/NA	Solid	8015B NM	30837
880-17204-212	C-212 4'	Total/NA	Solid	8015B NM	30837
880-17204-213	C-213 4'	Total/NA	Solid	8015B NM	30837
880-17204-214	C-214 4'	Total/NA	Solid	8015B NM	30837
880-17204-215	C-215 4'	Total/NA	Solid	8015B NM	30837
880-17204-216	C-216 4'	Total/NA	Solid	8015B NM	30837
880-17204-217	C-217 4'	Total/NA	Solid	8015B NM	30837
880-17204-218	C-218 4'	Total/NA	Solid	8015B NM	30837
880-17204-219	C-219 4'	Total/NA	Solid	8015B NM	30837
880-17204-220	C-220 4'	Total/NA	Solid	8015B NM	30837
MB 880-30836/1-A	Method Blank	Total/NA	Solid	8015B NM	30836
MB 880-30837/1-A	Method Blank	Total/NA	Solid	8015B NM	30837
LCS 880-30836/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30836
LCS 880-30837/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30837
LCSD 880-30836/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30836
LCSD 880-30837/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30837
880-17204-181 MS	C-181 4'	Total/NA	Solid	8015B NM	30836
880-17204-181 MSD	C-181 4'	Total/NA	Solid	8015B NM	30836
880-17204-201 MS	C-201	Total/NA	Solid	8015B NM	30837
880-17204-201 MSD	C-201	Total/NA	Solid	8015B NM	30837

Analysis Batch: 30952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-161	C-161 1.5	Total/NA	Solid	8015B NM	30807
880-17204-162	C-162 1.5	Total/NA	Solid	8015B NM	30807
880-17204-163	C-163 1.5	Total/NA	Solid	8015B NM	30807
880-17204-164	C-164 0-2.5	Total/NA	Solid	8015B NM	30807
880-17204-165	C-165 0-2.5	Total/NA	Solid	8015B NM	30807
880-17204-166	C-166 0-2.5'	Total/NA	Solid	8015B NM	30807
880-17204-167	C-167 0-2.5'	Total/NA	Solid	8015B NM	30807
880-17204-168	C-168 0-2.5'	Total/NA	Solid	8015B NM	30807
880-17204-169	C-169 0-1.5'	Total/NA	Solid	8015B NM	30807
880-17204-170	C-170 0-1.5'	Total/NA	Solid	8015B NM	30807
880-17204-171	C-171 0-1.5'	Total/NA	Solid	8015B NM	30807
880-17204-172	C-172 0-1.5'	Total/NA	Solid	8015B NM	30807
880-17204-173	C-173 0-1.5'	Total/NA	Solid	8015B NM	30807
880-17204-174	C-174 4'	Total/NA	Solid	8015B NM	30807
880-17204-175	C-175 4'	Total/NA	Solid	8015B NM	30807

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

GC Semi VOA (Continued)

Analysis Batch: 30952 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-176	C-176 4'	Total/NA	Solid	8015B NM	30807
880-17204-177	C-177 4'	Total/NA	Solid	8015B NM	30807
880-17204-178	C-178 4'	Total/NA	Solid	8015B NM	30807
880-17204-179	C-179 4'	Total/NA	Solid	8015B NM	30807
880-17204-180	C-180 4'	Total/NA	Solid	8015B NM	30807
880-17204-221	C-221 0-4'	Total/NA	Solid	8015B NM	30925
880-17204-222	C-222 0-4'	Total/NA	Solid	8015B NM	30925
880-17204-223	C-223 0-4'	Total/NA	Solid	8015B NM	30925
880-17204-224	C-224 0-4'	Total/NA	Solid	8015B NM	30925
880-17204-225	C-225 0-4'	Total/NA	Solid	8015B NM	30925
MB 880-30807/1-A	Method Blank	Total/NA	Solid	8015B NM	30807
MB 880-30925/1-A	Method Blank	Total/NA	Solid	8015B NM	30925
LCS 880-30807/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30807
LCS 880-30925/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	30925
LCSD 880-30807/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30807
LCSD 880-30925/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	30925
880-17204-167 MS	C-167 0-2.5'	Total/NA	Solid	8015B NM	30807
880-17204-167 MSD	C-167 0-2.5'	Total/NA	Solid	8015B NM	30807

HPLC/IC

Leach Batch: 30258

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-1	C-1 1.5'	Soluble	Solid	DI Leach	
880-17204-2	C-2 1.5'	Soluble	Solid	DI Leach	
880-17204-3	C-3 1.5'	Soluble	Solid	DI Leach	
880-17204-4	C-4 1.5'	Soluble	Solid	DI Leach	
880-17204-5	C-5 1.5'	Soluble	Solid	DI Leach	
880-17204-6	C-6 1.5'	Soluble	Solid	DI Leach	
880-17204-7	C-7 1.5'	Soluble	Solid	DI Leach	
880-17204-8	C-8 1.5'	Soluble	Solid	DI Leach	
880-17204-9	C-9 1.5'	Soluble	Solid	DI Leach	
880-17204-10	C-10 1.5'	Soluble	Solid	DI Leach	
880-17204-11	C-11 1.5'	Soluble	Solid	DI Leach	
880-17204-12	C-12 1.5'	Soluble	Solid	DI Leach	
880-17204-13	C-13 2'	Soluble	Solid	DI Leach	
880-17204-14	C-14 2'	Soluble	Solid	DI Leach	
880-17204-15	C-15 2'	Soluble	Solid	DI Leach	
MB 880-30258/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30258/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30258/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-6 MS	C-6 1.5'	Soluble	Solid	DI Leach	
880-17204-6 MSD	C-6 1.5'	Soluble	Solid	DI Leach	

Leach Batch: 30259

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-16	C-16 1'	Soluble	Solid	DI Leach	
880-17204-17	C-17 1'	Soluble	Solid	DI Leach	
880-17204-18	C-18 1'	Soluble	Solid	DI Leach	
880-17204-19	C-19 1'	Soluble	Solid	DI Leach	
880-17204-20	C-20 2'	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Leach Batch: 30259 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-21	C-21 2'	Soluble	Solid	DI Leach	
880-17204-22	C-22 2'	Soluble	Solid	DI Leach	
880-17204-23	C-23 2'	Soluble	Solid	DI Leach	
880-17204-24	C-24 2'	Soluble	Solid	DI Leach	
880-17204-25	C-25 2'	Soluble	Solid	DI Leach	
880-17204-26	C-26 2'	Soluble	Solid	DI Leach	
880-17204-27	C-27 2'	Soluble	Solid	DI Leach	
880-17204-28	C-28 2'	Soluble	Solid	DI Leach	
880-17204-29	C-29 2'	Soluble	Solid	DI Leach	
880-17204-30	C-30 2'	Soluble	Solid	DI Leach	
880-17204-31	C-31 2'	Soluble	Solid	DI Leach	
880-17204-32	C-32 2'	Soluble	Solid	DI Leach	
880-17204-33	C-33 2'	Soluble	Solid	DI Leach	
880-17204-34	C-34 2'	Soluble	Solid	DI Leach	
880-17204-35	C-35 2'	Soluble	Solid	DI Leach	
MB 880-30259/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30259/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30259/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-16 MS	C-16 1'	Soluble	Solid	DI Leach	
880-17204-16 MSD	C-16 1'	Soluble	Solid	DI Leach	
880-17204-26 MS	C-26 2'	Soluble	Solid	DI Leach	
880-17204-26 MSD	C-26 2'	Soluble	Solid	DI Leach	

Leach Batch: 30260

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-36	C- 36 0-1.5'	Soluble	Solid	DI Leach	
880-17204-37	C-37 0-2'	Soluble	Solid	DI Leach	
880-17204-38	C-38 0-2'	Soluble	Solid	DI Leach	
880-17204-39	C-39 0-2'	Soluble	Solid	DI Leach	
880-17204-40	C-40 0-2'	Soluble	Solid	DI Leach	
880-17204-41	C-41 0-2'	Soluble	Solid	DI Leach	
880-17204-42	C-42 0-2'	Soluble	Solid	DI Leach	
880-17204-43	C-43 0-2'	Soluble	Solid	DI Leach	
880-17204-44	C-44 0-1.5'	Soluble	Solid	DI Leach	
880-17204-45	C-45 2	Soluble	Solid	DI Leach	
880-17204-46	C-46 2	Soluble	Solid	DI Leach	
880-17204-47	C-47 2	Soluble	Solid	DI Leach	
880-17204-48	C-48 2	Soluble	Solid	DI Leach	
880-17204-49	C-49 2	Soluble	Solid	DI Leach	
880-17204-50	C-50 2	Soluble	Solid	DI Leach	
880-17204-51	C-51 2	Soluble	Solid	DI Leach	
880-17204-52	C-52 2	Soluble	Solid	DI Leach	
880-17204-53	C-53 2	Soluble	Solid	DI Leach	
880-17204-54	C-54 2	Soluble	Solid	DI Leach	
880-17204-55	C-55 2	Soluble	Solid	DI Leach	
MB 880-30260/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30260/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30260/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-36 MS	C- 36 0-1.5'	Soluble	Solid	DI Leach	
880-17204-36 MSD	C- 36 0-1.5'	Soluble	Solid	DI Leach	
880-17204-46 MS	C-46 2	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Leach Batch: 30260 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-46 MSD	C-46 2	Soluble	Solid	DI Leach	

Leach Batch: 30261

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-56	C-56 2	Soluble	Solid	DI Leach	
880-17204-57	C-57 2	Soluble	Solid	DI Leach	
880-17204-58	C-58 2	Soluble	Solid	DI Leach	
880-17204-59	C-59 2	Soluble	Solid	DI Leach	
880-17204-60	C-60 2	Soluble	Solid	DI Leach	
880-17204-61	C-61 2'	Soluble	Solid	DI Leach	
880-17204-62	C-62 2'	Soluble	Solid	DI Leach	
880-17204-63	C-63 2'	Soluble	Solid	DI Leach	
880-17204-64	C-64 2'	Soluble	Solid	DI Leach	
880-17204-65	C-65 2'	Soluble	Solid	DI Leach	
880-17204-66	C-66 2'	Soluble	Solid	DI Leach	
880-17204-67	C-67 2'	Soluble	Solid	DI Leach	
880-17204-68	C-68 2'	Soluble	Solid	DI Leach	
880-17204-69	C-69 2'	Soluble	Solid	DI Leach	
880-17204-70	C-70 2'	Soluble	Solid	DI Leach	
880-17204-71	C-71 2'	Soluble	Solid	DI Leach	
880-17204-72	C-72 2'	Soluble	Solid	DI Leach	
880-17204-73	C-73 2'	Soluble	Solid	DI Leach	
880-17204-74	C-74 2'	Soluble	Solid	DI Leach	
880-17204-75	C-75 2'	Soluble	Solid	DI Leach	
MB 880-30261/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30261/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30261/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-56 MS	C-56 2	Soluble	Solid	DI Leach	
880-17204-56 MSD	C-56 2	Soluble	Solid	DI Leach	
880-17204-66 MS	C-66 2'	Soluble	Solid	DI Leach	
880-17204-66 MSD	C-66 2'	Soluble	Solid	DI Leach	

Leach Batch: 30262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-76	C-76 2'	Soluble	Solid	DI Leach	
880-17204-77	C-77 2'	Soluble	Solid	DI Leach	
880-17204-78	C-78 2'	Soluble	Solid	DI Leach	
880-17204-79	C-79 2'	Soluble	Solid	DI Leach	
880-17204-80	C-80 2'	Soluble	Solid	DI Leach	
880-17204-81	C-81 2'	Soluble	Solid	DI Leach	
880-17204-82	C-82 2'	Soluble	Solid	DI Leach	
880-17204-83	C-83 2'	Soluble	Solid	DI Leach	
880-17204-84	C-84 2'	Soluble	Solid	DI Leach	
880-17204-85	C-85 2'	Soluble	Solid	DI Leach	
880-17204-86	C-86 2'	Soluble	Solid	DI Leach	
880-17204-87	C-87 2'	Soluble	Solid	DI Leach	
880-17204-88	C-88 2'	Soluble	Solid	DI Leach	
880-17204-89	C-89 2'	Soluble	Solid	DI Leach	
880-17204-90	C-90 2'	Soluble	Solid	DI Leach	
880-17204-91	C-91 2'	Soluble	Solid	DI Leach	
880-17204-92	C-92 2'	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Leach Batch: 30262 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-93	C-93 2'	Soluble	Solid	DI Leach	
880-17204-94	C-94 2'	Soluble	Solid	DI Leach	
880-17204-95	C-95 2'	Soluble	Solid	DI Leach	
MB 880-30262/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30262/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30262/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-76 MS	C-76 2'	Soluble	Solid	DI Leach	
880-17204-76 MSD	C-76 2'	Soluble	Solid	DI Leach	
880-17204-86 MS	C-86 2'	Soluble	Solid	DI Leach	
880-17204-86 MSD	C-86 2'	Soluble	Solid	DI Leach	

Leach Batch: 30264

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-96	C-96 2'	Soluble	Solid	DI Leach	
880-17204-97	C-97 2'	Soluble	Solid	DI Leach	
880-17204-98	C-98 2'	Soluble	Solid	DI Leach	
880-17204-99	C-99 2'	Soluble	Solid	DI Leach	
880-17204-100	C-100 2'	Soluble	Solid	DI Leach	
880-17204-101	C-101 2'	Soluble	Solid	DI Leach	
880-17204-102	C-102 2'	Soluble	Solid	DI Leach	
880-17204-103	C-103 2'	Soluble	Solid	DI Leach	
880-17204-104	C-104 2'	Soluble	Solid	DI Leach	
880-17204-105	C-105 2'	Soluble	Solid	DI Leach	
880-17204-106	C-106 2'	Soluble	Solid	DI Leach	
880-17204-107	C-107 2'	Soluble	Solid	DI Leach	
880-17204-108	C-108 2'	Soluble	Solid	DI Leach	
880-17204-109	C-109 2'	Soluble	Solid	DI Leach	
880-17204-110	C-110 2'	Soluble	Solid	DI Leach	
880-17204-111	C-111 2'	Soluble	Solid	DI Leach	
880-17204-112	C-112 2'	Soluble	Solid	DI Leach	
880-17204-113	C-113 2'	Soluble	Solid	DI Leach	
880-17204-114	C-114 2'	Soluble	Solid	DI Leach	
880-17204-115	C-115 2'	Soluble	Solid	DI Leach	
MB 880-30264/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30264/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30264/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-96 MS	C-96 2'	Soluble	Solid	DI Leach	
880-17204-96 MSD	C-96 2'	Soluble	Solid	DI Leach	
880-17204-106 MS	C-106 2'	Soluble	Solid	DI Leach	
880-17204-106 MSD	C-106 2'	Soluble	Solid	DI Leach	

Leach Batch: 30265

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-116	C-116 2'	Soluble	Solid	DI Leach	
880-17204-117	C-117 0-2'	Soluble	Solid	DI Leach	
880-17204-118	C-118 0-2'	Soluble	Solid	DI Leach	
880-17204-119	C-119 0-2'	Soluble	Solid	DI Leach	
880-17204-120	C-120 0-2'	Soluble	Solid	DI Leach	
880-17204-121	C-121 0-2'	Soluble	Solid	DI Leach	
880-17204-122	C-122 0-2'	Soluble	Solid	DI Leach	
880-17204-123	C-123 2.5	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Leach Batch: 30265 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-124	C-124 2.5	Soluble	Solid	DI Leach	
880-17204-125	C-125 2.5	Soluble	Solid	DI Leach	
880-17204-126	C-126 2.5	Soluble	Solid	DI Leach	
880-17204-127	C-127 2.5	Soluble	Solid	DI Leach	
880-17204-128	C-128 2.5	Soluble	Solid	DI Leach	
880-17204-129	C-129 2.5	Soluble	Solid	DI Leach	
880-17204-130	C-130 2.5	Soluble	Solid	DI Leach	
880-17204-131	C-131 2.5	Soluble	Solid	DI Leach	
880-17204-132	C-132 2.5	Soluble	Solid	DI Leach	
880-17204-133	C-133 2.5	Soluble	Solid	DI Leach	
880-17204-134	C-134 2.5	Soluble	Solid	DI Leach	
880-17204-135	C-135 2.5	Soluble	Solid	DI Leach	
MB 880-30265/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30265/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30265/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-116 MS	C-116 2'	Soluble	Solid	DI Leach	
880-17204-116 MSD	C-116 2'	Soluble	Solid	DI Leach	
880-17204-126 MS	C-126 2.5	Soluble	Solid	DI Leach	
880-17204-126 MSD	C-126 2.5	Soluble	Solid	DI Leach	

Leach Batch: 30266

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-136	C-136 2.5	Soluble	Solid	DI Leach	
880-17204-137	C-137 2.5	Soluble	Solid	DI Leach	
880-17204-138	C-138 2.5	Soluble	Solid	DI Leach	
880-17204-139	C-139 2.5	Soluble	Solid	DI Leach	
880-17204-140	C-140 1.5	Soluble	Solid	DI Leach	
880-17204-141	C-141 1.5	Soluble	Solid	DI Leach	
880-17204-142	C-142 1.5	Soluble	Solid	DI Leach	
880-17204-143	C-143 1.5	Soluble	Solid	DI Leach	
880-17204-144	C-144 1.5	Soluble	Solid	DI Leach	
880-17204-145	C-145 1.5	Soluble	Solid	DI Leach	
880-17204-146	C-146 1.5	Soluble	Solid	DI Leach	
880-17204-147	C-147 1.5	Soluble	Solid	DI Leach	
880-17204-148	C-148 1.5	Soluble	Solid	DI Leach	
880-17204-149	C-149 1.5	Soluble	Solid	DI Leach	
880-17204-150	C-150 1.5	Soluble	Solid	DI Leach	
880-17204-151	C-151 1.5	Soluble	Solid	DI Leach	
880-17204-152	C-152 1.5	Soluble	Solid	DI Leach	
880-17204-153	C-153 1.5	Soluble	Solid	DI Leach	
880-17204-154	C-154 1.5	Soluble	Solid	DI Leach	
880-17204-155	C-155 1.5	Soluble	Solid	DI Leach	
MB 880-30266/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30266/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30266/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-136 MS	C-136 2.5	Soluble	Solid	DI Leach	
880-17204-136 MSD	C-136 2.5	Soluble	Solid	DI Leach	
880-17204-146 MS	C-146 1.5	Soluble	Solid	DI Leach	
880-17204-146 MSD	C-146 1.5	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC

Leach Batch: 30270

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-156	C-156 1.5	Soluble	Solid	DI Leach	
880-17204-157	C-157 1.5	Soluble	Solid	DI Leach	
880-17204-158	C-158 1.5	Soluble	Solid	DI Leach	
880-17204-159	C-159 1.5	Soluble	Solid	DI Leach	
880-17204-160	C-160 1.5	Soluble	Solid	DI Leach	
880-17204-161	C-161 1.5	Soluble	Solid	DI Leach	
880-17204-162	C-162 1.5	Soluble	Solid	DI Leach	
880-17204-163	C-163 1.5	Soluble	Solid	DI Leach	
880-17204-164	C-164 0-2.5	Soluble	Solid	DI Leach	
880-17204-165	C-165 0-2.5	Soluble	Solid	DI Leach	
880-17204-166	C-166 0-2.5'	Soluble	Solid	DI Leach	
880-17204-167	C-167 0-2.5'	Soluble	Solid	DI Leach	
880-17204-168	C-168 0-2.5'	Soluble	Solid	DI Leach	
880-17204-169	C-169 0-1.5'	Soluble	Solid	DI Leach	
880-17204-170	C-170 0-1.5'	Soluble	Solid	DI Leach	
880-17204-171	C-171 0-1.5'	Soluble	Solid	DI Leach	
880-17204-172	C-172 0-1.5'	Soluble	Solid	DI Leach	
880-17204-173	C-173 0-1.5'	Soluble	Solid	DI Leach	
880-17204-174	C-174 4'	Soluble	Solid	DI Leach	
880-17204-175	C-175 4'	Soluble	Solid	DI Leach	
MB 880-30270/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30270/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30270/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-156 MS	C-156 1.5	Soluble	Solid	DI Leach	
880-17204-156 MSD	C-156 1.5	Soluble	Solid	DI Leach	
880-17204-166 MS	C-166 0-2.5'	Soluble	Solid	DI Leach	
880-17204-166 MSD	C-166 0-2.5'	Soluble	Solid	DI Leach	

Leach Batch: 30271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-176	C-176 4'	Soluble	Solid	DI Leach	
880-17204-177	C-177 4'	Soluble	Solid	DI Leach	
880-17204-178	C-178 4'	Soluble	Solid	DI Leach	
880-17204-179	C-179 4'	Soluble	Solid	DI Leach	
880-17204-180	C-180 4'	Soluble	Solid	DI Leach	
880-17204-181	C-181 4'	Soluble	Solid	DI Leach	
880-17204-182	C-182 4'	Soluble	Solid	DI Leach	
880-17204-183	C-183 4'	Soluble	Solid	DI Leach	
880-17204-184	C-184 4'	Soluble	Solid	DI Leach	
880-17204-185	C-185 4'	Soluble	Solid	DI Leach	
880-17204-186	C-186 4'	Soluble	Solid	DI Leach	
880-17204-187	C-187 4'	Soluble	Solid	DI Leach	
880-17204-188	C-188 4'	Soluble	Solid	DI Leach	
880-17204-189	C-189 4'	Soluble	Solid	DI Leach	
880-17204-190	C-190 4'	Soluble	Solid	DI Leach	
880-17204-191	C-191 4'	Soluble	Solid	DI Leach	
880-17204-192	C-192 4'	Soluble	Solid	DI Leach	
880-17204-193	C-193 4'	Soluble	Solid	DI Leach	
880-17204-194	C-194 4'	Soluble	Solid	DI Leach	
880-17204-195	C-195 4'	Soluble	Solid	DI Leach	
MB 880-30271/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Leach Batch: 30271 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-30271/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30271/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-176 MS	C-176 4'	Soluble	Solid	DI Leach	
880-17204-176 MSD	C-176 4'	Soluble	Solid	DI Leach	
880-17204-186 MS	C-186 4'	Soluble	Solid	DI Leach	
880-17204-186 MSD	C-186 4'	Soluble	Solid	DI Leach	

Leach Batch: 30278

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-196	C-196	Soluble	Solid	DI Leach	
880-17204-197	C-197	Soluble	Solid	DI Leach	
880-17204-198	C-198	Soluble	Solid	DI Leach	
880-17204-199	C-199	Soluble	Solid	DI Leach	
880-17204-200	C-200	Soluble	Solid	DI Leach	
880-17204-201	C-201	Soluble	Solid	DI Leach	
880-17204-202	C-202	Soluble	Solid	DI Leach	
880-17204-203	C-203	Soluble	Solid	DI Leach	
880-17204-204	C-204	Soluble	Solid	DI Leach	
880-17204-205	C-205	Soluble	Solid	DI Leach	
880-17204-206	C-206	Soluble	Solid	DI Leach	
880-17204-207	C-207	Soluble	Solid	DI Leach	
880-17204-208	C-208	Soluble	Solid	DI Leach	
880-17204-209	C-209	Soluble	Solid	DI Leach	
880-17204-210	C-210	Soluble	Solid	DI Leach	
880-17204-211	C-211 4'	Soluble	Solid	DI Leach	
880-17204-212	C-212 4'	Soluble	Solid	DI Leach	
880-17204-213	C-213 4'	Soluble	Solid	DI Leach	
880-17204-214	C-214 4'	Soluble	Solid	DI Leach	
880-17204-215	C-215 4'	Soluble	Solid	DI Leach	
MB 880-30278/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30278/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30278/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-196 MS	C-196	Soluble	Solid	DI Leach	
880-17204-196 MSD	C-196	Soluble	Solid	DI Leach	
880-17204-206 MS	C-206	Soluble	Solid	DI Leach	
880-17204-206 MSD	C-206	Soluble	Solid	DI Leach	

Leach Batch: 30279

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-216	C-216 4'	Soluble	Solid	DI Leach	
880-17204-217	C-217 4'	Soluble	Solid	DI Leach	
880-17204-218	C-218 4'	Soluble	Solid	DI Leach	
880-17204-219	C-219 4'	Soluble	Solid	DI Leach	
880-17204-220	C-220 4'	Soluble	Solid	DI Leach	
880-17204-221	C-221 0-4'	Soluble	Solid	DI Leach	
880-17204-222	C-222 0-4'	Soluble	Solid	DI Leach	
880-17204-223	C-223 0-4'	Soluble	Solid	DI Leach	
880-17204-224	C-224 0-4'	Soluble	Solid	DI Leach	
880-17204-225	C-225 0-4'	Soluble	Solid	DI Leach	
880-17204-226	C-226 0-4'	Soluble	Solid	DI Leach	
880-17204-227	C-227 0-4'	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Leach Batch: 30279 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-228	C-228 0-4'	Soluble	Solid	DI Leach	
880-17204-229	C-229 0-4'	Soluble	Solid	DI Leach	
880-17204-230	C-230 0-4'	Soluble	Solid	DI Leach	
MB 880-30279/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-30279/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-30279/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-17204-216 MS	C-216 4'	Soluble	Solid	DI Leach	
880-17204-216 MSD	C-216 4'	Soluble	Solid	DI Leach	
880-17204-226 MS	C-226 0-4'	Soluble	Solid	DI Leach	
880-17204-226 MSD	C-226 0-4'	Soluble	Solid	DI Leach	

Analysis Batch: 30583

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-1	C-1 1.5'	Soluble	Solid	300.0	30258
880-17204-2	C-2 1.5'	Soluble	Solid	300.0	30258
880-17204-3	C-3 1.5'	Soluble	Solid	300.0	30258
880-17204-4	C-4 1.5'	Soluble	Solid	300.0	30258
880-17204-5	C-5 1.5'	Soluble	Solid	300.0	30258
880-17204-6	C-6 1.5'	Soluble	Solid	300.0	30258
880-17204-7	C-7 1.5'	Soluble	Solid	300.0	30258
880-17204-8	C-8 1.5'	Soluble	Solid	300.0	30258
880-17204-9	C-9 1.5'	Soluble	Solid	300.0	30258
880-17204-10	C-10 1.5'	Soluble	Solid	300.0	30258
880-17204-11	C-11 1.5'	Soluble	Solid	300.0	30258
880-17204-12	C-12 1.5'	Soluble	Solid	300.0	30258
880-17204-13	C-13 2'	Soluble	Solid	300.0	30258
880-17204-14	C-14 2'	Soluble	Solid	300.0	30258
880-17204-15	C-15 2'	Soluble	Solid	300.0	30258
MB 880-30258/1-A	Method Blank	Soluble	Solid	300.0	30258
LCS 880-30258/2-A	Lab Control Sample	Soluble	Solid	300.0	30258
LCSD 880-30258/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30258
880-17204-6 MS	C-6 1.5'	Soluble	Solid	300.0	30258
880-17204-6 MSD	C-6 1.5'	Soluble	Solid	300.0	30258

Analysis Batch: 30585

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-16	C-16 1'	Soluble	Solid	300.0	30259
880-17204-17	C-17 1'	Soluble	Solid	300.0	30259
880-17204-18	C-18 1'	Soluble	Solid	300.0	30259
880-17204-19	C-19 1'	Soluble	Solid	300.0	30259
880-17204-20	C-20 2'	Soluble	Solid	300.0	30259
880-17204-21	C-21 2'	Soluble	Solid	300.0	30259
880-17204-22	C-22 2'	Soluble	Solid	300.0	30259
880-17204-23	C-23 2'	Soluble	Solid	300.0	30259
880-17204-24	C-24 2'	Soluble	Solid	300.0	30259
880-17204-25	C-25 2'	Soluble	Solid	300.0	30259
880-17204-26	C-26 2'	Soluble	Solid	300.0	30259
880-17204-27	C-27 2'	Soluble	Solid	300.0	30259
880-17204-28	C-28 2'	Soluble	Solid	300.0	30259
880-17204-29	C-29 2'	Soluble	Solid	300.0	30259
880-17204-30	C-30 2'	Soluble	Solid	300.0	30259

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Analysis Batch: 30585 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-31	C-31 2'	Soluble	Solid	300.0	30259
880-17204-32	C-32 2'	Soluble	Solid	300.0	30259
880-17204-33	C-33 2'	Soluble	Solid	300.0	30259
880-17204-34	C-34 2'	Soluble	Solid	300.0	30259
880-17204-35	C-35 2'	Soluble	Solid	300.0	30259
MB 880-30259/1-A	Method Blank	Soluble	Solid	300.0	30259
LCS 880-30259/2-A	Lab Control Sample	Soluble	Solid	300.0	30259
LCSD 880-30259/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30259
880-17204-16 MS	C-16 1'	Soluble	Solid	300.0	30259
880-17204-16 MSD	C-16 1'	Soluble	Solid	300.0	30259
880-17204-26 MS	C-26 2'	Soluble	Solid	300.0	30259
880-17204-26 MSD	C-26 2'	Soluble	Solid	300.0	30259

Analysis Batch: 30586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-36	C- 36 0-1.5'	Soluble	Solid	300.0	30260
880-17204-37	C-37 0-2'	Soluble	Solid	300.0	30260
880-17204-38	C-38 0-2'	Soluble	Solid	300.0	30260
880-17204-39	C-39 0-2'	Soluble	Solid	300.0	30260
880-17204-40	C-40 0-2'	Soluble	Solid	300.0	30260
880-17204-41	C-41 0-2'	Soluble	Solid	300.0	30260
880-17204-42	C-42 0-2'	Soluble	Solid	300.0	30260
880-17204-43	C-43 0-2'	Soluble	Solid	300.0	30260
880-17204-44	C-44 0-1.5'	Soluble	Solid	300.0	30260
880-17204-45	C-45 2	Soluble	Solid	300.0	30260
880-17204-46	C-46 2	Soluble	Solid	300.0	30260
880-17204-47	C-47 2	Soluble	Solid	300.0	30260
880-17204-48	C-48 2	Soluble	Solid	300.0	30260
880-17204-49	C-49 2	Soluble	Solid	300.0	30260
880-17204-50	C-50 2	Soluble	Solid	300.0	30260
880-17204-51	C-51 2	Soluble	Solid	300.0	30260
880-17204-52	C-52 2	Soluble	Solid	300.0	30260
880-17204-53	C-53 2	Soluble	Solid	300.0	30260
880-17204-54	C-54 2	Soluble	Solid	300.0	30260
880-17204-55	C-55 2	Soluble	Solid	300.0	30260
MB 880-30260/1-A	Method Blank	Soluble	Solid	300.0	30260
LCS 880-30260/2-A	Lab Control Sample	Soluble	Solid	300.0	30260
LCSD 880-30260/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30260
880-17204-36 MS	C- 36 0-1.5'	Soluble	Solid	300.0	30260
880-17204-36 MSD	C- 36 0-1.5'	Soluble	Solid	300.0	30260
880-17204-46 MS	C-46 2	Soluble	Solid	300.0	30260
880-17204-46 MSD	C-46 2	Soluble	Solid	300.0	30260

Analysis Batch: 30587

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-56	C-56 2	Soluble	Solid	300.0	30261
880-17204-57	C-57 2	Soluble	Solid	300.0	30261
880-17204-58	C-58 2	Soluble	Solid	300.0	30261
880-17204-59	C-59 2	Soluble	Solid	300.0	30261
880-17204-60	C-60 2	Soluble	Solid	300.0	30261
880-17204-61	C-61 2'	Soluble	Solid	300.0	30261

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Analysis Batch: 30587 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-62	C-62 2'	Soluble	Solid	300.0	30261
880-17204-63	C-63 2'	Soluble	Solid	300.0	30261
880-17204-64	C-64 2'	Soluble	Solid	300.0	30261
880-17204-65	C-65 2'	Soluble	Solid	300.0	30261
880-17204-66	C-66 2'	Soluble	Solid	300.0	30261
880-17204-67	C-67 2'	Soluble	Solid	300.0	30261
880-17204-68	C-68 2'	Soluble	Solid	300.0	30261
880-17204-69	C-69 2'	Soluble	Solid	300.0	30261
880-17204-70	C-70 2'	Soluble	Solid	300.0	30261
880-17204-71	C-71 2'	Soluble	Solid	300.0	30261
880-17204-72	C-72 2'	Soluble	Solid	300.0	30261
880-17204-73	C-73 2'	Soluble	Solid	300.0	30261
880-17204-74	C-74 2'	Soluble	Solid	300.0	30261
880-17204-75	C-75 2'	Soluble	Solid	300.0	30261
MB 880-30261/1-A	Method Blank	Soluble	Solid	300.0	30261
LCS 880-30261/2-A	Lab Control Sample	Soluble	Solid	300.0	30261
LCSD 880-30261/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30261
880-17204-56 MS	C-56 2	Soluble	Solid	300.0	30261
880-17204-56 MSD	C-56 2	Soluble	Solid	300.0	30261
880-17204-66 MS	C-66 2'	Soluble	Solid	300.0	30261
880-17204-66 MSD	C-66 2'	Soluble	Solid	300.0	30261

Analysis Batch: 30713

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-216	C-216 4'	Soluble	Solid	300.0	30279
880-17204-217	C-217 4'	Soluble	Solid	300.0	30279
880-17204-218	C-218 4'	Soluble	Solid	300.0	30279
880-17204-219	C-219 4'	Soluble	Solid	300.0	30279
880-17204-220	C-220 4'	Soluble	Solid	300.0	30279
880-17204-221	C-221 0-4'	Soluble	Solid	300.0	30279
880-17204-222	C-222 0-4'	Soluble	Solid	300.0	30279
880-17204-223	C-223 0-4'	Soluble	Solid	300.0	30279
880-17204-224	C-224 0-4'	Soluble	Solid	300.0	30279
880-17204-225	C-225 0-4'	Soluble	Solid	300.0	30279
880-17204-226	C-226 0-4'	Soluble	Solid	300.0	30279
880-17204-227	C-227 0-4'	Soluble	Solid	300.0	30279
880-17204-228	C-228 0-4'	Soluble	Solid	300.0	30279
880-17204-229	C-229 0-4'	Soluble	Solid	300.0	30279
880-17204-230	C-230 0-4'	Soluble	Solid	300.0	30279
MB 880-30279/1-A	Method Blank	Soluble	Solid	300.0	30279
LCS 880-30279/2-A	Lab Control Sample	Soluble	Solid	300.0	30279
LCSD 880-30279/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30279
880-17204-216 MS	C-216 4'	Soluble	Solid	300.0	30279
880-17204-216 MSD	C-216 4'	Soluble	Solid	300.0	30279
880-17204-226 MS	C-226 0-4'	Soluble	Solid	300.0	30279
880-17204-226 MSD	C-226 0-4'	Soluble	Solid	300.0	30279

Analysis Batch: 30812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-76	C-76 2'	Soluble	Solid	300.0	30262
880-17204-77	C-77 2'	Soluble	Solid	300.0	30262

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Analysis Batch: 30812 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-78	C-78 2'	Soluble	Solid	300.0	30262
880-17204-79	C-79 2'	Soluble	Solid	300.0	30262
880-17204-80	C-80 2'	Soluble	Solid	300.0	30262
880-17204-81	C-81 2'	Soluble	Solid	300.0	30262
880-17204-82	C-82 2'	Soluble	Solid	300.0	30262
880-17204-83	C-83 2'	Soluble	Solid	300.0	30262
880-17204-84	C-84 2'	Soluble	Solid	300.0	30262
880-17204-85	C-85 2'	Soluble	Solid	300.0	30262
880-17204-86	C-86 2'	Soluble	Solid	300.0	30262
880-17204-87	C-87 2'	Soluble	Solid	300.0	30262
880-17204-88	C-88 2'	Soluble	Solid	300.0	30262
880-17204-89	C-89 2'	Soluble	Solid	300.0	30262
880-17204-90	C-90 2'	Soluble	Solid	300.0	30262
880-17204-91	C-91 2'	Soluble	Solid	300.0	30262
880-17204-92	C-92 2'	Soluble	Solid	300.0	30262
880-17204-93	C-93 2'	Soluble	Solid	300.0	30262
880-17204-94	C-94 2'	Soluble	Solid	300.0	30262
880-17204-95	C-95 2'	Soluble	Solid	300.0	30262
MB 880-30262/1-A	Method Blank	Soluble	Solid	300.0	30262
LCS 880-30262/2-A	Lab Control Sample	Soluble	Solid	300.0	30262
LCSD 880-30262/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30262
880-17204-76 MS	C-76 2'	Soluble	Solid	300.0	30262
880-17204-76 MSD	C-76 2'	Soluble	Solid	300.0	30262
880-17204-86 MS	C-86 2'	Soluble	Solid	300.0	30262
880-17204-86 MSD	C-86 2'	Soluble	Solid	300.0	30262

Analysis Batch: 30813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-96	C-96 2'	Soluble	Solid	300.0	30264
880-17204-97	C-97 2'	Soluble	Solid	300.0	30264
880-17204-98	C-98 2'	Soluble	Solid	300.0	30264
880-17204-99	C-99 2'	Soluble	Solid	300.0	30264
880-17204-100	C-100 2'	Soluble	Solid	300.0	30264
880-17204-101	C-101 2'	Soluble	Solid	300.0	30264
880-17204-102	C-102 2'	Soluble	Solid	300.0	30264
880-17204-103	C-103 2'	Soluble	Solid	300.0	30264
880-17204-104	C-104 2'	Soluble	Solid	300.0	30264
880-17204-105	C-105 2'	Soluble	Solid	300.0	30264
880-17204-106	C-106 2'	Soluble	Solid	300.0	30264
880-17204-107	C-107 2'	Soluble	Solid	300.0	30264
880-17204-108	C-108 2'	Soluble	Solid	300.0	30264
880-17204-109	C-109 2'	Soluble	Solid	300.0	30264
880-17204-110	C-110 2'	Soluble	Solid	300.0	30264
880-17204-111	C-111 2'	Soluble	Solid	300.0	30264
880-17204-112	C-112 2'	Soluble	Solid	300.0	30264
880-17204-113	C-113 2'	Soluble	Solid	300.0	30264
880-17204-114	C-114 2'	Soluble	Solid	300.0	30264
880-17204-115	C-115 2'	Soluble	Solid	300.0	30264
MB 880-30264/1-A	Method Blank	Soluble	Solid	300.0	30264
LCS 880-30264/2-A	Lab Control Sample	Soluble	Solid	300.0	30264
LCSD 880-30264/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30264

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Analysis Batch: 30813 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-96 MS	C-96 2'	Soluble	Solid	300.0	30264
880-17204-96 MSD	C-96 2'	Soluble	Solid	300.0	30264
880-17204-106 MS	C-106 2'	Soluble	Solid	300.0	30264
880-17204-106 MSD	C-106 2'	Soluble	Solid	300.0	30264

Analysis Batch: 30820

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-116	C-116 2'	Soluble	Solid	300.0	30265
880-17204-117	C-117 0-2'	Soluble	Solid	300.0	30265
880-17204-118	C-118 0-2'	Soluble	Solid	300.0	30265
880-17204-119	C-119 0-2'	Soluble	Solid	300.0	30265
880-17204-120	C-120 0-2'	Soluble	Solid	300.0	30265
880-17204-121	C-121 0-2'	Soluble	Solid	300.0	30265
880-17204-122	C-122 0-2'	Soluble	Solid	300.0	30265
880-17204-123	C-123 2.5	Soluble	Solid	300.0	30265
880-17204-124	C-124 2.5	Soluble	Solid	300.0	30265
880-17204-125	C-125 2.5	Soluble	Solid	300.0	30265
880-17204-126	C-126 2.5	Soluble	Solid	300.0	30265
880-17204-127	C-127 2.5	Soluble	Solid	300.0	30265
880-17204-128	C-128 2.5	Soluble	Solid	300.0	30265
880-17204-129	C-129 2.5	Soluble	Solid	300.0	30265
880-17204-130	C-130 2.5	Soluble	Solid	300.0	30265
880-17204-131	C-131 2.5	Soluble	Solid	300.0	30265
880-17204-132	C-132 2.5	Soluble	Solid	300.0	30265
880-17204-133	C-133 2.5	Soluble	Solid	300.0	30265
880-17204-134	C-134 2.5	Soluble	Solid	300.0	30265
880-17204-135	C-135 2.5	Soluble	Solid	300.0	30265
MB 880-30265/1-A	Method Blank	Soluble	Solid	300.0	30265
LCS 880-30265/2-A	Lab Control Sample	Soluble	Solid	300.0	30265
LCSD 880-30265/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30265
880-17204-116 MS	C-116 2'	Soluble	Solid	300.0	30265
880-17204-116 MSD	C-116 2'	Soluble	Solid	300.0	30265
880-17204-126 MS	C-126 2.5	Soluble	Solid	300.0	30265
880-17204-126 MSD	C-126 2.5	Soluble	Solid	300.0	30265

Analysis Batch: 30821

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-136	C-136 2.5	Soluble	Solid	300.0	30266
880-17204-137	C-137 2.5	Soluble	Solid	300.0	30266
880-17204-138	C-138 2.5	Soluble	Solid	300.0	30266
880-17204-139	C-139 2.5	Soluble	Solid	300.0	30266
880-17204-140	C-140 1.5	Soluble	Solid	300.0	30266
880-17204-141	C-141 1.5	Soluble	Solid	300.0	30266
880-17204-142	C-142 1.5	Soluble	Solid	300.0	30266
880-17204-143	C-143 1.5	Soluble	Solid	300.0	30266
880-17204-144	C-144 1.5	Soluble	Solid	300.0	30266
880-17204-145	C-145 1.5	Soluble	Solid	300.0	30266
880-17204-146	C-146 1.5	Soluble	Solid	300.0	30266
880-17204-147	C-147 1.5	Soluble	Solid	300.0	30266
880-17204-148	C-148 1.5	Soluble	Solid	300.0	30266
880-17204-149	C-149 1.5	Soluble	Solid	300.0	30266

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Analysis Batch: 30821 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-150	C-150 1.5	Soluble	Solid	300.0	30266
880-17204-151	C-151 1.5	Soluble	Solid	300.0	30266
880-17204-152	C-152 1.5	Soluble	Solid	300.0	30266
880-17204-153	C-153 1.5	Soluble	Solid	300.0	30266
880-17204-154	C-154 1.5	Soluble	Solid	300.0	30266
880-17204-155	C-155 1.5	Soluble	Solid	300.0	30266
MB 880-30266/1-A	Method Blank	Soluble	Solid	300.0	30266
LCS 880-30266/2-A	Lab Control Sample	Soluble	Solid	300.0	30266
LCSD 880-30266/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30266
880-17204-136 MS	C-136 2.5	Soluble	Solid	300.0	30266
880-17204-136 MSD	C-136 2.5	Soluble	Solid	300.0	30266
880-17204-146 MS	C-146 1.5	Soluble	Solid	300.0	30266
880-17204-146 MSD	C-146 1.5	Soluble	Solid	300.0	30266

Analysis Batch: 30822

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-156	C-156 1.5	Soluble	Solid	300.0	30270
880-17204-157	C-157 1.5	Soluble	Solid	300.0	30270
880-17204-158	C-158 1.5	Soluble	Solid	300.0	30270
880-17204-159	C-159 1.5	Soluble	Solid	300.0	30270
880-17204-160	C-160 1.5	Soluble	Solid	300.0	30270
880-17204-161	C-161 1.5	Soluble	Solid	300.0	30270
880-17204-162	C-162 1.5	Soluble	Solid	300.0	30270
880-17204-163	C-163 1.5	Soluble	Solid	300.0	30270
880-17204-164	C-164 0-2.5	Soluble	Solid	300.0	30270
880-17204-165	C-165 0-2.5	Soluble	Solid	300.0	30270
880-17204-166	C-166 0-2.5'	Soluble	Solid	300.0	30270
880-17204-167	C-167 0-2.5'	Soluble	Solid	300.0	30270
880-17204-168	C-168 0-2.5'	Soluble	Solid	300.0	30270
880-17204-169	C-169 0-1.5'	Soluble	Solid	300.0	30270
880-17204-170	C-170 0-1.5'	Soluble	Solid	300.0	30270
880-17204-171	C-171 0-1.5'	Soluble	Solid	300.0	30270
880-17204-172	C-172 0-1.5'	Soluble	Solid	300.0	30270
880-17204-173	C-173 0-1.5'	Soluble	Solid	300.0	30270
880-17204-174	C-174 4'	Soluble	Solid	300.0	30270
880-17204-175	C-175 4'	Soluble	Solid	300.0	30270
MB 880-30270/1-A	Method Blank	Soluble	Solid	300.0	30270
LCS 880-30270/2-A	Lab Control Sample	Soluble	Solid	300.0	30270
LCSD 880-30270/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30270
880-17204-156 MS	C-156 1.5	Soluble	Solid	300.0	30270
880-17204-156 MSD	C-156 1.5	Soluble	Solid	300.0	30270
880-17204-166 MS	C-166 0-2.5'	Soluble	Solid	300.0	30270
880-17204-166 MSD	C-166 0-2.5'	Soluble	Solid	300.0	30270

Analysis Batch: 30823

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-176	C-176 4'	Soluble	Solid	300.0	30271
880-17204-177	C-177 4'	Soluble	Solid	300.0	30271
880-17204-178	C-178 4'	Soluble	Solid	300.0	30271
880-17204-179	C-179 4'	Soluble	Solid	300.0	30271
880-17204-180	C-180 4'	Soluble	Solid	300.0	30271

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Analysis Batch: 30823 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-181	C-181 4'	Soluble	Solid	300.0	30271
880-17204-182	C-182 4'	Soluble	Solid	300.0	30271
880-17204-183	C-183 4'	Soluble	Solid	300.0	30271
880-17204-184	C-184 4'	Soluble	Solid	300.0	30271
880-17204-185	C-185 4'	Soluble	Solid	300.0	30271
880-17204-186	C-186 4'	Soluble	Solid	300.0	30271
880-17204-187	C-187 4'	Soluble	Solid	300.0	30271
880-17204-188	C-188 4'	Soluble	Solid	300.0	30271
880-17204-189	C-189 4'	Soluble	Solid	300.0	30271
880-17204-190	C-190 4'	Soluble	Solid	300.0	30271
880-17204-191	C-191 4'	Soluble	Solid	300.0	30271
880-17204-192	C-192 4'	Soluble	Solid	300.0	30271
880-17204-193	C-193 4'	Soluble	Solid	300.0	30271
880-17204-194	C-194 4'	Soluble	Solid	300.0	30271
880-17204-195	C-195 4'	Soluble	Solid	300.0	30271
MB 880-30271/1-A	Method Blank	Soluble	Solid	300.0	30271
LCS 880-30271/2-A	Lab Control Sample	Soluble	Solid	300.0	30271
LCSD 880-30271/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30271
880-17204-176 MS	C-176 4'	Soluble	Solid	300.0	30271
880-17204-176 MSD	C-176 4'	Soluble	Solid	300.0	30271
880-17204-186 MS	C-186 4'	Soluble	Solid	300.0	30271
880-17204-186 MSD	C-186 4'	Soluble	Solid	300.0	30271

Analysis Batch: 30824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-196	C-196	Soluble	Solid	300.0	30278
880-17204-197	C-197	Soluble	Solid	300.0	30278
880-17204-198	C-198	Soluble	Solid	300.0	30278
880-17204-199	C-199	Soluble	Solid	300.0	30278
880-17204-200	C-200	Soluble	Solid	300.0	30278
880-17204-201	C-201	Soluble	Solid	300.0	30278
880-17204-202	C-202	Soluble	Solid	300.0	30278
880-17204-203	C-203	Soluble	Solid	300.0	30278
880-17204-204	C-204	Soluble	Solid	300.0	30278
880-17204-205	C-205	Soluble	Solid	300.0	30278
880-17204-206	C-206	Soluble	Solid	300.0	30278
880-17204-207	C-207	Soluble	Solid	300.0	30278
880-17204-208	C-208	Soluble	Solid	300.0	30278
880-17204-209	C-209	Soluble	Solid	300.0	30278
880-17204-210	C-210	Soluble	Solid	300.0	30278
880-17204-211	C-211 4'	Soluble	Solid	300.0	30278
880-17204-212	C-212 4'	Soluble	Solid	300.0	30278
880-17204-213	C-213 4'	Soluble	Solid	300.0	30278
880-17204-214	C-214 4'	Soluble	Solid	300.0	30278
880-17204-215	C-215 4'	Soluble	Solid	300.0	30278
MB 880-30278/1-A	Method Blank	Soluble	Solid	300.0	30278
LCS 880-30278/2-A	Lab Control Sample	Soluble	Solid	300.0	30278
LCSD 880-30278/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	30278
880-17204-196 MS	C-196	Soluble	Solid	300.0	30278
880-17204-196 MSD	C-196	Soluble	Solid	300.0	30278
880-17204-206 MS	C-206	Soluble	Solid	300.0	30278

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

HPLC/IC (Continued)

Analysis Batch: 30824 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-17204-206 MSD	C-206	Soluble	Solid	300.0	30278

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-1 1.5'
Date Collected: 07/19/22 12:00
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-1
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			4.98 g	5 mL	30589	07/25/22 12:06	EL	XEN MID
Total/NA	Analysis	8021B		1			30859	07/29/22 05:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/26/22 21:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 14:18	CH	XEN MID

Client Sample ID: C-2 1.5'
Date Collected: 07/19/22 12:01
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	30977	07/29/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30960	07/29/22 18:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/26/22 22:34	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 14:26	CH	XEN MID

Client Sample ID: C-3 1.5'
Date Collected: 07/19/22 12:02
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-3
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			4.96 g	5 mL	30977	07/29/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30960	07/29/22 19:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/26/22 22:55	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 14:34	CH	XEN MID

Client Sample ID: C-4 1.5'
Date Collected: 07/19/22 12:03
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	30589	07/25/22 12:06	EL	XEN MID
Total/NA	Analysis	8021B		1			30859	07/29/22 06:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-4 1.5'
Date Collected: 07/19/22 12:03
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-4
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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/26/22 23:16	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 14:42	CH	XEN MID

Client Sample ID: C-5 1.5'
Date Collected: 07/19/22 12:04
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-5
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			5.02 g	5 mL	30977	07/29/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30960	07/29/22 19:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/26/22 23:37	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 14:50	CH	XEN MID

Client Sample ID: C-6 1.5'
Date Collected: 07/19/22 12:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	30977	07/29/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30960	07/29/22 20:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/26/22 23:59	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 14:57	CH	XEN MID

Client Sample ID: C-7 1.5'
Date Collected: 07/19/22 12:06
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-7
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	30580	07/25/22 11:33	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30856	07/28/22 17:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 00:20	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-7 1.5'
Date Collected: 07/19/22 12:06
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 15:21	CH	XEN MID

Client Sample ID: C-8 1.5'
Date Collected: 07/19/22 12:07
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	30580	07/25/22 11:33	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30856	07/28/22 17:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 00:41	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 15:29	CH	XEN MID

Client Sample ID: C-9 1.5'
Date Collected: 07/19/22 12:08
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	30580	07/25/22 11:33	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30856	07/28/22 18:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 01:03	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 15:52	CH	XEN MID

Client Sample ID: C-10 1.5'
Date Collected: 07/19/22 12:09
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-10
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			5.04 g	5 mL	30580	07/25/22 11:33	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30856	07/28/22 18:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 01:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 16:00	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-11 1.5'

Date Collected: 07/19/22 12:10
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-11
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			4.99 g	5 mL	30977	07/29/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30960	07/29/22 20:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 02:06	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 16:08	CH	XEN MID

Client Sample ID: C-12 1.5'

Date Collected: 07/19/22 12:11
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	30977	07/29/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30960	07/29/22 21:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 02:27	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1	0 mL	1.0 mL	30583	07/26/22 16:16	CH	XEN MID

Client Sample ID: C-13 2'

Date Collected: 07/19/22 12:12
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-13
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			5.02 g	5 mL	30977	07/29/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30960	07/29/22 21:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 02:48	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 16:24	CH	XEN MID

Client Sample ID: C-14 2'

Date Collected: 07/19/22 12:13
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-14
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			5.03 g	5 mL	30977	07/29/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30960	07/29/22 21:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-14 2'

Lab Sample ID: 880-17204-14
Matrix: Solid
Date Collected: 07/19/22 12:13
Date Received: 07/21/22 11:12

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 03:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 16:32	CH	XEN MID

Client Sample ID: C-15 2'

Lab Sample ID: 880-17204-15
Matrix: Solid
Date Collected: 07/19/22 12:14
Date Received: 07/21/22 11:12

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	30977	07/29/22 10:29	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30960	07/29/22 22:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 03:30	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30258	07/21/22 13:14	SMC	XEN MID
Soluble	Analysis	300.0		1			30583	07/26/22 16:40	CH	XEN MID

Client Sample ID: C-16 1'

Lab Sample ID: 880-17204-16
Matrix: Solid
Date Collected: 07/19/22 12:15
Date Received: 07/21/22 11:12

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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 17:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 03:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 06:17	CH	XEN MID

Client Sample ID: C-17 1'

Lab Sample ID: 880-17204-17
Matrix: Solid
Date Collected: 07/19/22 12:16
Date Received: 07/21/22 11:12

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	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 19:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 04:11	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-17 1'
Date Collected: 07/19/22 12:16
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-17
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	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 06:45	CH	XEN MID

Client Sample ID: C-18 1'
Date Collected: 07/19/22 12:17
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-18
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			5.03 g	5 mL	30988	07/29/22 10:52	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30959	07/29/22 19:44	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 04:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 06:54	CH	XEN MID

Client Sample ID: C-19 1'
Date Collected: 07/19/22 12:18
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-19
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			4.95 g	5 mL	30591	07/25/22 12:34	EL	XEN MID
Total/NA	Analysis	8021B		1			30500	07/27/22 03:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 04:53	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 07:03	CH	XEN MID

Client Sample ID: C-20 2'
Date Collected: 07/19/22 12:19
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-20
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			4.99 g	5 mL	30591	07/25/22 12:34	EL	XEN MID
Total/NA	Analysis	8021B		1			30500	07/27/22 03:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30690	07/26/22 11:47	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30649	07/27/22 05:14	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 07:12	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-21 2'
Date Collected: 07/19/22 12:20
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-21
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			4.96 g	5 mL	30591	07/25/22 12:34	EL	XEN MID
Total/NA	Analysis	8021B		1			30500	07/27/22 04:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 10:41	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 07:40	CH	XEN MID

Client Sample ID: C-22 2'
Date Collected: 07/19/22 12:21
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-22
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			5.01 g	5 mL	30591	07/25/22 12:34	EL	XEN MID
Total/NA	Analysis	8021B		1			30500	07/27/22 04:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 11:46	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 07:49	CH	XEN MID

Client Sample ID: C-23 2'
Date Collected: 07/19/22 12:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-23
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			5.04 g	5 mL	31155	08/01/22 09:07	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31148	08/01/22 13:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 12:07	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 07:58	CH	XEN MID

Client Sample ID: C-24 2'
Date Collected: 07/19/22 12:23
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-24
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	30591	07/25/22 12:34	EL	XEN MID
Total/NA	Analysis	8021B		1			30500	07/27/22 05:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-24 2'

Lab Sample ID: 880-17204-24
Matrix: Solid
Date Collected: 07/19/22 12:23
Date Received: 07/21/22 11:12

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 12:29	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 08:08	CH	XEN MID

Client Sample ID: C-25 2'

Lab Sample ID: 880-17204-25
Matrix: Solid
Date Collected: 07/19/22 12:24
Date Received: 07/21/22 11:12

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	30591	07/25/22 12:34	EL	XEN MID
Total/NA	Analysis	8021B		1			30500	07/27/22 06:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 12:51	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 08:17	CH	XEN MID

Client Sample ID: C-26 2'

Lab Sample ID: 880-17204-26
Matrix: Solid
Date Collected: 07/19/22 12:25
Date Received: 07/21/22 11:12

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	30591	07/25/22 12:34	EL	XEN MID
Total/NA	Analysis	8021B		1			30500	07/27/22 06:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 13:12	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 08:26	CH	XEN MID

Client Sample ID: C-27 2'

Lab Sample ID: 880-17204-27
Matrix: Solid
Date Collected: 07/19/22 12:26
Date Received: 07/21/22 11:12

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	30591	07/25/22 12:34	EL	XEN MID
Total/NA	Analysis	8021B		1			30500	07/27/22 06:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 13:34	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-27 2'
Date Collected: 07/19/22 12:26
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-27
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			5.03 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 08:54	CH	XEN MID

Client Sample ID: C-28 2'
Date Collected: 07/19/22 12:27
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-28
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			5.01 g	5 mL	30591	07/25/22 12:34	EL	XEN MID
Total/NA	Analysis	8021B		1			30500	07/27/22 07:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 13:56	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 09:03	CH	XEN MID

Client Sample ID: C-29 2'
Date Collected: 07/19/22 12:28
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-29
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	30796	07/27/22 10:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30748	07/28/22 06:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 14:17	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 09:30	CH	XEN MID

Client Sample ID: C-30 2'
Date Collected: 07/19/22 12:29
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-30
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	30709	07/27/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30747	07/27/22 18:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 14:39	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 09:40	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-31 2'
Date Collected: 07/19/22 12:30
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-31
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	30709	07/26/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30747	07/27/22 19:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 15:22	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 09:49	CH	XEN MID

Client Sample ID: C-32 2'
Date Collected: 07/19/22 12:31
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-32
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	30709	07/27/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30747	07/27/22 19:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 15:44	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 09:58	CH	XEN MID

Client Sample ID: C-33 2'
Date Collected: 07/19/22 12:32
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-33
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	30709	07/27/22 10:00	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30747	07/27/22 19:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 16:05	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 10:07	CH	XEN MID

Client Sample ID: C-34 2'
Date Collected: 07/19/22 12:33
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-34
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	31290	08/02/22 09:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31253	08/02/22 17:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-34 2'
Date Collected: 07/19/22 12:33
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-34
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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 16:27	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 10:16	CH	XEN MID

Client Sample ID: C-35 2'
Date Collected: 07/19/22 12:34
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-35
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	30796	07/27/22 10:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30748	07/28/22 06:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 16:49	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30259	07/21/22 13:18	SMC	XEN MID
Soluble	Analysis	300.0		1			30585	07/26/22 10:26	CH	XEN MID

Client Sample ID: C- 36 0-1.5'
Date Collected: 07/19/22 12:35
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-36
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	30796	07/27/22 10:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30748	07/28/22 06:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 17:10	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 20:20	CH	XEN MID

Client Sample ID: C-37 0-2'
Date Collected: 07/19/22 12:36
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-37
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	30796	07/27/22 10:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30748	07/28/22 07:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 17:32	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-37 0-2'
Date Collected: 07/19/22 12:36
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-37
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	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 20:48	CH	XEN MID

Client Sample ID: C-38 0-2'
Date Collected: 07/19/22 12:37
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-38
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	30796	07/27/22 10:51	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30748	07/28/22 07:36	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 17:54	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 20:57	CH	XEN MID

Client Sample ID: C-39 0-2'
Date Collected: 07/19/22 12:38
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-39
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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 13:26	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 18:16	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 21:06	CH	XEN MID

Client Sample ID: C-40 0-2'
Date Collected: 07/19/22 12:39
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-40
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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 13:47	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30691	07/26/22 11:50	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 18:38	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 21:16	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-41 0-2'
Date Collected: 07/19/22 12:40
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-41
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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 14:08	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 20:27	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 21:43	CH	XEN MID

Client Sample ID: C-42 0-2'
Date Collected: 07/19/22 12:41
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-42
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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 14:28	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 21:32	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 21:53	CH	XEN MID

Client Sample ID: C-43 0-2'
Date Collected: 07/19/22 12:42
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-43
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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 14:49	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 21:54	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 22:02	CH	XEN MID

Client Sample ID: C-44 0-1.5'
Date Collected: 07/19/22 12:43
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-44
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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 15:10	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-44 0-1.5'

Date Collected: 07/19/22 12:43
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-44
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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 22:15	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 22:11	CH	XEN MID

Client Sample ID: C-45 2

Date Collected: 07/19/22 13:30
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-45
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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 15:31	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 22:37	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 22:20	CH	XEN MID

Client Sample ID: C-46 2

Date Collected: 07/19/22 13:31
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-46
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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 15:51	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 22:59	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 22:29	CH	XEN MID

Client Sample ID: C-47 2

Date Collected: 07/19/22 13:32
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-47
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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 16:12	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 23:21	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-47 2

Date Collected: 07/19/22 13:32
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-47

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	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 22:57	CH	XEN MID

Client Sample ID: C-48 2

Date Collected: 07/19/22 13:33
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-48

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 16:33	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/27/22 23:42	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 23:06	CH	XEN MID

Client Sample ID: C-49 2

Date Collected: 07/19/22 13:34
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-49

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 20:31	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 00:04	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 23:34	CH	XEN MID

Client Sample ID: C-50 2

Date Collected: 07/19/22 13:35
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-50

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 20:52	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 00:25	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 23:43	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-51 2

Date Collected: 07/19/22 13:36
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-51

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 21:13	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 01:07	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/27/22 23:52	CH	XEN MID

Client Sample ID: C-52 2

Date Collected: 07/19/22 13:37
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-52

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 21:33	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 01:28	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/28/22 00:02	CH	XEN MID

Client Sample ID: C-53 2

Date Collected: 07/19/22 13:38
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-53

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 21:54	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 01:49	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/28/22 00:11	CH	XEN MID

Client Sample ID: C-54 2

Date Collected: 07/19/22 13:39
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-54

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 22:15	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-54 2

Date Collected: 07/19/22 13:39
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-54

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 02:10	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/28/22 00:20	CH	XEN MID

Client Sample ID: C-55 2

Date Collected: 07/19/22 13:40
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-55

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 22:36	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 02:32	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30260	07/21/22 13:21	SMC	XEN MID
Soluble	Analysis	300.0		1			30586	07/28/22 00:29	CH	XEN MID

Client Sample ID: C-56 2

Date Collected: 07/19/22 13:41
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-56

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 22:56	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 02:53	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 09:44	CH	XEN MID

Client Sample ID: C-57 2

Date Collected: 07/19/22 13:42
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-57

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 23:17	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 03:14	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-57 2

Date Collected: 07/19/22 13:42
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-57

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	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 10:12	CH	XEN MID

Client Sample ID: C-58 2

Date Collected: 07/19/22 13:43
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-58

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	30592	07/25/22 12:44	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31047	07/30/22 23:38	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 03:35	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 10:21	CH	XEN MID

Client Sample ID: C-59 2

Date Collected: 07/19/22 13:44
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-59

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 12:19	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 03:57	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 10:30	CH	XEN MID

Client Sample ID: C-60 2

Date Collected: 07/19/22 13:45
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-60

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 12:39	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30710	07/26/22 14:05	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30739	07/28/22 04:18	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 10:39	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-61 2'

Lab Sample ID: 880-17204-61
Matrix: Solid
Date Collected: 07/19/22 13:46
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 13:00	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 10:41	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 15:16	CH	XEN MID

Client Sample ID: C-62 2'

Lab Sample ID: 880-17204-62
Matrix: Solid
Date Collected: 07/19/22 13:47
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 13:20	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 11:46	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 15:26	CH	XEN MID

Client Sample ID: C-63 2'

Lab Sample ID: 880-17204-63
Matrix: Solid
Date Collected: 07/19/22 13:48
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 13:41	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 12:07	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 15:35	CH	XEN MID

Client Sample ID: C-64 2'

Lab Sample ID: 880-17204-64
Matrix: Solid
Date Collected: 07/19/22 13:49
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 14:01	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-64 2'

Lab Sample ID: 880-17204-64
Matrix: Solid
Date Collected: 07/19/22 13:49
Date Received: 07/21/22 11:12

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 12:29	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 15:44	CH	XEN MID

Client Sample ID: C-65 2'

Lab Sample ID: 880-17204-65
Matrix: Solid
Date Collected: 07/19/22 13:50
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 14:22	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 12:51	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 15:53	CH	XEN MID

Client Sample ID: C-66 2'

Lab Sample ID: 880-17204-66
Matrix: Solid
Date Collected: 07/19/22 13:51
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 14:42	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 13:12	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 16:02	CH	XEN MID

Client Sample ID: C-67 2'

Lab Sample ID: 880-17204-67
Matrix: Solid
Date Collected: 07/19/22 13:52
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 15:03	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 13:34	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-67 2'

Lab Sample ID: 880-17204-67
Matrix: Solid
Date Collected: 07/19/22 13:52
Date Received: 07/21/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 16:30	CH	XEN MID

Client Sample ID: C-68 2'

Lab Sample ID: 880-17204-68
Matrix: Solid
Date Collected: 07/19/22 13:53
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 15:23	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 13:56	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 16:39	CH	XEN MID

Client Sample ID: C-69 2'

Lab Sample ID: 880-17204-69
Matrix: Solid
Date Collected: 07/19/22 13:54
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 16:46	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 14:17	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 18:11	CH	XEN MID

Client Sample ID: C-70 2'

Lab Sample ID: 880-17204-70
Matrix: Solid
Date Collected: 07/19/22 13:55
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 17:06	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 14:39	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 18:21	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-71 2'

Date Collected: 07/19/22 13:56
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-71
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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 17:27	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 15:22	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 18:30	CH	XEN MID

Client Sample ID: C-72 2'

Date Collected: 07/19/22 13:57
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-72
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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 17:47	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 15:44	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 18:39	CH	XEN MID

Client Sample ID: C-73 2'

Date Collected: 07/19/22 13:58
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-73
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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 18:08	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 16:05	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 18:48	CH	XEN MID

Client Sample ID: C-74 2'

Date Collected: 07/19/22 13:59
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-74
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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 18:28	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-74 2'

Lab Sample ID: 880-17204-74
Matrix: Solid
Date Collected: 07/19/22 13:59
Date Received: 07/21/22 11:12

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 16:27	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 18:58	CH	XEN MID

Client Sample ID: C-75 2'

Lab Sample ID: 880-17204-75
Matrix: Solid
Date Collected: 07/19/22 14:00
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 18:49	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 16:49	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30261	07/21/22 13:24	SMC	XEN MID
Soluble	Analysis	300.0		1			30587	07/27/22 19:07	CH	XEN MID

Client Sample ID: C-76 2'

Lab Sample ID: 880-17204-76
Matrix: Solid
Date Collected: 07/19/22 14:01
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 19:09	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 17:10	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 21:05	CH	XEN MID

Client Sample ID: C-77 2'

Lab Sample ID: 880-17204-77
Matrix: Solid
Date Collected: 07/19/22 14:02
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 19:30	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 17:32	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-77 2'

Lab Sample ID: 880-17204-77
Matrix: Solid
Date Collected: 07/19/22 14:02
Date Received: 07/21/22 11:12

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	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 21:29	CH	XEN MID

Client Sample ID: C-78 2'

Lab Sample ID: 880-17204-78
Matrix: Solid
Date Collected: 07/19/22 14:03
Date Received: 07/21/22 11:12

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	30595	07/25/22 14:01	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31046	07/30/22 19:50	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 17:54	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 21:37	CH	XEN MID

Client Sample ID: C-79 2'

Lab Sample ID: 880-17204-79
Matrix: Solid
Date Collected: 07/19/22 14:04
Date Received: 07/21/22 11:12

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 00:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 18:16	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 21:45	CH	XEN MID

Client Sample ID: C-80 2'

Lab Sample ID: 880-17204-80
Matrix: Solid
Date Collected: 07/19/22 14:05
Date Received: 07/21/22 11:12

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 00:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30711	07/26/22 14:08	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 18:38	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 21:53	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-81 2'

Date Collected: 07/19/22 14:06
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-81
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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 00:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 20:27	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 22:16	CH	XEN MID

Client Sample ID: C-82 2'

Date Collected: 07/20/22 10:00
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-82
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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 01:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 21:32	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 22:24	CH	XEN MID

Client Sample ID: C-83 2'

Date Collected: 07/20/22 10:01
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-83
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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 01:35	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 21:54	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 22:32	CH	XEN MID

Client Sample ID: C-84 2'

Date Collected: 07/20/22 10:02
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-84
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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 01:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-84 2'

Lab Sample ID: 880-17204-84
Matrix: Solid
Date Collected: 07/20/22 10:02
Date Received: 07/21/22 11:12

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 22:15	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 22:40	CH	XEN MID

Client Sample ID: C-85 2'

Lab Sample ID: 880-17204-85
Matrix: Solid
Date Collected: 07/20/22 10:03
Date Received: 07/21/22 11:12

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 02:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 22:37	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 22:48	CH	XEN MID

Client Sample ID: C-86 2'

Lab Sample ID: 880-17204-86
Matrix: Solid
Date Collected: 07/20/22 10:04
Date Received: 07/21/22 11:12

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 02:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 22:59	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 22:56	CH	XEN MID

Client Sample ID: C-87 2'

Lab Sample ID: 880-17204-87
Matrix: Solid
Date Collected: 07/20/22 10:05
Date Received: 07/21/22 11:12

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 02:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 23:21	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-87 2'
Date Collected: 07/20/22 10:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-87
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	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 23:19	CH	XEN MID

Client Sample ID: C-88 2'
Date Collected: 07/20/22 10:06
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-88
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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 03:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/27/22 23:42	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 23:27	CH	XEN MID

Client Sample ID: C-89 2'
Date Collected: 07/20/22 10:07
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-89
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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 04:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 00:04	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 23:51	CH	XEN MID

Client Sample ID: C-90 2'
Date Collected: 07/20/22 10:08
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-90
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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 05:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 00:25	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/27/22 23:58	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-91 2'

Lab Sample ID: 880-17204-91
Matrix: Solid
Date Collected: 07/20/22 10:09
Date Received: 07/21/22 11:12

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 05:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 01:07	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/28/22 00:06	CH	XEN MID

Client Sample ID: C-92 2'

Lab Sample ID: 880-17204-92
Matrix: Solid
Date Collected: 07/20/22 10:10
Date Received: 07/21/22 11:12

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 05:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 01:28	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/28/22 00:14	CH	XEN MID

Client Sample ID: C-93 2'

Lab Sample ID: 880-17204-93
Matrix: Solid
Date Collected: 07/20/22 10:11
Date Received: 07/21/22 11:12

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 06:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 01:49	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/28/22 00:22	CH	XEN MID

Client Sample ID: C-94 2'

Lab Sample ID: 880-17204-94
Matrix: Solid
Date Collected: 07/20/22 10:12
Date Received: 07/21/22 11:12

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 06:27	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-94 2'

Date Collected: 07/20/22 10:12
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-94

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 02:10	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/28/22 00:30	CH	XEN MID

Client Sample ID: C-95 2'

Date Collected: 07/20/22 10:13
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-95

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 06:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 02:32	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30262	07/21/22 13:27	SMC	XEN MID
Soluble	Analysis	300.0		1			30812	07/28/22 00:38	CH	XEN MID

Client Sample ID: C-96 2'

Date Collected: 07/20/22 10:14
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-96

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 07:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 02:53	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 07:05	CH	XEN MID

Client Sample ID: C-97 2'

Date Collected: 07/20/22 10:15
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-97

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 07:29	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 03:14	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-97 2'

Lab Sample ID: 880-17204-97
Matrix: Solid
Date Collected: 07/20/22 10:15
Date Received: 07/21/22 11:12

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	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 07:33	CH	XEN MID

Client Sample ID: C-98 2'

Lab Sample ID: 880-17204-98
Matrix: Solid
Date Collected: 07/20/22 10:16
Date Received: 07/21/22 11:12

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	30596	07/25/22 14:08	EL	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	30958	07/30/22 07:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 03:35	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 07:42	CH	XEN MID

Client Sample ID: C-99 2'

Lab Sample ID: 880-17204-99
Matrix: Solid
Date Collected: 07/20/22 10:17
Date Received: 07/21/22 11:12

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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 01:35	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 03:57	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 07:51	CH	XEN MID

Client Sample ID: C-100 2'

Lab Sample ID: 880-17204-100
Matrix: Solid
Date Collected: 07/20/22 10:18
Date Received: 07/21/22 11:12

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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 01:55	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30714	07/26/22 14:59	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30741	07/28/22 04:18	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 08:01	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-101 2'
Date Collected: 07/20/22 10:19
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-101
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 02:15	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 11:46	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 08:28	CH	XEN MID

Client Sample ID: C-102 2'
Date Collected: 07/20/22 10:20
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-102
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 02:36	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 12:51	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 08:38	CH	XEN MID

Client Sample ID: C-103 2'
Date Collected: 07/20/22 10:21
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-103
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 02:56	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 13:12	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 08:47	CH	XEN MID

Client Sample ID: C-104 2'
Date Collected: 07/20/22 10:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-104
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 03:17	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-104 2'

Date Collected: 07/20/22 10:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-104

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 13:34	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 08:56	CH	XEN MID

Client Sample ID: C-105 2'

Date Collected: 07/20/22 10:23
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-105

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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 03:37	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 13:55	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 09:05	CH	XEN MID

Client Sample ID: C-106 2'

Date Collected: 07/20/22 10:24
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-106

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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 03:57	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 14:17	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 09:14	CH	XEN MID

Client Sample ID: C-107 2'

Date Collected: 07/20/22 10:25
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-107

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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 04:18	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 14:39	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-107 2'
Date Collected: 07/20/22 10:25
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-107
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	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 09:42	CH	XEN MID

Client Sample ID: C-108 2'
Date Collected: 07/20/22 10:26
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-108
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 04:38	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 15:00	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 09:51	CH	XEN MID

Client Sample ID: C-109 2'
Date Collected: 07/20/22 10:27
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-109
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 06:28	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 15:21	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 10:19	CH	XEN MID

Client Sample ID: C-110 2'
Date Collected: 07/20/22 10:28
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-110
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 06:48	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 15:43	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 10:28	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-111 2'

Lab Sample ID: 880-17204-111
Matrix: Solid
Date Collected: 07/20/22 10:29
Date Received: 07/21/22 11:12

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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 07:09	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 16:26	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 10:37	CH	XEN MID

Client Sample ID: C-112 2'

Lab Sample ID: 880-17204-112
Matrix: Solid
Date Collected: 07/20/22 10:30
Date Received: 07/21/22 11:12

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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 07:29	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 16:47	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 10:47	CH	XEN MID

Client Sample ID: C-113 2'

Lab Sample ID: 880-17204-113
Matrix: Solid
Date Collected: 07/20/22 10:31
Date Received: 07/21/22 11:12

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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 07:50	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 17:09	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 10:56	CH	XEN MID

Client Sample ID: C-114 2'

Lab Sample ID: 880-17204-114
Matrix: Solid
Date Collected: 07/20/22 10:32
Date Received: 07/21/22 11:12

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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 08:10	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-114 2'
Date Collected: 07/20/22 10:32
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-114
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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 17:30	SM	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 11:05	CH	XEN MID

Client Sample ID: C-115 2'
Date Collected: 07/20/22 10:33
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-115
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 08:31	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 17:52	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30264	07/21/22 13:30	SMC	XEN MID
Soluble	Analysis	300.0		1			30813	07/28/22 11:14	CH	XEN MID

Client Sample ID: C-116 2'
Date Collected: 07/20/22 10:34
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-116
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 08:51	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 18:13	SM	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 05:52	CH	XEN MID

Client Sample ID: C-117 0-2'
Date Collected: 07/20/22 10:35
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-117
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 09:11	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 18:35	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-117 0-2'
Date Collected: 07/20/22 10:35
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-117
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			5.02 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 06:15	CH	XEN MID

Client Sample ID: C-118 0-2'
Date Collected: 07/20/22 10:36
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-118
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	30703	07/26/22 13:48	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31048	07/31/22 09:32	AJ	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30861	07/28/22 18:57	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 06:23	CH	XEN MID

Client Sample ID: C-119 0-2'
Date Collected: 07/20/22 10:37
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-119
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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 13:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 19:18	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 06:31	CH	XEN MID

Client Sample ID: C-120 0-2'
Date Collected: 07/20/22 10:38
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-120
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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 13:54	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30715	07/26/22 15:02	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 19:40	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 06:39	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-121 0-2'
Date Collected: 07/20/22 10:39
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-121
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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 14:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 21:28	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 07:02	CH	XEN MID

Client Sample ID: C-122 0-2'
Date Collected: 07/20/22 10:40
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-122
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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 14:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 22:33	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 07:10	CH	XEN MID

Client Sample ID: C-123 2.5
Date Collected: 07/20/22 11:00
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-123
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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 15:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 22:55	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 07:18	CH	XEN MID

Client Sample ID: C-124 2.5
Date Collected: 07/20/22 11:01
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-124
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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 15:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-124 2.5

Date Collected: 07/20/22 11:01
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-124

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 23:17	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 07:26	CH	XEN MID

Client Sample ID: C-125 2.5

Date Collected: 07/20/22 11:02
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-125

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 16:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/28/22 23:38	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 07:34	CH	XEN MID

Client Sample ID: C-126 2.5

Date Collected: 07/20/22 11:03
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-126

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 16:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 00:00	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 07:42	CH	XEN MID

Client Sample ID: C-127 2.5

Date Collected: 07/20/22 11:04
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-127

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 16:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 00:21	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-127 2.5

Date Collected: 07/20/22 11:04
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-127

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	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 08:05	CH	XEN MID

Client Sample ID: C-128 2.5

Date Collected: 07/20/22 11:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-128

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 17:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 00:43	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 08:13	CH	XEN MID

Client Sample ID: C-129 2.5

Date Collected: 07/20/22 11:06
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-129

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 19:11	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 01:04	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 08:37	CH	XEN MID

Client Sample ID: C-130 2.5

Date Collected: 07/20/22 11:07
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-130

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 19:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 01:26	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 08:45	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-131 2.5

Date Collected: 07/20/22 11:08
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-131

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 20:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 02:09	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 08:52	CH	XEN MID

Client Sample ID: C-132 2.5

Date Collected: 07/20/22 11:09
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-132

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 20:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 02:30	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 09:00	CH	XEN MID

Client Sample ID: C-133 2.5

Date Collected: 07/20/22 11:10
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-133

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 20:56	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 02:52	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 09:08	CH	XEN MID

Client Sample ID: C-134 2.5

Date Collected: 07/20/22 11:11
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-134

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 21:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-134 2.5

Date Collected: 07/20/22 11:11
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-134

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 03:13	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 09:16	CH	XEN MID

Client Sample ID: C-135 2.5

Date Collected: 07/20/22 11:12
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-135

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 21:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 03:35	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30265	07/21/22 13:33	SMC	XEN MID
Soluble	Analysis	300.0		1			30820	07/28/22 09:24	CH	XEN MID

Client Sample ID: C-136 2.5

Date Collected: 07/20/22 11:13
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-136

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 22:15	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 03:56	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 13:17	CH	XEN MID

Client Sample ID: C-137 2.5

Date Collected: 07/20/22 11:14
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-137

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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 22:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 04:17	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-137 2.5
Date Collected: 07/20/22 11:14
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-137
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	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 13:40	CH	XEN MID

Client Sample ID: C-138 2.5
Date Collected: 07/20/22 11:15
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-138
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	30704	07/26/22 13:51	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	07/31/22 23:08	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30861	07/29/22 04:39	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 13:48	CH	XEN MID

Client Sample ID: C-139 2.5
Date Collected: 07/20/22 11:16
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-139
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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 02:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 05:00	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 15:28	CH	XEN MID

Client Sample ID: C-140 1.5
Date Collected: 07/20/22 11:17
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-140
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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 03:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30736	07/26/22 16:41	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30861	07/29/22 05:22	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		5			30821	07/28/22 15:36	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-141 1.5

Date Collected: 07/20/22 11:18
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-141

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 03:50	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 11:46	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 16:27	CH	XEN MID

Client Sample ID: C-142 1.5

Date Collected: 07/20/22 11:19
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-142

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 04:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 12:51	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 16:34	CH	XEN MID

Client Sample ID: C-143 1.5

Date Collected: 07/20/22 11:18
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-143

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 04:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 13:12	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 16:42	CH	XEN MID

Client Sample ID: C-144 1.5

Date Collected: 07/20/22 11:19
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-144

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 05:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-144 1.5

Date Collected: 07/20/22 11:19
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-144

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 13:34	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 16:50	CH	XEN MID

Client Sample ID: C-145 1.5

Date Collected: 07/20/22 11:20
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-145

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 05:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 13:55	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 16:58	CH	XEN MID

Client Sample ID: C-146 1.5

Date Collected: 07/20/22 11:21
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-146

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 05:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 14:17	SM	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 17:06	CH	XEN MID

Client Sample ID: C-147 1.5

Date Collected: 07/20/22 11:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-147

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 06:25	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 14:39	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-147 1.5

Date Collected: 07/20/22 11:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-147

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 17:30	CH	XEN MID

Client Sample ID: C-148 1.5

Date Collected: 07/20/22 11:23
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-148

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 06:51	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 15:00	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 17:37	CH	XEN MID

Client Sample ID: C-149 1.5

Date Collected: 07/20/22 11:24
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-149

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 09:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 15:21	SM	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 18:01	CH	XEN MID

Client Sample ID: C-150 1.5

Date Collected: 07/20/22 11:25
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-150

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 09:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 15:43	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 18:09	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-151 1.5

Date Collected: 07/20/22 11:26
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-151

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 09:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 16:26	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 18:17	CH	XEN MID

Client Sample ID: C-152 1.5

Date Collected: 07/20/22 11:27
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-152

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 10:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 16:47	SM	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 18:25	CH	XEN MID

Client Sample ID: C-153 1.5

Date Collected: 07/20/22 11:28
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-153

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 10:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 17:09	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 18:32	CH	XEN MID

Client Sample ID: C-154 1.5

Date Collected: 07/20/22 11:29
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-154

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 11:14	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-154 1.5

Date Collected: 07/20/22 11:29
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-154

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 17:30	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 18:40	CH	XEN MID

Client Sample ID: C-155 1.5

Date Collected: 07/20/22 11:30
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-155

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 11:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 17:52	SM	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30266	07/21/22 13:37	SMC	XEN MID
Soluble	Analysis	300.0		1			30821	07/28/22 18:48	CH	XEN MID

Client Sample ID: C-156 1.5

Date Collected: 07/20/22 11:31
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-156

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 12:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 18:13	SM	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 09:16	CH	XEN MID

Client Sample ID: C-157 1.5

Date Collected: 07/20/22 11:32
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-157

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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 12:32	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 18:35	SM	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-157 1.5
Date Collected: 07/20/22 11:32
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-157
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			4.96 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 11:06	CH	XEN MID

Client Sample ID: C-158 1.5
Date Collected: 07/20/22 11:33
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-158
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	30705	07/26/22 13:53	MR	XEN MID
Total/NA	Analysis	8021B		1			31092	08/01/22 12:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 18:57	SM	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 11:14	CH	XEN MID

Client Sample ID: C-159 1.5
Date Collected: 07/20/22 11:34
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-159
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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	07/31/22 22:55	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 19:18	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 11:21	CH	XEN MID

Client Sample ID: C-160 1.5
Date Collected: 07/20/22 11:35
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-160
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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	07/31/22 23:16	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30806	07/27/22 11:14	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/28/22 19:40	SM	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 11:29	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-161 1.5

Date Collected: 07/20/22 11:36
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-161

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	07/31/22 23:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30952	07/29/22 13:34	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 12:08	CH	XEN MID

Client Sample ID: C-162 1.5

Date Collected: 07/20/22 11:37
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-162

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	07/31/22 23:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 11:28	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 12:16	CH	XEN MID

Client Sample ID: C-163 1.5

Date Collected: 07/20/22 11:38
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-163

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 00:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 12:07	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 12:24	CH	XEN MID

Client Sample ID: C-164 0-2.5

Date Collected: 07/20/22 11:39
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-164

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 00:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-164 0-2.5

Lab Sample ID: 880-17204-164
Matrix: Solid
Date Collected: 07/20/22 11:39
Date Received: 07/21/22 11:12

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 12:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 12:31	CH	XEN MID

Client Sample ID: C-165 0-2.5

Lab Sample ID: 880-17204-165
Matrix: Solid
Date Collected: 07/20/22 11:40
Date Received: 07/21/22 11:12

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 01:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30952	07/29/22 12:51	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 12:39	CH	XEN MID

Client Sample ID: C-166 0-2.5'

Lab Sample ID: 880-17204-166
Matrix: Solid
Date Collected: 07/20/22 11:41
Date Received: 07/21/22 11:12

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 01:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 13:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 12:47	CH	XEN MID

Client Sample ID: C-167 0-2.5'

Lab Sample ID: 880-17204-167
Matrix: Solid
Date Collected: 07/20/22 11:42
Date Received: 07/21/22 11:12

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 01:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 10:23	AJ	XEN MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-167 0-2.5'

Lab Sample ID: 880-17204-167
Matrix: Solid
Date Collected: 07/20/22 11:42
Date Received: 07/21/22 11:12

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 13:11	CH	XEN MID

Client Sample ID: C-168 0-2.5'

Lab Sample ID: 880-17204-168
Matrix: Solid
Date Collected: 07/20/22 11:43
Date Received: 07/21/22 11:12

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 02:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 13:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 13:19	CH	XEN MID

Client Sample ID: C-169 0-1.5'

Lab Sample ID: 880-17204-169
Matrix: Solid
Date Collected: 07/20/22 11:44
Date Received: 07/21/22 11:12

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 03:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 14:17	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 13:42	CH	XEN MID

Client Sample ID: C-170 0-1.5'

Lab Sample ID: 880-17204-170
Matrix: Solid
Date Collected: 07/20/22 11:45
Date Received: 07/21/22 11:12

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 03:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		5			30952	07/29/22 14:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 13:50	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-171 0-1.5'

Lab Sample ID: 880-17204-171
Matrix: Solid
Date Collected: 07/20/22 11:46
Date Received: 07/21/22 11:12

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 04:06	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 15:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 13:58	CH	XEN MID

Client Sample ID: C-172 0-1.5'

Lab Sample ID: 880-17204-172
Matrix: Solid
Date Collected: 07/20/22 11:47
Date Received: 07/21/22 11:12

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 04:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 16:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 14:06	CH	XEN MID

Client Sample ID: C-173 0-1.5'

Lab Sample ID: 880-17204-173
Matrix: Solid
Date Collected: 07/20/22 11:48
Date Received: 07/21/22 11:12

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 04:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 16:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 14:14	CH	XEN MID

Client Sample ID: C-174 4'

Lab Sample ID: 880-17204-174
Matrix: Solid
Date Collected: 07/20/22 12:17
Date Received: 07/21/22 11:12

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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 05:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-174 4'
Date Collected: 07/20/22 12:17
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-174
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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 16:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 14:21	CH	XEN MID

Client Sample ID: C-175 4'
Date Collected: 07/20/22 12:18
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-175
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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 05:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 17:12	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30270	07/21/22 13:41	SMC	XEN MID
Soluble	Analysis	300.0		1			30822	07/29/22 14:29	CH	XEN MID

Client Sample ID: C-176 4'
Date Collected: 07/20/22 12:19
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-176
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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 05:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 17:33	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 15:32	CH	XEN MID

Client Sample ID: C-177 4'
Date Collected: 07/20/22 12:19
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-177
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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 06:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 17:56	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-177 4'
Date Collected: 07/20/22 12:19
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-177
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	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 15:56	CH	XEN MID

Client Sample ID: C-178 4'
Date Collected: 07/20/22 12:20
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-178
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	30706	07/26/22 13:56	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31095	08/01/22 06:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 18:20	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 16:03	CH	XEN MID

Client Sample ID: C-179 4'
Date Collected: 07/20/22 12:21
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-179
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 14:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 18:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 16:11	CH	XEN MID

Client Sample ID: C-180 4'
Date Collected: 07/20/22 12:21
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-180
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 15:03	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30807	07/27/22 11:20	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/29/22 19:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 16:19	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-181 4'
Date Collected: 07/20/22 12:22
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-181
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 15:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 10:23	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 16:43	CH	XEN MID

Client Sample ID: C-182 4'
Date Collected: 07/20/22 12:23
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-182
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 15:43	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 11:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 16:50	CH	XEN MID

Client Sample ID: C-183 4'
Date Collected: 07/20/22 12:24
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-183
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 16:04	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 12:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 19:18	CH	XEN MID

Client Sample ID: C-184 4'
Date Collected: 07/20/22 12:25
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-184
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 16:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-184 4'
Date Collected: 07/20/22 12:25
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-184
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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 12:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 19:26	CH	XEN MID

Client Sample ID: C-185 4'
Date Collected: 07/20/22 12:26
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-185
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 16:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 12:51	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 19:34	CH	XEN MID

Client Sample ID: C-186 4'
Date Collected: 07/20/22 12:27
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-186
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 17:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 13:13	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 19:42	CH	XEN MID

Client Sample ID: C-187 4'
Date Collected: 07/20/22 12:28
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-187
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 17:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 13:34	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-187 4'
Date Collected: 07/20/22 12:28
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-187
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			4.99 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 20:05	CH	XEN MID

Client Sample ID: C-188 4'
Date Collected: 07/20/22 12:29
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-188
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 17:46	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 13:56	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 20:13	CH	XEN MID

Client Sample ID: C-189 4'
Date Collected: 07/20/22 12:30
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-189
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 19:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 14:17	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 20:37	CH	XEN MID

Client Sample ID: C-190 4'
Date Collected: 07/20/22 12:31
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-190
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 19:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 14:39	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 20:45	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-191 4'
Date Collected: 07/20/22 12:32
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-191
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 20:18	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 15:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 20:53	CH	XEN MID

Client Sample ID: C-192 4'
Date Collected: 07/20/22 12:33
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-192
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 20:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 16:07	AJ	XEN MID
Soluble	Leach	DI Leach			5.05 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 21:01	CH	XEN MID

Client Sample ID: C-193 4'
Date Collected: 07/20/22 12:34
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-193
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 20:59	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 16:28	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 21:08	CH	XEN MID

Client Sample ID: C-194 4'
Date Collected: 07/20/22 12:35
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-194
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 21:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-194 4'
Date Collected: 07/20/22 12:35
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-194
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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 16:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 21:16	CH	XEN MID

Client Sample ID: C-195 4'
Date Collected: 07/20/22 12:36
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-195
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 21:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 17:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30271	07/21/22 13:50	SMC	XEN MID
Soluble	Analysis	300.0		1			30823	07/29/22 21:24	CH	XEN MID

Client Sample ID: C-196
Date Collected: 07/20/22 12:36
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-196
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 22:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 17:33	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30278	07/21/22 13:55	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 03:10	CH	XEN MID

Client Sample ID: C-197
Date Collected: 07/20/22 12:37
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-197
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 22:21	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 17:56	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-197
Date Collected: 07/20/22 12:37
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-197
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	30278	07/21/22 13:55	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 03:33	CH	XEN MID

Client Sample ID: C-198
Date Collected: 07/20/22 12:38
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-198
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	30707	07/26/22 13:58	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	07/31/22 22:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 18:20	AJ	XEN MID
Soluble	Leach	DI Leach			4.95 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 03:41	CH	XEN MID

Client Sample ID: C-199
Date Collected: 07/20/22 12:39
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-199
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 02:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 18:46	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 03:49	CH	XEN MID

Client Sample ID: C-200
Date Collected: 07/20/22 12:40
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-200
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 02:40	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30836	07/27/22 16:03	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 19:09	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 03:57	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-201
Date Collected: 07/20/22 12:41
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-201
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 03:00	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 20:59	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 04:20	CH	XEN MID

Client Sample ID: C-202
Date Collected: 07/20/22 12:42
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-202
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 03:20	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 22:04	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 04:28	CH	XEN MID

Client Sample ID: C-203
Date Collected: 07/20/22 12:43
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-203
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 03:41	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 22:26	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 04:36	CH	XEN MID

Client Sample ID: C-204
Date Collected: 07/20/22 12:44
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-204
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 04:01	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-204
Date Collected: 07/20/22 12:44
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-204
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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 22:47	AJ	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 04:44	CH	XEN MID

Client Sample ID: C-205
Date Collected: 07/20/22 12:45
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-205
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 04:22	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 23:09	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 04:52	CH	XEN MID

Client Sample ID: C-206
Date Collected: 07/20/22 12:47
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-206
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 04:42	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 23:31	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 04:59	CH	XEN MID

Client Sample ID: C-207
Date Collected: 07/20/22 12:48
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-207
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 05:02	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/29/22 23:52	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-207
Date Collected: 07/20/22 12:48
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-207
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 05:23	CH	XEN MID

Client Sample ID: C-208
Date Collected: 07/20/22 12:49
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-208
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 05:23	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 00:14	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 05:31	CH	XEN MID

Client Sample ID: C-209
Date Collected: 07/20/22 12:50
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-209
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 07:12	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 00:36	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 05:54	CH	XEN MID

Client Sample ID: C-210
Date Collected: 07/20/22 12:51
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-210
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 07:33	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 00:57	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 06:02	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-211 4'

Lab Sample ID: 880-17204-211
Matrix: Solid
Date Collected: 07/20/22 12:52
Date Received: 07/21/22 11:12

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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 07:53	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 01:41	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 06:10	CH	XEN MID

Client Sample ID: C-212 4'

Lab Sample ID: 880-17204-212
Matrix: Solid
Date Collected: 07/20/22 12:53
Date Received: 07/21/22 11:12

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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 08:37	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 02:02	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 06:18	CH	XEN MID

Client Sample ID: C-213 4'

Lab Sample ID: 880-17204-213
Matrix: Solid
Date Collected: 07/20/22 12:54
Date Received: 07/21/22 11:12

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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 08:57	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 02:24	AJ	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 06:26	CH	XEN MID

Client Sample ID: C-214 4'

Lab Sample ID: 880-17204-214
Matrix: Solid
Date Collected: 07/20/22 12:55
Date Received: 07/21/22 11:12

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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 09:17	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-214 4'

Lab Sample ID: 880-17204-214
Matrix: Solid
Date Collected: 07/20/22 12:55
Date Received: 07/21/22 11:12

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 02:45	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 06:34	CH	XEN MID

Client Sample ID: C-215 4'

Lab Sample ID: 880-17204-215
Matrix: Solid
Date Collected: 07/20/22 12:56
Date Received: 07/21/22 11:12

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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 09:38	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 03:07	AJ	XEN MID
Soluble	Leach	DI Leach			5 g	50 mL	30278	07/21/22 13:56	SMC	XEN MID
Soluble	Analysis	300.0		1			30824	07/30/22 06:42	CH	XEN MID

Client Sample ID: C-216 4'

Lab Sample ID: 880-17204-216
Matrix: Solid
Date Collected: 07/20/22 12:57
Date Received: 07/21/22 11:12

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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 09:58	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 03:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.97 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 04:22	CH	XEN MID

Client Sample ID: C-217 4'

Lab Sample ID: 880-17204-217
Matrix: Solid
Date Collected: 07/20/22 12:58
Date Received: 07/21/22 11:12

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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 10:19	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 03:50	AJ	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-217 4'

Date Collected: 07/20/22 12:58
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-217
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	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 04:49	CH	XEN MID

Client Sample ID: C-218 4'

Date Collected: 07/20/22 12:59
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-218
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	30708	07/26/22 14:01	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31094	08/01/22 10:39	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 04:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 04:59	CH	XEN MID

Client Sample ID: C-219 4'

Date Collected: 07/20/22 13:00
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-219
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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/01/22 22:24	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 04:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 05:08	CH	XEN MID

Client Sample ID: C-220 4'

Date Collected: 07/20/22 13:01
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-220
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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/01/22 22:45	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30837	07/27/22 16:06	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30950	07/30/22 04:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 05:17	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-221 0-4'

Date Collected: 07/20/22 13:02
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-221

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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/01/22 23:05	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30925	07/28/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/30/22 03:28	AJ	XEN MID
Soluble	Leach	DI Leach			4.98 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 05:45	CH	XEN MID

Client Sample ID: C-222 0-4'

Date Collected: 07/20/22 13:03
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-222

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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/01/22 23:26	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30925	07/28/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/30/22 03:50	AJ	XEN MID
Soluble	Leach	DI Leach			4.99 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 05:54	CH	XEN MID

Client Sample ID: C-223 0-4'

Date Collected: 07/20/22 13:04
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-223

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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/01/22 23:47	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30925	07/28/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/30/22 04:12	AJ	XEN MID
Soluble	Leach	DI Leach			5.03 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 06:03	CH	XEN MID

Client Sample ID: C-224 0-4'

Date Collected: 07/20/22 13:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-224

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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/02/22 00:07	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-224 0-4'

Date Collected: 07/20/22 13:05
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-224

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			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	30925	07/28/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/30/22 04:33	AJ	XEN MID
Soluble	Leach	DI Leach			5.01 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 06:12	CH	XEN MID

Client Sample ID: C-225 0-4'

Date Collected: 07/20/22 13:06
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-225

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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/02/22 00:28	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30925	07/28/22 13:32	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30952	07/30/22 04:54	AJ	XEN MID
Soluble	Leach	DI Leach			5.04 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 06:21	CH	XEN MID

Client Sample ID: C-226 0-4'

Date Collected: 07/20/22 13:07
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-226

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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/02/22 00:49	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30915	07/28/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/29/22 03:56	SM	XEN MID
Soluble	Leach	DI Leach			5.02 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 06:31	CH	XEN MID

Client Sample ID: C-227 0-4'

Date Collected: 07/20/22 13:08
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-227

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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/02/22 01:09	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	30915	07/28/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/29/22 04:17	SM	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Client Sample ID: C-227 0-4'
Date Collected: 07/20/22 13:08
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-227
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	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 06:59	CH	XEN MID

Client Sample ID: C-228 0-4'
Date Collected: 07/20/22 13:09
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-228
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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/02/22 01:30	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	30915	07/28/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/29/22 04:39	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 07:08	CH	XEN MID

Client Sample ID: C-229 0-4'
Date Collected: 07/20/22 13:10
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-229
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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/02/22 02:52	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	30915	07/28/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/29/22 05:00	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 07:35	CH	XEN MID

Client Sample ID: C-230 0-4'
Date Collected: 07/20/22 13:11
Date Received: 07/21/22 11:12

Lab Sample ID: 880-17204-230
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	30914	07/28/22 10:44	MR	XEN MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	31149	08/02/22 03:13	MR	XEN MID
Total/NA	Analysis	Total BTEX		1			30792	07/27/22 10:07	SM	XEN MID
Total/NA	Analysis	8015 NM		1			30774	07/27/22 09:04	AJ	XEN MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	30915	07/28/22 11:13	DM	XEN MID
Total/NA	Analysis	8015B NM		1			30863	07/29/22 05:22	SM	XEN MID
Soluble	Leach	DI Leach			4.96 g	50 mL	30279	07/21/22 13:58	SMC	XEN MID
Soluble	Analysis	300.0		1			30713	07/27/22 07:45	CH	XEN MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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. Job ID: 880-17204-1
Project/Site: Turkey Tract SDG: 22-104-02

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: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17204-1	C-1 1.5'	Solid	07/19/22 12:00	07/21/22 11:12
880-17204-2	C-2 1.5'	Solid	07/19/22 12:01	07/21/22 11:12
880-17204-3	C-3 1.5'	Solid	07/19/22 12:02	07/21/22 11:12
880-17204-4	C-4 1.5'	Solid	07/19/22 12:03	07/21/22 11:12
880-17204-5	C-5 1.5'	Solid	07/19/22 12:04	07/21/22 11:12
880-17204-6	C-6 1.5'	Solid	07/19/22 12:05	07/21/22 11:12
880-17204-7	C-7 1.5'	Solid	07/19/22 12:06	07/21/22 11:12
880-17204-8	C-8 1.5'	Solid	07/19/22 12:07	07/21/22 11:12
880-17204-9	C-9 1.5'	Solid	07/19/22 12:08	07/21/22 11:12
880-17204-10	C-10 1.5'	Solid	07/19/22 12:09	07/21/22 11:12
880-17204-11	C-11 1.5'	Solid	07/19/22 12:10	07/21/22 11:12
880-17204-12	C-12 1.5'	Solid	07/19/22 12:11	07/21/22 11:12
880-17204-13	C-13 2'	Solid	07/19/22 12:12	07/21/22 11:12
880-17204-14	C-14 2'	Solid	07/19/22 12:13	07/21/22 11:12
880-17204-15	C-15 2'	Solid	07/19/22 12:14	07/21/22 11:12
880-17204-16	C-16 1'	Solid	07/19/22 12:15	07/21/22 11:12
880-17204-17	C-17 1'	Solid	07/19/22 12:16	07/21/22 11:12
880-17204-18	C-18 1'	Solid	07/19/22 12:17	07/21/22 11:12
880-17204-19	C-19 1'	Solid	07/19/22 12:18	07/21/22 11:12
880-17204-20	C-20 2'	Solid	07/19/22 12:19	07/21/22 11:12
880-17204-21	C-21 2'	Solid	07/19/22 12:20	07/21/22 11:12
880-17204-22	C-22 2'	Solid	07/19/22 12:21	07/21/22 11:12
880-17204-23	C-23 2'	Solid	07/19/22 12:22	07/21/22 11:12
880-17204-24	C-24 2'	Solid	07/19/22 12:23	07/21/22 11:12
880-17204-25	C-25 2'	Solid	07/19/22 12:24	07/21/22 11:12
880-17204-26	C-26 2'	Solid	07/19/22 12:25	07/21/22 11:12
880-17204-27	C-27 2'	Solid	07/19/22 12:26	07/21/22 11:12
880-17204-28	C-28 2'	Solid	07/19/22 12:27	07/21/22 11:12
880-17204-29	C-29 2'	Solid	07/19/22 12:28	07/21/22 11:12
880-17204-30	C-30 2'	Solid	07/19/22 12:29	07/21/22 11:12
880-17204-31	C-31 2'	Solid	07/19/22 12:30	07/21/22 11:12
880-17204-32	C-32 2'	Solid	07/19/22 12:31	07/21/22 11:12
880-17204-33	C-33 2'	Solid	07/19/22 12:32	07/21/22 11:12
880-17204-34	C-34 2'	Solid	07/19/22 12:33	07/21/22 11:12
880-17204-35	C-35 2'	Solid	07/19/22 12:34	07/21/22 11:12
880-17204-36	C- 36 0-1.5'	Solid	07/19/22 12:35	07/21/22 11:12
880-17204-37	C-37 0-2'	Solid	07/19/22 12:36	07/21/22 11:12
880-17204-38	C-38 0-2'	Solid	07/19/22 12:37	07/21/22 11:12
880-17204-39	C-39 0-2'	Solid	07/19/22 12:38	07/21/22 11:12
880-17204-40	C-40 0-2'	Solid	07/19/22 12:39	07/21/22 11:12
880-17204-41	C-41 0-2'	Solid	07/19/22 12:40	07/21/22 11:12
880-17204-42	C-42 0-2'	Solid	07/19/22 12:41	07/21/22 11:12
880-17204-43	C-43 0-2'	Solid	07/19/22 12:42	07/21/22 11:12
880-17204-44	C-44 0-1.5'	Solid	07/19/22 12:43	07/21/22 11:12
880-17204-45	C-45 2	Solid	07/19/22 13:30	07/21/22 11:12
880-17204-46	C-46 2	Solid	07/19/22 13:31	07/21/22 11:12
880-17204-47	C-47 2	Solid	07/19/22 13:32	07/21/22 11:12
880-17204-48	C-48 2	Solid	07/19/22 13:33	07/21/22 11:12
880-17204-49	C-49 2	Solid	07/19/22 13:34	07/21/22 11:12
880-17204-50	C-50 2	Solid	07/19/22 13:35	07/21/22 11:12
880-17204-51	C-51 2	Solid	07/19/22 13:36	07/21/22 11:12
880-17204-52	C-52 2	Solid	07/19/22 13:37	07/21/22 11:12
880-17204-53	C-53 2	Solid	07/19/22 13:38	07/21/22 11:12
880-17204-54	C-54 2	Solid	07/19/22 13:39	07/21/22 11:12
880-17204-55	C-55 2	Solid	07/19/22 13:40	07/21/22 11:12

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17204-56	C-56 2	Solid	07/19/22 13:41	07/21/22 11:12
880-17204-57	C-57 2	Solid	07/19/22 13:42	07/21/22 11:12
880-17204-58	C-58 2	Solid	07/19/22 13:43	07/21/22 11:12
880-17204-59	C-59 2	Solid	07/19/22 13:44	07/21/22 11:12
880-17204-60	C-60 2	Solid	07/19/22 13:45	07/21/22 11:12
880-17204-61	C-61 2'	Solid	07/19/22 13:46	07/21/22 11:12
880-17204-62	C-62 2'	Solid	07/19/22 13:47	07/21/22 11:12
880-17204-63	C-63 2'	Solid	07/19/22 13:48	07/21/22 11:12
880-17204-64	C-64 2'	Solid	07/19/22 13:49	07/21/22 11:12
880-17204-65	C-65 2'	Solid	07/19/22 13:50	07/21/22 11:12
880-17204-66	C-66 2'	Solid	07/19/22 13:51	07/21/22 11:12
880-17204-67	C-67 2'	Solid	07/19/22 13:52	07/21/22 11:12
880-17204-68	C-68 2'	Solid	07/19/22 13:53	07/21/22 11:12
880-17204-69	C-69 2'	Solid	07/19/22 13:54	07/21/22 11:12
880-17204-70	C-70 2'	Solid	07/19/22 13:55	07/21/22 11:12
880-17204-71	C-71 2'	Solid	07/19/22 13:56	07/21/22 11:12
880-17204-72	C-72 2'	Solid	07/19/22 13:57	07/21/22 11:12
880-17204-73	C-73 2'	Solid	07/19/22 13:58	07/21/22 11:12
880-17204-74	C-74 2'	Solid	07/19/22 13:59	07/21/22 11:12
880-17204-75	C-75 2'	Solid	07/19/22 14:00	07/21/22 11:12
880-17204-76	C-76 2'	Solid	07/19/22 14:01	07/21/22 11:12
880-17204-77	C-77 2'	Solid	07/19/22 14:02	07/21/22 11:12
880-17204-78	C-78 2'	Solid	07/19/22 14:03	07/21/22 11:12
880-17204-79	C-79 2'	Solid	07/19/22 14:04	07/21/22 11:12
880-17204-80	C-80 2'	Solid	07/19/22 14:05	07/21/22 11:12
880-17204-81	C-81 2'	Solid	07/19/22 14:06	07/21/22 11:12
880-17204-82	C-82 2'	Solid	07/20/22 10:00	07/21/22 11:12
880-17204-83	C-83 2'	Solid	07/20/22 10:01	07/21/22 11:12
880-17204-84	C-84 2'	Solid	07/20/22 10:02	07/21/22 11:12
880-17204-85	C-85 2'	Solid	07/20/22 10:03	07/21/22 11:12
880-17204-86	C-86 2'	Solid	07/20/22 10:04	07/21/22 11:12
880-17204-87	C-87 2'	Solid	07/20/22 10:05	07/21/22 11:12
880-17204-88	C-88 2'	Solid	07/20/22 10:06	07/21/22 11:12
880-17204-89	C-89 2'	Solid	07/20/22 10:07	07/21/22 11:12
880-17204-90	C-90 2'	Solid	07/20/22 10:08	07/21/22 11:12
880-17204-91	C-91 2'	Solid	07/20/22 10:09	07/21/22 11:12
880-17204-92	C-92 2'	Solid	07/20/22 10:10	07/21/22 11:12
880-17204-93	C-93 2'	Solid	07/20/22 10:11	07/21/22 11:12
880-17204-94	C-94 2'	Solid	07/20/22 10:12	07/21/22 11:12
880-17204-95	C-95 2'	Solid	07/20/22 10:13	07/21/22 11:12
880-17204-96	C-96 2'	Solid	07/20/22 10:14	07/21/22 11:12
880-17204-97	C-97 2'	Solid	07/20/22 10:15	07/21/22 11:12
880-17204-98	C-98 2'	Solid	07/20/22 10:16	07/21/22 11:12
880-17204-99	C-99 2'	Solid	07/20/22 10:17	07/21/22 11:12
880-17204-100	C-100 2'	Solid	07/20/22 10:18	07/21/22 11:12
880-17204-101	C-101 2'	Solid	07/20/22 10:19	07/21/22 11:12
880-17204-102	C-102 2'	Solid	07/20/22 10:20	07/21/22 11:12
880-17204-103	C-103 2'	Solid	07/20/22 10:21	07/21/22 11:12
880-17204-104	C-104 2'	Solid	07/20/22 10:22	07/21/22 11:12
880-17204-105	C-105 2'	Solid	07/20/22 10:23	07/21/22 11:12
880-17204-106	C-106 2'	Solid	07/20/22 10:24	07/21/22 11:12
880-17204-107	C-107 2'	Solid	07/20/22 10:25	07/21/22 11:12
880-17204-108	C-108 2'	Solid	07/20/22 10:26	07/21/22 11:12
880-17204-109	C-109 2'	Solid	07/20/22 10:27	07/21/22 11:12
880-17204-110	C-110 2'	Solid	07/20/22 10:28	07/21/22 11:12

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17204-111	C-111 2'	Solid	07/20/22 10:29	07/21/22 11:12
880-17204-112	C-112 2'	Solid	07/20/22 10:30	07/21/22 11:12
880-17204-113	C-113 2'	Solid	07/20/22 10:31	07/21/22 11:12
880-17204-114	C-114 2'	Solid	07/20/22 10:32	07/21/22 11:12
880-17204-115	C-115 2'	Solid	07/20/22 10:33	07/21/22 11:12
880-17204-116	C-116 2'	Solid	07/20/22 10:34	07/21/22 11:12
880-17204-117	C-117 0-2'	Solid	07/20/22 10:35	07/21/22 11:12
880-17204-118	C-118 0-2'	Solid	07/20/22 10:36	07/21/22 11:12
880-17204-119	C-119 0-2'	Solid	07/20/22 10:37	07/21/22 11:12
880-17204-120	C-120 0-2'	Solid	07/20/22 10:38	07/21/22 11:12
880-17204-121	C-121 0-2'	Solid	07/20/22 10:39	07/21/22 11:12
880-17204-122	C-122 0-2'	Solid	07/20/22 10:40	07/21/22 11:12
880-17204-123	C-123 2.5	Solid	07/20/22 11:00	07/21/22 11:12
880-17204-124	C-124 2.5	Solid	07/20/22 11:01	07/21/22 11:12
880-17204-125	C-125 2.5	Solid	07/20/22 11:02	07/21/22 11:12
880-17204-126	C-126 2.5	Solid	07/20/22 11:03	07/21/22 11:12
880-17204-127	C-127 2.5	Solid	07/20/22 11:04	07/21/22 11:12
880-17204-128	C-128 2.5	Solid	07/20/22 11:05	07/21/22 11:12
880-17204-129	C-129 2.5	Solid	07/20/22 11:06	07/21/22 11:12
880-17204-130	C-130 2.5	Solid	07/20/22 11:07	07/21/22 11:12
880-17204-131	C-131 2.5	Solid	07/20/22 11:08	07/21/22 11:12
880-17204-132	C-132 2.5	Solid	07/20/22 11:09	07/21/22 11:12
880-17204-133	C-133 2.5	Solid	07/20/22 11:10	07/21/22 11:12
880-17204-134	C-134 2.5	Solid	07/20/22 11:11	07/21/22 11:12
880-17204-135	C-135 2.5	Solid	07/20/22 11:12	07/21/22 11:12
880-17204-136	C-136 2.5	Solid	07/20/22 11:13	07/21/22 11:12
880-17204-137	C-137 2.5	Solid	07/20/22 11:14	07/21/22 11:12
880-17204-138	C-138 2.5	Solid	07/20/22 11:15	07/21/22 11:12
880-17204-139	C-139 2.5	Solid	07/20/22 11:16	07/21/22 11:12
880-17204-140	C-140 1.5	Solid	07/20/22 11:17	07/21/22 11:12
880-17204-141	C-141 1.5	Solid	07/20/22 11:18	07/21/22 11:12
880-17204-142	C-142 1.5	Solid	07/20/22 11:19	07/21/22 11:12
880-17204-143	C-143 1.5	Solid	07/20/22 11:18	07/21/22 11:12
880-17204-144	C-144 1.5	Solid	07/20/22 11:19	07/21/22 11:12
880-17204-145	C-145 1.5	Solid	07/20/22 11:20	07/21/22 11:12
880-17204-146	C-146 1.5	Solid	07/20/22 11:21	07/21/22 11:12
880-17204-147	C-147 1.5	Solid	07/20/22 11:22	07/21/22 11:12
880-17204-148	C-148 1.5	Solid	07/20/22 11:23	07/21/22 11:12
880-17204-149	C-149 1.5	Solid	07/20/22 11:24	07/21/22 11:12
880-17204-150	C-150 1.5	Solid	07/20/22 11:25	07/21/22 11:12
880-17204-151	C-151 1.5	Solid	07/20/22 11:26	07/21/22 11:12
880-17204-152	C-152 1.5	Solid	07/20/22 11:27	07/21/22 11:12
880-17204-153	C-153 1.5	Solid	07/20/22 11:28	07/21/22 11:12
880-17204-154	C-154 1.5	Solid	07/20/22 11:29	07/21/22 11:12
880-17204-155	C-155 1.5	Solid	07/20/22 11:30	07/21/22 11:12
880-17204-156	C-156 1.5	Solid	07/20/22 11:31	07/21/22 11:12
880-17204-157	C-157 1.5	Solid	07/20/22 11:32	07/21/22 11:12
880-17204-158	C-158 1.5	Solid	07/20/22 11:33	07/21/22 11:12
880-17204-159	C-159 1.5	Solid	07/20/22 11:34	07/21/22 11:12
880-17204-160	C-160 1.5	Solid	07/20/22 11:35	07/21/22 11:12
880-17204-161	C-161 1.5	Solid	07/20/22 11:36	07/21/22 11:12
880-17204-162	C-162 1.5	Solid	07/20/22 11:37	07/21/22 11:12
880-17204-163	C-163 1.5	Solid	07/20/22 11:38	07/21/22 11:12
880-17204-164	C-164 0-2.5	Solid	07/20/22 11:39	07/21/22 11:12
880-17204-165	C-165 0-2.5	Solid	07/20/22 11:40	07/21/22 11:12

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17204-166	C-166 0-2.5'	Solid	07/20/22 11:41	07/21/22 11:12
880-17204-167	C-167 0-2.5'	Solid	07/20/22 11:42	07/21/22 11:12
880-17204-168	C-168 0-2.5'	Solid	07/20/22 11:43	07/21/22 11:12
880-17204-169	C-169 0-1.5'	Solid	07/20/22 11:44	07/21/22 11:12
880-17204-170	C-170 0-1.5'	Solid	07/20/22 11:45	07/21/22 11:12
880-17204-171	C-171 0-1.5'	Solid	07/20/22 11:46	07/21/22 11:12
880-17204-172	C-172 0-1.5'	Solid	07/20/22 11:47	07/21/22 11:12
880-17204-173	C-173 0-1.5'	Solid	07/20/22 11:48	07/21/22 11:12
880-17204-174	C-174 4'	Solid	07/20/22 12:17	07/21/22 11:12
880-17204-175	C-175 4'	Solid	07/20/22 12:18	07/21/22 11:12
880-17204-176	C-176 4'	Solid	07/20/22 12:19	07/21/22 11:12
880-17204-177	C-177 4'	Solid	07/20/22 12:19	07/21/22 11:12
880-17204-178	C-178 4'	Solid	07/20/22 12:20	07/21/22 11:12
880-17204-179	C-179 4'	Solid	07/20/22 12:21	07/21/22 11:12
880-17204-180	C-180 4'	Solid	07/20/22 12:21	07/21/22 11:12
880-17204-181	C-181 4'	Solid	07/20/22 12:22	07/21/22 11:12
880-17204-182	C-182 4'	Solid	07/20/22 12:23	07/21/22 11:12
880-17204-183	C-183 4'	Solid	07/20/22 12:24	07/21/22 11:12
880-17204-184	C-184 4'	Solid	07/20/22 12:25	07/21/22 11:12
880-17204-185	C-185 4'	Solid	07/20/22 12:26	07/21/22 11:12
880-17204-186	C-186 4'	Solid	07/20/22 12:27	07/21/22 11:12
880-17204-187	C-187 4'	Solid	07/20/22 12:28	07/21/22 11:12
880-17204-188	C-188 4'	Solid	07/20/22 12:29	07/21/22 11:12
880-17204-189	C-189 4'	Solid	07/20/22 12:30	07/21/22 11:12
880-17204-190	C-190 4'	Solid	07/20/22 12:31	07/21/22 11:12
880-17204-191	C-191 4'	Solid	07/20/22 12:32	07/21/22 11:12
880-17204-192	C-192 4'	Solid	07/20/22 12:33	07/21/22 11:12
880-17204-193	C-193 4'	Solid	07/20/22 12:34	07/21/22 11:12
880-17204-194	C-194 4'	Solid	07/20/22 12:35	07/21/22 11:12
880-17204-195	C-195 4'	Solid	07/20/22 12:36	07/21/22 11:12
880-17204-196	C-196	Solid	07/20/22 12:36	07/21/22 11:12
880-17204-197	C-197	Solid	07/20/22 12:37	07/21/22 11:12
880-17204-198	C-198	Solid	07/20/22 12:38	07/21/22 11:12
880-17204-199	C-199	Solid	07/20/22 12:39	07/21/22 11:12
880-17204-200	C-200	Solid	07/20/22 12:40	07/21/22 11:12
880-17204-201	C-201	Solid	07/20/22 12:41	07/21/22 11:12
880-17204-202	C-202	Solid	07/20/22 12:42	07/21/22 11:12
880-17204-203	C-203	Solid	07/20/22 12:43	07/21/22 11:12
880-17204-204	C-204	Solid	07/20/22 12:44	07/21/22 11:12
880-17204-205	C-205	Solid	07/20/22 12:45	07/21/22 11:12
880-17204-206	C-206	Solid	07/20/22 12:47	07/21/22 11:12
880-17204-207	C-207	Solid	07/20/22 12:48	07/21/22 11:12
880-17204-208	C-208	Solid	07/20/22 12:49	07/21/22 11:12
880-17204-209	C-209	Solid	07/20/22 12:50	07/21/22 11:12
880-17204-210	C-210	Solid	07/20/22 12:51	07/21/22 11:12
880-17204-211	C-211 4'	Solid	07/20/22 12:52	07/21/22 11:12
880-17204-212	C-212 4'	Solid	07/20/22 12:53	07/21/22 11:12
880-17204-213	C-213 4'	Solid	07/20/22 12:54	07/21/22 11:12
880-17204-214	C-214 4'	Solid	07/20/22 12:55	07/21/22 11:12
880-17204-215	C-215 4'	Solid	07/20/22 12:56	07/21/22 11:12
880-17204-216	C-216 4'	Solid	07/20/22 12:57	07/21/22 11:12
880-17204-217	C-217 4'	Solid	07/20/22 12:58	07/21/22 11:12
880-17204-218	C-218 4'	Solid	07/20/22 12:59	07/21/22 11:12
880-17204-219	C-219 4'	Solid	07/20/22 13:00	07/21/22 11:12
880-17204-220	C-220 4'	Solid	07/20/22 13:01	07/21/22 11:12

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-17204-1
SDG: 22-104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-17204-221	C-221 0-4'	Solid	07/20/22 13:02	07/21/22 11:12
880-17204-222	C-222 0-4'	Solid	07/20/22 13:03	07/21/22 11:12
880-17204-223	C-223 0-4'	Solid	07/20/22 13:04	07/21/22 11:12
880-17204-224	C-224 0-4'	Solid	07/20/22 13:05	07/21/22 11:12
880-17204-225	C-225 0-4'	Solid	07/20/22 13:06	07/21/22 11:12
880-17204-226	C-226 0-4'	Solid	07/20/22 13:07	07/21/22 11:12
880-17204-227	C-227 0-4'	Solid	07/20/22 13:08	07/21/22 11:12
880-17204-228	C-228 0-4'	Solid	07/20/22 13:09	07/21/22 11:12
880-17204-229	C-229 0-4'	Solid	07/20/22 13:10	07/21/22 11:12
880-17204-230	C-230 0-4'	Solid	07/20/22 13:11	07/21/22 11:12

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



17204 No. 2642

CHAIN-OF-CUSTODY

8/3/2022

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

Data Reported to

DATE 7/21/2022 PAGE 1 OF 16

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-104-02 COLLECTOR: DSG / JH

TRRP report? ☐ Yes ☒ No

TIME ZONE Time zone/State: MNT / 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 ☐ | pH ☐ | HEXAVALENT CHROMIUM ☐ | CYANIDE ☐ | 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 ☐	pH ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE ☒	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-1 1.5'		7/19/22	1200	S	1				X		X			X	X	X																							X				
C-2 1.5'			1201																																								
C-3 1.5'			1202																																								
C-4 1.5'			1203																																								
C-5 1.5			1204																																								
C-6 1.5'			1205																																								
C-7 1.5'			1206																																								
C-8 1.5'			1207																																								
C-9 1.5'			1208																																								
C-10 1.5'			1209																																								
C-11 1.5'			1210																																								
C-12 1.5'			1211																																								
C-13 2'			1212																																								
C-14 2			1213																																								
C-15 2'			1214																																								
TOTAL 15																																											

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
DSGlemo	7/21/22 11:12	
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 .6/.0 THERM# IR8 +.2C
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☒ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

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17204 No. 2643

CHAIN-OF-CUSTODY

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

Data Reported to

DATE: 7/21/2022 PAGE 2 OF 16

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG/JH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT/NM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-16 1'		7/19/22	1215	S	1				X		X		X	X	X												X		
C-17 1'			1216																										
C-18 1'			1217																										
C-19 1'			1218																										
C-20 2'			1219																										
C-21 2'			1220																										
C-22 2'			1221																										
C-23 2'			1222																										
C-24 2'			1223																										
C-25 2'			1224																										
C-26 2'			1225																										
C-27 2'			1226																										
C-28 2'			1227																										
C-29 2'			1228																										
C-30 2'		"	1229																										
TOTAL 15																													

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
Dennis Gee	7/21/22 11 12	
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 ____ THERM# ____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # ____
☐ HAND DELIVERED

8/3/2022
Page 385 of 400
Received by OCD: 1/19/2023 8:31:56 AM
Released to Imaging: 5/18/2023 2:46:41 PM

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17204 No. 2644

CHAIN-OF-CUSTODY

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

DATE: 7/21/2022 PAGE 3 OF 16

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG / JH

Data Reported to

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT / NM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-31 2'		7/19/22	1230	S	1				X		X		X	X	X														X		
C-32 2'			1231																												
C-33 2'			1232																												
C-34 2'			1233																												
C-35 2'			1234																												
C-36 0-1.5			1235																												
C-37 0-2			1236																												
C-38 0-2			1237																												
C-39 0-2			1238																												
C-40 0-2			1239																												
C-41 0-2			1240																												
C-42 0-2			1241																												
C-43 ~~0-10~~ 0-2			1242																												
C-44 0-1.5			1243																												
C-45 2			1330																												
TOTAL 15																															

RELINQUISHED BY (Signature) DSG DATE/TIME 7/21/22 11:12 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 _____ THERM# _____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Received by OCD: 1/19/2023 8:31:56 AM

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Released to Imaging: 5/18/2023 2:46:41 PM

8/3/2022

17204 No. 2645

CHAIN-OF-CUSTODY

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

Data Reported to

DATE 7/21/2022 PAGE 4 OF 16

PO# _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSL/JH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT/NM

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 ☐	8081 PESTICIDES ☐	PAH 8270 ☐	8082 PCBS ☐	HOLDPAH ☐	8151 HERBICIDES ☐	TCLP - METALS (RCRA) ☐	TCLP - PEST ☐	TCLP VOC ☐	HERB ☐	TOTAL METALS (RCRA) ☐	Semi-VOC ☐	LEAD - TOTAL ☐	D W 200.8 ☐	OTHER LIST ☐	RCI ☐	TOX ☐	TCLP ☐	TDS ☐	TSS ☐	FLASHPOINT ☐	pH ☐	% MOISTURE ☐	EXPLOSIVES ☐	HEXAVALENT CHROMIUM ☐	CHLORIDE ☒	CYANIDE ☐	PECHLORATE ☐	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-46 2		7/19/22	1331	S	1				X		X			X	X	X																													
C-47 2			1332																																									
C-48 2			1333																																									
C-49 2			1334																																									
C-50 2			1335																																									
C-51 2			1336																																									
C-52 2			1337																																									
C-53 2			1338																																									
C-54 2			1339																																									
C-55 2			1340																																									
C-56 2			1341																																									
C-57 2			1342																																									
C-58 2			1343																																									
C-59 2			1344																																									
C-60 2			1345																																									
TOTAL 15																																											

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
DSL/JH	7/21/22 1112	
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 _____ THERM# _____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM
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8/3/2022

17204 No. 2646

CHAIN-OF-CUSTODY

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

Data Reported to

DATE: 7/21/2022 PAGE 5 OF 16

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG/JH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT/MM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
C-61 2'		7/19/22	1346	S	1				X		X 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 ☐	
C-62 2'			1347									
C-63 2'			1348									
C-64 2'			1349									
C-65 2'			1350									
C-66 2'			1351									
C-67 2'			1352									
C-68 2'			1353									
C-69 2'			1354									
C-70 2'			1355									
C-71 2'			1356									
C-72 2'			1357									
C-73 2'			1358									
C-74 2'			1359									
C-75 2'			1400									

TOTAL 15

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
Daniel Gomez	7/21/22 11:12	
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 ____ THERM# ____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # ____
☐ HAND DELIVERED

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17204 No. 2647

CHAIN-OF-CUSTODY

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

Data Reported to

DATE: 7/21/2022 PAGE 6 OF 16

PO# _____ LAB WORK ORDER# _____

PROJECT LOCATION OR NAME Turkey Tract

LAI PROJECT # 22-0104-02 COLLECTOR: DSG/JH

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State MNT/NM

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

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESERVED

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

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESERVED	BTEX	TRPH 418.1	TPH 1005	GASOLINE MOD 8015	DIESEL - MOD 8015	OIL - MOD 8015	VOC 8260	SVOC 8270	PAH 8270 HOLDPAH	8081 PESTICIDES	8082 PCBS	TCLP - METALS (RCRA) TCLP VOC	TCLP - PEST HERB	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	CHLORIDE ANIONS ALKALINITY	FIELD NOTES
C-76 2'		7/19/22	1401	S	1				X		X		X	X	X																X	
C-77 2		"	1402	"	"				"		"		"	"	"																"	
C-78 2'		"	1403	"	"				"		"		"	"	"																"	
C-79 2'		"	1404	"	"				"		"		"	"	"																"	
C-80 2'		"	1405	"	"				"		"		"	"	"																"	
C-81 2'		"	1406	"	"				"		"		"	"	"																"	
C-82 2'		7/20/22	1000	"	"				"		"		"	"	"																"	
C-83 2'		"	1001	"	"				"		"		"	"	"																"	
C-84 2'		"	1002	"	"				"		"		"	"	"																"	
C-85 2'		"	1003	"	"				"		"		"	"	"																"	
C-86 2'		"	1004	"	"				"		"		"	"	"																"	
C-87 2		"	1005	"	"				"		"		"	"	"																"	
C-88 2'		"	1006	"	"				"		"		"	"	"																"	
C-89 2'		"	1007	"	"				"		"		"	"	"																"	
C-90 2'		"	1008	"	"				"		"		"	"	"																"	
TOTAL 15																																

RELINQUISHED BY (Signature) DSG DATE/TIME 7/21/22 11:12 RECEIVED BY (Signature)

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RELINQUISHED BY (Signature) DATE/TIME RECEIVED BY (Signature)

LABORATORY Xenco

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

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

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8/3/2022

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17204 No. 2648

CHAIN-OF-CUSTODY

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

Data Reported to

DATE: 7/21/2022 PAGE 7 OF 16

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG/JH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT / NM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
C-91 2		7/20/22	1009	S	1				X		X	
C-92 2			1010									
C-93 2			1011									
C-94 2			1012									
C-95 2			1013									
C-96 2			1014									
C-97 2			1015									
C-98 2			1016									
C-99 2			1017									
C-100 2			1018									
C-101 2			1019									
C-102 2			1020									
C-103 2			1021									
C-104 2			1022									
C-105 2			1023									

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 ☐ | CHLORIDE ☒ | ANIONS ☐ | ALKALINITY ☐

TOTAL 15

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
DSG	7/21/22 11:12	Lab
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 ____ THERM# ____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # ____
☐ HAND DELIVERED

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17204 No. 2649

CHAIN-OF-CUSTODY

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

Data Reported to

DATE: 7/21/2022 PAGE 8 OF 16

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG/KTH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT/NM

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 ☐	pH ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDES ☒	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-106 2		7/20/22	1024	S	1				X		X				X	X	X																								X				
C-107 2		"	1025	"	"				"		"				"	"	"																								"				
C-108 2		"	1026	"	"				"		"				"	"	"																								"				
C-109 2		"	1027	"	"				"		"				"	"	"																								"				
C-110 2		"	1028	"	"				"		"				"	"	"																								"				
C-111 2		"	1029	"	"				"		"				"	"	"																								"				
C-112 2		"	1030	"	"				"		"				"	"	"																								"				
C-113 2		"	1031	"	"				"		"				"	"	"																								"				
C-114 2		"	1032	"	"				"		"				"	"	"																								"				
C-115 2		"	1033	"	"				"		"				"	"	"																								"				
C-116 2		"	1034	"	"				"		"				"	"	"																								"				
C-117 0-2		"	1035	"	"				"		"				"	"	"																								"				
C-118 0-2		"	1036	"	"				"		"				"	"	"																								"				
C-119 0-2		"	1037	"	"				"		"				"	"	"																								"				
C-120 0-2		"	1038	"	"				"		"				"	"	"																								"				

TOTAL 15

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
[signature]	7/21/22 11:12	[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 ____ THERM# ____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # ____
☐ HAND DELIVERED

8/3/2022

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17204

No. 2650

CHAIN-OF-CUSTODY

8/3/2022

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

Data Reported to

DATE: 7/21/2022 PAGE 9 OF 16

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: ~~22-0104-02~~ TURKEY TRACT

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG / JH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT/NM

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
C-121 0-2		7/20/22	1039	S	1				X		X			X	X	X												X		
C-122 0-2			1040																											
C-123 ~~0-2.5~~			~~1100~~ 1041																											
C-124 2.5			~~1101~~ 1042																											
C-125 2.5			~~1102~~ 1043																											
C-126 2.5			~~1103~~ 1044																											
C-127 2.5			~~1104~~ 1045																											
C-128 2.5			~~1105~~ 1046																											
C-129 2.5			~~1106~~ 1047																											
C-130 2.5			1107																											
C-131 2.5			1108																											
C-132 2.5			1109																											
C-133 2.5			1110																											
C-134 2.5			1111																											
C-135 2.5			1112																											

TOTAL 15

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
~~DSG~~	7/21/22 11:12	UA
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 _____ THERM# _____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

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17204

No. 2651

CHAIN-OF-CUSTODY

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

Data Reported to

DATE: 7/21/2022 PAGE 10 OF 16

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG/RH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT / NM

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TPH 418.1 ☐ | TPH 1005 ☐ | TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☐ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ | PAH 8270 ☐ | HOLDPAH ☐ | 8081 PESTICIDES ☐ | 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ | TCLP VOC ☐ | TCLP - PEST ☐ | HERB ☐ | 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	TPH 418.1	TPH 1005	GASOLINE MOD 8015	DIESEL - MOD 8015	OIL - MOD 8015	VOC 8260	SVOC 8270	PAH 8270	HOLDPAH	8081 PESTICIDES	8151 HERBICIDES	8082 PCBS	TCLP - METALS (RCRA)	TCLP VOC	TCLP - PEST	HERB	Semi-VOC	TOTAL METALS (RCRA)	OTHER LIST	LEAD - TOTAL	D W 200.8	TCLP	RCI	TOX	FLASHPOINT	TDS	TSS	% MOISTURE	CYANIDE	pH	HEXAVALENT CHROMIUM	EXPLOSIVES	PECHLORATE	CHLORIDE	ANIONS	ALKALINITY	FIELD NOTES
C-136 2.5		7/20/22	1113	S	1				X		X			X	X	X																										X					
C-137 2.5		"	1114	"	"				"		"			"	"	"																										"					
C-138 2.5		"	1115	"	"				"		"			"	"	"																										"					
C-139 2.5		"	1116	"	"				"		"			"	"	"																										"					
C-140 1.5		"	1117	"	"				"		"			"	"	"																										"					
C-141 1.5		"	1118	"	"				"		"			"	"	"																										"					
C-142 1.5		"	1119	"	"				"		"			"	"	"																										"					
C-143 1.5		"	1118	"	"				"		"			"	"	"																										"					
C-144 1.5		"	1119	"	"				"		"			"	"	"																										"					
C-145 1.5		"	1120	"	"				"		"			"	"	"																										"					
C-146 1.5		"	1121	"	"				"		"			"	"	"																										"					
C-147 1.5		"	1122	"	"				"		"			"	"	"																										"					
C-148 1.5		"	1123	"	"				"		"			"	"	"																										"					
C-149 1.5		"	1124	"	"				"		"			"	"	"																										"					
C-150 1.5		"	1125	"	"				"		"			"	"	"																										"					
TOTAL 15																																																	

RELINQUISHED BY (Signature): DSG DATE/TIME: 7/21/22 11:12 RECEIVED BY (Signature): [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 _____ THERM# _____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

8/3/2022

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17204

No. 2652

CHAIN-OF-CUSTODY

8/3/2022

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

Data Reported to

DATE: 7/21/2022 PAGE 11 OF 16

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-1104-02 COLLECTOR: DSG/JTH

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 ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☑ ANIONS ☐ ALKALINITY ☐

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESSERVED	BTEX	TRPH	GASOLINE MOD 8015	DIESEL - MOD 8015	OIL - MOD 8015	FIELD NOTES
C-151 1.5		7/20/22	1126	S	1				X		X		X	X	X	
C-152 1.5			1127													
C-153 1.5			1124													
C-154 1.5			1129													
C-155 1.5			1130													
C-156 1.5			1131													
C-157 1.5			1132													
C-158 1.5			1133													
C-159 1.5			1134													
C-160 1.5			1135													
C-161 1.5			1136													
C-162 1.5			1137													
C-163 1.5			1138													
C-164 0-2.5			1139													
C-165 0-2.5			1140													
TOTAL 15																

RELINQUISHED BY (Signature) DSG DATE/TIME 7/21/22 11:12 RECEIVED BY (Signature) Client

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 THERM#
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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17204

No. 2653

CHAIN-OF-CUSTODY

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

Data Reported to

DATE: 7/21/22 PAGE 1 2 OF 16

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG/TH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT/NM

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH ☐ | ICE | UNPRESERVED

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

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESERVED	ANALYSES	FIELD NOTES
C-166 0-2.5'		7/20/22	1141	S	1				X		X X X X X	
C-167 0-2.5'			1142									
C-168 0-2.5'			1143									
C-169 0-2.5'			1144									
C-170 0-1.5'			1145									
C-171 0-1.5'			1146									
C-172 0-1.5'			1147									
C-173 0-1.5			1148									
C-174 4			1217									
C-175 4			1218									
C-176 4'			1219									
C-177 4'			1219									
C-178 4'			1220									
C-179 4'			1221									
C-180 4'			1221									
TOTAL 15												

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
DSG	7/21/22 11:12	
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 ____ THERM# ____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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8/3/2022

17204

No. 2654

CHAIN-OF-CUSTODY

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

Data Reported to

DATE 7/21/2022 PAGE 13 OF 16

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG / JH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT / 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 ☐ | 8082 PCBS ☐ | 8151 HERBICIDES ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 NaOH	ICE	UNPRESSERVED	BTEX	TRPH	GRO	DRO	ORO	FIELD NOTES
C-181 4'		7/20/22	1222	S	1				X		X		X	X	X	
C-182 4'			1223													
C-183 4'			1224													
C-184 4'			1225													
C-185 4'			1226													
C-186 4'			1227													
C-187 4'			1228													
C-188 4'			1229													
C-189 4'			1230													
C-190 4'			1231													
C-191 4'			1232													
C-192 4'			1233													
C-193 4'			1234													
C-194 4'			1235													
C-195 4'			1236													

TOTAL 15

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
DSG	7/21/22 11:12	
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 ____ THERM# ____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # ____
☐ HAND DELIVERED

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17204

No. 2655

CHAIN-OF-CUSTODY

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

Data Reported to

DATE: 7/21/2022 PAGE 14 OF 16

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR DSG/RH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State
MNT ~~MST~~ NM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESERVED	ANALYSES	FIELD NOTES
C-196		7/20/22	1236	S	1				X		X	
C-197			1237									
C-198			1238									
C-199			1239									
C-200			1240									
C-201			1241									
C-202			1242									
C-203			1243									
C-204			1244									
C-205			1245									
C-206			1247									
C-207			1248									
C-208			1249									
C-209			1250									
C-210			1251									

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 ☐

TOTAL 15

RELINQUISHED BY (Signature)	DATE/TIME 7/21/22 11:12	RECEIVED BY (Signature)
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RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)

LABORATORY Xenco

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

LABORATORY USE ONLY:
RECEIVING TEMP ____ THERM# ____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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8/3/2022

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17204 No. 2656

CHAIN-OF-CUSTODY

8/3/2022

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

Data Reported to

DATE: 7/21/2022 PAGE 15 OF 16

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME TURKEY TRACT

LAI PROJECT # 22-0104-02 COLLECTOR: DSG/JH

TRRP report? ☐ Yes ☒ No

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

TIME ZONE
Time zone/State: MNT/NM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-211 4'		7/20/22	1252	S	1				X		X			X	X	X														X	
C-212 4'			1253																												
C-213 4'			1254																												
C-214 4'			1255																												
C-215 4'			1256																												
C-216 4'			1257																												
C-217 4'			1258																												
C-218 4'			1259																												
C-219 4'			1300																												
C-220 4'			1301																												
C-221 0-4'			1302																												
C-222 0-4'			1303																												
C-223 0-4'			1304																												
C-224 0-4'			1305																												
C-225 0-4'			1306																												
TOTAL 15																															

RELINQUISHED BY (Signature) DSG DATE/TIME 7/21/22 1112 RECEIVED BY (Signature) LAI

RELINQUISHED BY (Signature) DATE/TIME RECEIVED BY (Signature)

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LABORATORY Xenco

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

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

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17204

No. 2657

CHAIN-OF-CUSTODY

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

Data Reported to

DATE: 7/21/2022 PAGE 16 OF 16

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

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: 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 ☐	TOTAL METALS (RCRA) ☐	Semi-VOC ☐	LEAD - TOTAL ☐	D W 200.8 ☐	OTHER LIST ☐	RCI ☐	TOX ☐	TCLP ☐	TDS ☐	TSS ☐	FLASHPOINT ☐	pH ☐	% MOISTURE ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDES ☐	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-226 0-4		7/20/22	1307	S	1				X		X		X	X	X																															
C-227 0-4		"	1308	"	"				"		"		"	"	"																															
C-228 0-4		"	1309	"	"				"		"		"	"	"																															
C-229 0-4		"	1310	"	"				"		"		"	"	"																															
C-230 0-4		"	1311	"	"				"		"		"	"	"																															
TOTAL 5																																													

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[signature]	7/21/22 11:12	[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 _____ THERM# _____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

8/3/2022

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Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-17204-1
SDG Number: 22-104-02

Login Number: 17204
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 Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3016-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Tract - Backfill

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

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
10/3/2022 7:58:16 AM

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

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

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

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

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Laboratory Job ID: 890-3016-1
SDG: 22-0104-02

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QC Sample Results 21
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Method Summary 36
Sample Summary 37
Chain of Custody 38
Receipt Checklists 40

Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3016-1
Project/Site: Turkey Tract - Backfill SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
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: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Job ID: 890-3016-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3016-1

Receipt
The samples were received on 9/20/2022 4:03 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 4.0°C

GC VOA
Method 8021B: Surrogate recovery for the following samples were outside control limits: BF-2 (890-3016-2), BF-3 (890-3016-3), BF-4 (890-3016-4), BF-5 (890-3016-5), BF-6 (890-3016-6), BF-7 (890-3016-7), BF-8 (890-3016-8), BF-9 (890-3016-9), BF-10 (890-3016-10), BF-12 (890-3016-12), BF-13 (890-3016-13), BF-14 (890-3016-14), BF-15 (890-3016-15), BF-16 (890-3016-16) and BF-18 (890-3016-18). 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.

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-35173 and analytical batch 880-35220 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: (890-3016-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

HPLC/IC
Method 300_ORGFM_28D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-35174 and analytical batch 880-35307 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: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-1

Date Collected: 09/20/22 11:30
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-1
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		09/29/22 11:56	10/02/22 22:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/02/22 22:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/02/22 22:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/29/22 11:56	10/02/22 22:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/02/22 22:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/29/22 11:56	10/02/22 22:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*09/29/22 11:56*	*10/02/22 22:40*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*09/29/22 11:56*	*10/02/22 22:40*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 11:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 11:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*09/22/22 11:35*	*09/23/22 11:59*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*09/22/22 11:35*	*09/23/22 11:59*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.8**		4.97		mg/Kg			09/23/22 19:41	1

Client Sample ID: BF-2

Date Collected: 09/20/22 11:32
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-2
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		09/29/22 11:56	10/02/22 23:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/02/22 23:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/02/22 23:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/29/22 11:56	10/02/22 23:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/02/22 23:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/29/22 11:56	10/02/22 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/02/22 23:01*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*09/29/22 11:56*	*10/02/22 23:01*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-2

Date Collected: 09/20/22 11:32
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-2
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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 13:04	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 13:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 13:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*09/22/22 11:35*	*09/23/22 13:04*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*09/22/22 11:35*	*09/23/22 13:04*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**19.4**		4.96		mg/Kg			09/23/22 19:57	1

Client Sample ID: BF-3

Date Collected: 09/20/22 11:33
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-3
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		09/29/22 11:56	10/02/22 23:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/02/22 23:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/02/22 23:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/02/22 23:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/02/22 23:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/02/22 23:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/02/22 23:21*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*09/29/22 11:56*	*10/02/22 23:21*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 13:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 13:25	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-3

Date Collected: 09/20/22 11:33
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 13:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*09/22/22 11:35*	*09/23/22 13:25*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*09/22/22 11:35*	*09/23/22 13:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.1**		4.98		mg/Kg			09/23/22 20:03	1

Client Sample ID: BF-4

Date Collected: 09/20/22 11:35
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-4
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		09/29/22 11:56	10/02/22 23:42	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/02/22 23:42	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/02/22 23:42	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/02/22 23:42	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/02/22 23:42	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/02/22 23:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/02/22 23:42*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*09/29/22 11:56*	*10/02/22 23:42*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 13:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 13:47	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 13:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*09/22/22 11:35*	*09/23/22 13:47*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*09/22/22 11:35*	*09/23/22 13:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.98**		5.01		mg/Kg			09/23/22 20:08	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-5

Date Collected: 09/20/22 11:45
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-5
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		09/29/22 11:56	10/03/22 00:03	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 00:03	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 00:03	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/29/22 11:56	10/03/22 00:03	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 00:03	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/29/22 11:56	10/03/22 00:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*142*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/03/22 00:03*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*09/29/22 11:56*	*10/03/22 00:03*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 14:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 14:08	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 14:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*09/22/22 11:35*	*09/23/22 14:08*	*1*
o-Terphenyl (Surr)	*89*		*70 - 130*	*09/22/22 11:35*	*09/23/22 14:08*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**7.96**		5.03		mg/Kg			09/23/22 20:13	1

Client Sample ID: BF-6

Date Collected: 09/20/22 11:46
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-6
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		09/29/22 11:56	10/03/22 00:23	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/03/22 00:23	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/03/22 00:23	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/29/22 11:56	10/03/22 00:23	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/03/22 00:23	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/29/22 11:56	10/03/22 00:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/03/22 00:23*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*09/29/22 11:56*	*10/03/22 00:23*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-6

Date Collected: 09/20/22 11:46
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-6
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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 14:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 14:30	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 14:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*09/22/22 11:35*	*09/23/22 14:30*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*09/22/22 11:35*	*09/23/22 14:30*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.9**		5.02		mg/Kg			09/24/22 19:22	1

Client Sample ID: BF-7

Date Collected: 09/20/22 11:47
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-7
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		09/29/22 11:56	10/03/22 00:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 00:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 00:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 00:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 00:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 00:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*79*		*70 - 130*	*09/29/22 11:56*	*10/03/22 00:44*	*1*
1,4-Difluorobenzene (Surr)	*66*	*S1-*	*70 - 130*	*09/29/22 11:56*	*10/03/22 00:44*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 14:51	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 14:51	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-7

Date Collected: 09/20/22 11:47
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-7

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*09/22/22 11:35*	*09/23/22 14:51*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*09/22/22 11:35*	*09/23/22 14:51*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**11.3**		5.00		mg/Kg			09/24/22 19:28	1

Client Sample ID: BF-8

Date Collected: 09/20/22 11:48
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-8

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		09/29/22 11:56	10/03/22 01:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 01:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 01:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 01:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 01:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 01:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/03/22 01:04*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*09/29/22 11:56*	*10/03/22 01:04*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 15:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 15:13	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 15:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*82*		*70 - 130*	*09/22/22 11:35*	*09/23/22 15:13*	*1*
o-Terphenyl (Surr)	*84*		*70 - 130*	*09/22/22 11:35*	*09/23/22 15:13*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.3**		5.00		mg/Kg			09/24/22 19:33	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-9

Date Collected: 09/20/22 11:49
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-9
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		09/29/22 11:56	10/03/22 01:25	1
Toluene	**0.00378**		0.00201		mg/Kg		09/29/22 11:56	10/03/22 01:25	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/03/22 01:25	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/29/22 11:56	10/03/22 01:25	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/03/22 01:25	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/29/22 11:56	10/03/22 01:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*09/29/22 11:56*	*10/03/22 01:25*	*1*
1,4-Difluorobenzene (Surr)	*64*	*S1-*	*70 - 130*	*09/29/22 11:56*	*10/03/22 01:25*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 15:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 15:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 15:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*09/22/22 11:35*	*09/23/22 15:34*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*09/22/22 11:35*	*09/23/22 15:34*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.5**		4.99		mg/Kg			09/24/22 19:39	1

Client Sample ID: BF-10

Date Collected: 09/20/22 11:50
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-10
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		09/29/22 11:56	10/03/22 01:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 01:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 01:46	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/29/22 11:56	10/03/22 01:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 01:46	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/29/22 11:56	10/03/22 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/03/22 01:46*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*09/29/22 11:56*	*10/03/22 01:46*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-10

Date Collected: 09/20/22 11:50
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-10
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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 15:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 15:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 15:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*09/22/22 11:35*	*09/23/22 15:56*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*09/22/22 11:35*	*09/23/22 15:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.0**		4.97		mg/Kg			09/24/22 19:44	1

Client Sample ID: BF-11

Date Collected: 09/20/22 11:51
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-11
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		09/29/22 11:56	10/03/22 03:08	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 03:08	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 03:08	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 03:08	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 03:08	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 03:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/29/22 11:56*	*10/03/22 03:08*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*09/29/22 11:56*	*10/03/22 03:08*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 16:39	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 16:39	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-11

Date Collected: 09/20/22 11:51
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-11
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*09/22/22 11:35*	*09/23/22 16:39*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*09/22/22 11:35*	*09/23/22 16:39*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**15.4**	**F1**	4.96		mg/Kg			09/24/22 19:49	1

Client Sample ID: BF-12

Date Collected: 09/20/22 11:52
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-12
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		09/29/22 11:56	10/03/22 03:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 03:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 03:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		09/29/22 11:56	10/03/22 03:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 03:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/29/22 11:56	10/03/22 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/03/22 03:29*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*09/29/22 11:56*	*10/03/22 03:29*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 17:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 17:01	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 17:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*09/22/22 11:35*	*09/23/22 17:01*	*1*
o-Terphenyl (Surr)	*130*		*70 - 130*	*09/22/22 11:35*	*09/23/22 17:01*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.5**		5.03		mg/Kg			09/24/22 20:06	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-13

Date Collected: 09/20/22 11:53
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-13
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		09/29/22 11:56	10/03/22 03:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 03:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 03:50	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/29/22 11:56	10/03/22 03:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 03:50	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/29/22 11:56	10/03/22 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/03/22 03:50*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*09/29/22 11:56*	*10/03/22 03:50*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/22/22 11:35	09/23/22 17:22	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/22/22 11:35	09/23/22 17:22	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/22/22 11:35	09/23/22 17:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*09/22/22 11:35*	*09/23/22 17:22*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*09/22/22 11:35*	*09/23/22 17:22*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.8**		5.01		mg/Kg			09/24/22 20:11	1

Client Sample ID: BF-14

Date Collected: 09/20/22 11:54
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-14
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		09/29/22 11:56	10/03/22 04:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 04:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 04:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 04:10	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 04:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/03/22 04:10*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*09/29/22 11:56*	*10/03/22 04:10*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-14

Date Collected: 09/20/22 11:54
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-14
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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 17:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 17:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 17:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*09/22/22 11:35*	*09/23/22 17:44*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*09/22/22 11:35*	*09/23/22 17:44*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**8.74**		5.01		mg/Kg			09/24/22 20:27	1

Client Sample ID: BF-15

Date Collected: 09/20/22 11:55
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-15
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		09/29/22 11:56	10/03/22 04:31	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 04:31	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 04:31	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 04:31	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 04:31	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/03/22 04:31*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*09/29/22 11:56*	*10/03/22 04:31*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/22/22 11:35	09/23/22 18:05	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/22/22 11:35	09/23/22 18:05	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 890-3016-1
Project/Site: Turkey Tract - Backfill SDG: 22-0104-02

Client Sample ID: BF-15 Lab Sample ID: 890-3016-15

Date Collected: 09/20/22 11:55 **Matrix: Solid**
Date Received: 09/20/22 16:03

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
OII Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/22/22 11:35	09/23/22 18:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*09/22/22 11:35*	*09/23/22 18:05*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*09/22/22 11:35*	*09/23/22 18:05*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.5**		4.98		mg/Kg			09/24/22 20:33	1

Client Sample ID: BF-16 Lab Sample ID: 890-3016-16

Date Collected: 09/20/22 11:56 **Matrix: Solid**
Date Received: 09/20/22 16:03

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/03/22 04:51	1
Toluene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/03/22 04:51	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/03/22 04:51	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		09/29/22 11:56	10/03/22 04:51	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/29/22 11:56	10/03/22 04:51	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/29/22 11:56	10/03/22 04:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/03/22 04:51*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*09/29/22 11:56*	*10/03/22 04:51*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 18:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 18:27	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*09/22/22 11:35*	*09/23/22 18:27*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*09/22/22 11:35*	*09/23/22 18:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**12.3**		5.02		mg/Kg			09/24/22 20:38	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-17

Date Collected: 09/20/22 11:57
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-17
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		09/29/22 11:56	10/03/22 05:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 05:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 05:12	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		09/29/22 11:56	10/03/22 05:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/03/22 05:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/29/22 11:56	10/03/22 05:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*09/29/22 11:56*	*10/03/22 05:12*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*09/29/22 11:56*	*10/03/22 05:12*	*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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 18:48	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 18:48	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*09/22/22 11:35*	*09/23/22 18:48*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*09/22/22 11:35*	*09/23/22 18:48*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.4**		5.04		mg/Kg			09/24/22 20:43	1

Client Sample ID: BF-18

Date Collected: 09/20/22 11:58
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-18
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		09/29/22 11:56	10/03/22 05:33	1
Toluene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 05:33	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 05:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 05:33	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/29/22 11:56	10/03/22 05:33	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/29/22 11:56	10/03/22 05:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*09/29/22 11:56*	*10/03/22 05:33*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*09/29/22 11:56*	*10/03/22 05:33*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-18

Date Collected: 09/20/22 11:58
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-18

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			10/03/22 08:37	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			09/26/22 13:20	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 19:10	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 19:10	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/22/22 11:35	09/23/22 19:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*09/22/22 11:35*	*09/23/22 19:10*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*09/22/22 11:35*	*09/23/22 19:10*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.8**		4.96		mg/Kg			09/24/22 20:49	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

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)
890-3016-1	BF-1	121	92
890-3016-1 MS	BF-1	98	96
890-3016-1 MSD	BF-1	105	103
890-3016-2	BF-2	136 S1+	107
890-3016-3	BF-3	136 S1+	110
890-3016-4	BF-4	131 S1+	107
890-3016-5	BF-5	142 S1+	107
890-3016-6	BF-6	133 S1+	103
890-3016-7	BF-7	79	66 S1-
890-3016-8	BF-8	136 S1+	107
890-3016-9	BF-9	96	64 S1-
890-3016-10	BF-10	131 S1+	105
890-3016-11	BF-11	125	108
890-3016-12	BF-12	136 S1+	101
890-3016-13	BF-13	135 S1+	108
890-3016-14	BF-14	143 S1+	105
890-3016-15	BF-15	138 S1+	108
890-3016-16	BF-16	136 S1+	94
890-3016-17	BF-17	130	107
890-3016-18	BF-18	133 S1+	106
LCS 880-35692/1-A	Lab Control Sample	104	104
LCSD 880-35692/2-A	Lab Control Sample Dup	104	103
MB 880-35692/5-A	Method Blank	99	83

Surrogate Legend

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

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-3016-1	BF-1	95	102
890-3016-1 MS	BF-1	81	73
890-3016-1 MSD	BF-1	76	67 S1-
890-3016-2	BF-2	90	92
890-3016-3	BF-3	87	89
890-3016-4	BF-4	112	124
890-3016-5	BF-5	88	89
890-3016-6	BF-6	96	108
890-3016-7	BF-7	118	130
890-3016-8	BF-8	82	84
890-3016-9	BF-9	83	86
890-3016-10	BF-10	99	109
890-3016-11	BF-11	84	86
890-3016-12	BF-12	119	130
890-3016-13	BF-13	106	115
890-3016-14	BF-14	103	107

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 890-3016-1
Project/Site: Turkey Tract - Backfill SDG: 22-0104-02

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)								
890-3016-15	BF-15	84	86								
890-3016-16	BF-16	101	109								
890-3016-17	BF-17	98	106								
890-3016-18	BF-18	95	95								
LCS 880-35173/2-A	Lab Control Sample	114	118								
LCSD 880-35173/3-A	Lab Control Sample Dup	103	109								
MB 880-35173/1-A	Method Blank	132 S1+	148 S1+								

Surrogate Legend

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

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-35692/5-A
Matrix: Solid
Analysis Batch: 35890

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35692

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/02/22 22:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/02/22 22:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/02/22 22:18	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/29/22 11:56	10/02/22 22:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:56	10/02/22 22:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/29/22 11:56	10/02/22 22:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/29/22 11:56*	*10/02/22 22:18*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*09/29/22 11:56*	*10/02/22 22:18*	*1*

Lab Sample ID: LCS 880-35692/1-A
Matrix: Solid
Analysis Batch: 35890

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35692

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1075		mg/Kg		108	70 - 130		
Toluene			0.100	0.1105		mg/Kg		110	70 - 130		
Ethylbenzene			0.100	0.1054		mg/Kg		105	70 - 130		
m-Xylene & p-Xylene			0.200	0.2265		mg/Kg		113	70 - 130		
o-Xylene			0.100	0.1170		mg/Kg		117	70 - 130		

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

Lab Sample ID: LCSD 880-35692/2-A
Matrix: Solid
Analysis Batch: 35890

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35692

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1069		mg/Kg		107	70 - 130	1	35
Toluene			0.100	0.1110		mg/Kg		111	70 - 130	0	35
Ethylbenzene			0.100	0.1060		mg/Kg		106	70 - 130	1	35
m-Xylene & p-Xylene			0.200	0.2267		mg/Kg		113	70 - 130	0	35
o-Xylene			0.100	0.1158		mg/Kg		116	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 890-3016-1 MS
Matrix: Solid
Analysis Batch: 35890

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 35692

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.09210		mg/Kg		92	70 - 130		
Toluene	<0.00201	U	0.100	0.09829		mg/Kg		97	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

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

Lab Sample ID: 890-3016-1 MS
Matrix: Solid
Analysis Batch: 35890

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 35692

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.09342		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.2014		mg/Kg		100	70 - 130
o-Xylene	<0.00201	U	0.100	0.1018		mg/Kg		101	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-3016-1 MSD
Matrix: Solid
Analysis Batch: 35890

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 35692

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.08324		mg/Kg		84	70 - 130	10	35
Toluene	<0.00201	U	0.0990	0.08836		mg/Kg		89	70 - 130	11	35
Ethylbenzene	<0.00201	U	0.0990	0.08495		mg/Kg		86	70 - 130	9	35
m-Xylene & p-Xylene	<0.00402	U	0.198	0.1834		mg/Kg		93	70 - 130	9	35
o-Xylene	<0.00201	U	0.0990	0.09455		mg/Kg		95	70 - 130	7	35

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

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

Lab Sample ID: MB 880-35173/1-A
Matrix: Solid
Analysis Batch: 35220

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35173

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		09/22/22 11:35	09/23/22 10:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 10:55	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/22/22 11:35	09/23/22 10:55	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*132*	*S1+*	*70 - 130*	*09/22/22 11:35*	*09/23/22 10:55*	*1*
o-Terphenyl (Surr)	*148*	*S1+*	*70 - 130*	*09/22/22 11:35*	*09/23/22 10:55*	*1*

Lab Sample ID: LCS 880-35173/2-A
Matrix: Solid
Analysis Batch: 35220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35173

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1137		mg/Kg		114	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1018		mg/Kg		102	70 - 130

Eurofins Carlsbad

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

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

Lab Sample ID: LCS 880-35173/2-A
Matrix: Solid
Analysis Batch: 35220

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35173

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	118		70 - 130

Lab Sample ID: LCSD 880-35173/3-A
Matrix: Solid
Analysis Batch: 35220

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35173

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	956.1		mg/Kg		96	70 - 130	17	20
Diesel Range Organics (Over C10-C28)			1000	922.2		mg/Kg		92	70 - 130	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	103		70 - 130
o-Terphenyl (Surr)	109		70 - 130

Lab Sample ID: 890-3016-1 MS
Matrix: Solid
Analysis Batch: 35220

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 35173

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	1077		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	896.9		mg/Kg		90	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	81		70 - 130
o-Terphenyl (Surr)	73		70 - 130

Lab Sample ID: 890-3016-1 MSD
Matrix: Solid
Analysis Batch: 35220

Client Sample ID: BF-1
Prep Type: Total/NA
Prep Batch: 35173

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	959.8		mg/Kg		94	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	839.3		mg/Kg		84	70 - 130	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	76		70 - 130
o-Terphenyl (Surr)	67	S1-	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-35174/1-A
Matrix: Solid
Analysis Batch: 35307

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			09/23/22 19:25	1

Lab Sample ID: LCS 880-35174/2-A
Matrix: Solid
Analysis Batch: 35307

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	248.7		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-35174/3-A
Matrix: Solid
Analysis Batch: 35307

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	239.0		mg/Kg		96	90 - 110	4	20

Lab Sample ID: 890-3016-1 MS
Matrix: Solid
Analysis Batch: 35307

Client Sample ID: BF-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	20.8		249	266.5		mg/Kg		99	90 - 110		

Lab Sample ID: 890-3016-1 MSD
Matrix: Solid
Analysis Batch: 35307

Client Sample ID: BF-1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	20.8		249	283.2		mg/Kg		106	90 - 110	6	20

Lab Sample ID: 890-3016-11 MS
Matrix: Solid
Analysis Batch: 35307

Client Sample ID: BF-11
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	15.4	F1	248	291.8	F1	mg/Kg		111	90 - 110		

Lab Sample ID: 890-3016-11 MSD
Matrix: Solid
Analysis Batch: 35307

Client Sample ID: BF-11
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	15.4	F1	248	281.1		mg/Kg		107	90 - 110	4	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

GC VOA

Prep Batch: 35692

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3016-1	BF-1	Total/NA	Solid	5035	
890-3016-2	BF-2	Total/NA	Solid	5035	
890-3016-3	BF-3	Total/NA	Solid	5035	
890-3016-4	BF-4	Total/NA	Solid	5035	
890-3016-5	BF-5	Total/NA	Solid	5035	
890-3016-6	BF-6	Total/NA	Solid	5035	
890-3016-7	BF-7	Total/NA	Solid	5035	
890-3016-8	BF-8	Total/NA	Solid	5035	
890-3016-9	BF-9	Total/NA	Solid	5035	
890-3016-10	BF-10	Total/NA	Solid	5035	
890-3016-11	BF-11	Total/NA	Solid	5035	
890-3016-12	BF-12	Total/NA	Solid	5035	
890-3016-13	BF-13	Total/NA	Solid	5035	
890-3016-14	BF-14	Total/NA	Solid	5035	
890-3016-15	BF-15	Total/NA	Solid	5035	
890-3016-16	BF-16	Total/NA	Solid	5035	
890-3016-17	BF-17	Total/NA	Solid	5035	
890-3016-18	BF-18	Total/NA	Solid	5035	
MB 880-35692/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35692/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35692/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3016-1 MS	BF-1	Total/NA	Solid	5035	
890-3016-1 MSD	BF-1	Total/NA	Solid	5035	

Analysis Batch: 35890

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3016-1	BF-1	Total/NA	Solid	8021B	35692
890-3016-2	BF-2	Total/NA	Solid	8021B	35692
890-3016-3	BF-3	Total/NA	Solid	8021B	35692
890-3016-4	BF-4	Total/NA	Solid	8021B	35692
890-3016-5	BF-5	Total/NA	Solid	8021B	35692
890-3016-6	BF-6	Total/NA	Solid	8021B	35692
890-3016-7	BF-7	Total/NA	Solid	8021B	35692
890-3016-8	BF-8	Total/NA	Solid	8021B	35692
890-3016-9	BF-9	Total/NA	Solid	8021B	35692
890-3016-10	BF-10	Total/NA	Solid	8021B	35692
890-3016-11	BF-11	Total/NA	Solid	8021B	35692
890-3016-12	BF-12	Total/NA	Solid	8021B	35692
890-3016-13	BF-13	Total/NA	Solid	8021B	35692
890-3016-14	BF-14	Total/NA	Solid	8021B	35692
890-3016-15	BF-15	Total/NA	Solid	8021B	35692
890-3016-16	BF-16	Total/NA	Solid	8021B	35692
890-3016-17	BF-17	Total/NA	Solid	8021B	35692
890-3016-18	BF-18	Total/NA	Solid	8021B	35692
MB 880-35692/5-A	Method Blank	Total/NA	Solid	8021B	35692
LCS 880-35692/1-A	Lab Control Sample	Total/NA	Solid	8021B	35692
LCSD 880-35692/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35692
890-3016-1 MS	BF-1	Total/NA	Solid	8021B	35692
890-3016-1 MSD	BF-1	Total/NA	Solid	8021B	35692

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

GC VOA

Analysis Batch: 35917

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3016-1	BF-1	Total/NA	Solid	Total BTEX	
890-3016-2	BF-2	Total/NA	Solid	Total BTEX	
890-3016-3	BF-3	Total/NA	Solid	Total BTEX	
890-3016-4	BF-4	Total/NA	Solid	Total BTEX	
890-3016-5	BF-5	Total/NA	Solid	Total BTEX	
890-3016-6	BF-6	Total/NA	Solid	Total BTEX	
890-3016-7	BF-7	Total/NA	Solid	Total BTEX	
890-3016-8	BF-8	Total/NA	Solid	Total BTEX	
890-3016-9	BF-9	Total/NA	Solid	Total BTEX	
890-3016-10	BF-10	Total/NA	Solid	Total BTEX	
890-3016-11	BF-11	Total/NA	Solid	Total BTEX	
890-3016-12	BF-12	Total/NA	Solid	Total BTEX	
890-3016-13	BF-13	Total/NA	Solid	Total BTEX	
890-3016-14	BF-14	Total/NA	Solid	Total BTEX	
890-3016-15	BF-15	Total/NA	Solid	Total BTEX	
890-3016-16	BF-16	Total/NA	Solid	Total BTEX	
890-3016-17	BF-17	Total/NA	Solid	Total BTEX	
890-3016-18	BF-18	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 35173

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3016-1	BF-1	Total/NA	Solid	8015NM Prep	
890-3016-2	BF-2	Total/NA	Solid	8015NM Prep	
890-3016-3	BF-3	Total/NA	Solid	8015NM Prep	
890-3016-4	BF-4	Total/NA	Solid	8015NM Prep	
890-3016-5	BF-5	Total/NA	Solid	8015NM Prep	
890-3016-6	BF-6	Total/NA	Solid	8015NM Prep	
890-3016-7	BF-7	Total/NA	Solid	8015NM Prep	
890-3016-8	BF-8	Total/NA	Solid	8015NM Prep	
890-3016-9	BF-9	Total/NA	Solid	8015NM Prep	
890-3016-10	BF-10	Total/NA	Solid	8015NM Prep	
890-3016-11	BF-11	Total/NA	Solid	8015NM Prep	
890-3016-12	BF-12	Total/NA	Solid	8015NM Prep	
890-3016-13	BF-13	Total/NA	Solid	8015NM Prep	
890-3016-14	BF-14	Total/NA	Solid	8015NM Prep	
890-3016-15	BF-15	Total/NA	Solid	8015NM Prep	
890-3016-16	BF-16	Total/NA	Solid	8015NM Prep	
890-3016-17	BF-17	Total/NA	Solid	8015NM Prep	
890-3016-18	BF-18	Total/NA	Solid	8015NM Prep	
MB 880-35173/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35173/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35173/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3016-1 MS	BF-1	Total/NA	Solid	8015NM Prep	
890-3016-1 MSD	BF-1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35220

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3016-1	BF-1	Total/NA	Solid	8015B NM	35173
890-3016-2	BF-2	Total/NA	Solid	8015B NM	35173

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 35220 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3016-3	BF-3	Total/NA	Solid	8015B NM	35173
890-3016-4	BF-4	Total/NA	Solid	8015B NM	35173
890-3016-5	BF-5	Total/NA	Solid	8015B NM	35173
890-3016-6	BF-6	Total/NA	Solid	8015B NM	35173
890-3016-7	BF-7	Total/NA	Solid	8015B NM	35173
890-3016-8	BF-8	Total/NA	Solid	8015B NM	35173
890-3016-9	BF-9	Total/NA	Solid	8015B NM	35173
890-3016-10	BF-10	Total/NA	Solid	8015B NM	35173
890-3016-11	BF-11	Total/NA	Solid	8015B NM	35173
890-3016-12	BF-12	Total/NA	Solid	8015B NM	35173
890-3016-13	BF-13	Total/NA	Solid	8015B NM	35173
890-3016-14	BF-14	Total/NA	Solid	8015B NM	35173
890-3016-15	BF-15	Total/NA	Solid	8015B NM	35173
890-3016-16	BF-16	Total/NA	Solid	8015B NM	35173
890-3016-17	BF-17	Total/NA	Solid	8015B NM	35173
890-3016-18	BF-18	Total/NA	Solid	8015B NM	35173
MB 880-35173/1-A	Method Blank	Total/NA	Solid	8015B NM	35173
LCS 880-35173/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35173
LCSD 880-35173/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35173
890-3016-1 MS	BF-1	Total/NA	Solid	8015B NM	35173
890-3016-1 MSD	BF-1	Total/NA	Solid	8015B NM	35173

Analysis Batch: 35409

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3016-1	BF-1	Total/NA	Solid	8015 NM	
890-3016-2	BF-2	Total/NA	Solid	8015 NM	
890-3016-3	BF-3	Total/NA	Solid	8015 NM	
890-3016-4	BF-4	Total/NA	Solid	8015 NM	
890-3016-5	BF-5	Total/NA	Solid	8015 NM	
890-3016-6	BF-6	Total/NA	Solid	8015 NM	
890-3016-7	BF-7	Total/NA	Solid	8015 NM	
890-3016-8	BF-8	Total/NA	Solid	8015 NM	
890-3016-9	BF-9	Total/NA	Solid	8015 NM	
890-3016-10	BF-10	Total/NA	Solid	8015 NM	
890-3016-11	BF-11	Total/NA	Solid	8015 NM	
890-3016-12	BF-12	Total/NA	Solid	8015 NM	
890-3016-13	BF-13	Total/NA	Solid	8015 NM	
890-3016-14	BF-14	Total/NA	Solid	8015 NM	
890-3016-15	BF-15	Total/NA	Solid	8015 NM	
890-3016-16	BF-16	Total/NA	Solid	8015 NM	
890-3016-17	BF-17	Total/NA	Solid	8015 NM	
890-3016-18	BF-18	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 35174

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3016-1	BF-1	Soluble	Solid	DI Leach	
890-3016-2	BF-2	Soluble	Solid	DI Leach	
890-3016-3	BF-3	Soluble	Solid	DI Leach	
890-3016-4	BF-4	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 35174 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3016-5	BF-5	Soluble	Solid	DI Leach	
890-3016-6	BF-6	Soluble	Solid	DI Leach	
890-3016-7	BF-7	Soluble	Solid	DI Leach	
890-3016-8	BF-8	Soluble	Solid	DI Leach	
890-3016-9	BF-9	Soluble	Solid	DI Leach	
890-3016-10	BF-10	Soluble	Solid	DI Leach	
890-3016-11	BF-11	Soluble	Solid	DI Leach	
890-3016-12	BF-12	Soluble	Solid	DI Leach	
890-3016-13	BF-13	Soluble	Solid	DI Leach	
890-3016-14	BF-14	Soluble	Solid	DI Leach	
890-3016-15	BF-15	Soluble	Solid	DI Leach	
890-3016-16	BF-16	Soluble	Solid	DI Leach	
890-3016-17	BF-17	Soluble	Solid	DI Leach	
890-3016-18	BF-18	Soluble	Solid	DI Leach	
MB 880-35174/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35174/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35174/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3016-1 MS	BF-1	Soluble	Solid	DI Leach	
890-3016-1 MSD	BF-1	Soluble	Solid	DI Leach	
890-3016-11 MS	BF-11	Soluble	Solid	DI Leach	
890-3016-11 MSD	BF-11	Soluble	Solid	DI Leach	

Analysis Batch: 35307

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3016-1	BF-1	Soluble	Solid	300.0	35174
890-3016-2	BF-2	Soluble	Solid	300.0	35174
890-3016-3	BF-3	Soluble	Solid	300.0	35174
890-3016-4	BF-4	Soluble	Solid	300.0	35174
890-3016-5	BF-5	Soluble	Solid	300.0	35174
890-3016-6	BF-6	Soluble	Solid	300.0	35174
890-3016-7	BF-7	Soluble	Solid	300.0	35174
890-3016-8	BF-8	Soluble	Solid	300.0	35174
890-3016-9	BF-9	Soluble	Solid	300.0	35174
890-3016-10	BF-10	Soluble	Solid	300.0	35174
890-3016-11	BF-11	Soluble	Solid	300.0	35174
890-3016-12	BF-12	Soluble	Solid	300.0	35174
890-3016-13	BF-13	Soluble	Solid	300.0	35174
890-3016-14	BF-14	Soluble	Solid	300.0	35174
890-3016-15	BF-15	Soluble	Solid	300.0	35174
890-3016-16	BF-16	Soluble	Solid	300.0	35174
890-3016-17	BF-17	Soluble	Solid	300.0	35174
890-3016-18	BF-18	Soluble	Solid	300.0	35174
MB 880-35174/1-A	Method Blank	Soluble	Solid	300.0	35174
LCS 880-35174/2-A	Lab Control Sample	Soluble	Solid	300.0	35174
LCSD 880-35174/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35174
890-3016-1 MS	BF-1	Soluble	Solid	300.0	35174
890-3016-1 MSD	BF-1	Soluble	Solid	300.0	35174
890-3016-11 MS	BF-11	Soluble	Solid	300.0	35174
890-3016-11 MSD	BF-11	Soluble	Solid	300.0	35174

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-1

Date Collected: 09/20/22 11:30
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-1

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			4.97 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/02/22 22:40	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 11:59	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/23/22 19:41	CH	EET MID

Client Sample ID: BF-2

Date Collected: 09/20/22 11:32
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/02/22 23:01	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 13:04	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/23/22 19:57	CH	EET MID

Client Sample ID: BF-3

Date Collected: 09/20/22 11:33
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/02/22 23:21	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 13:25	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/23/22 20:03	CH	EET MID

Client Sample ID: BF-4

Date Collected: 09/20/22 11:35
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-4

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	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/02/22 23:42	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-4

Date Collected: 09/20/22 11:35
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-4

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			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 13:47	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/23/22 20:08	CH	EET MID

Client Sample ID: BF-5

Date Collected: 09/20/22 11:45
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-5

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			4.99 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 00:03	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 14:08	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/23/22 20:13	CH	EET MID

Client Sample ID: BF-6

Date Collected: 09/20/22 11:46
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-6

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			4.97 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 00:23	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 14:30	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 19:22	CH	EET MID

Client Sample ID: BF-7

Date Collected: 09/20/22 11:47
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-7

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			5.02 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 00:44	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 14:51	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-7

Date Collected: 09/20/22 11:47
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-7

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 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 19:28	CH	EET MID

Client Sample ID: BF-8

Date Collected: 09/20/22 11:48
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 01:04	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 15:13	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 19:33	CH	EET MID

Client Sample ID: BF-9

Date Collected: 09/20/22 11:49
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 01:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 15:34	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 19:39	CH	EET MID

Client Sample ID: BF-10

Date Collected: 09/20/22 11:50
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-10

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	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 01:46	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 15:56	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 19:44	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-11

Date Collected: 09/20/22 11:51
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-11
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			5.02 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 03:08	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 16:39	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 19:49	CH	EET MID

Client Sample ID: BF-12

Date Collected: 09/20/22 11:52
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-12
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			4.99 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 03:29	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 17:01	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 20:06	CH	EET MID

Client Sample ID: BF-13

Date Collected: 09/20/22 11:53
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-13
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			5.01 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 03:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 17:22	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 20:11	CH	EET MID

Client Sample ID: BF-14

Date Collected: 09/20/22 11:54
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-14
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			5.02 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 04:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-14

Date Collected: 09/20/22 11:54
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-14

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			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 17:44	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 20:27	CH	EET MID

Client Sample ID: BF-15

Date Collected: 09/20/22 11:55
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-15

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			5.03 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 04:31	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 18:05	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 20:33	CH	EET MID

Client Sample ID: BF-16

Date Collected: 09/20/22 11:56
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-16

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			4.97 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 04:51	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 18:27	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 20:38	CH	EET MID

Client Sample ID: BF-17

Date Collected: 09/20/22 11:57
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-17

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			5.01 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 05:12	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 18:48	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Client Sample ID: BF-17

Date Collected: 09/20/22 11:57
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-17

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			4.96 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 20:43	CH	EET MID

Client Sample ID: BF-18

Date Collected: 09/20/22 11:58
Date Received: 09/20/22 16:03

Lab Sample ID: 890-3016-18

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			5.02 g	5 mL	35692	09/29/22 11:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35890	10/03/22 05:33	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			35917	10/03/22 08:37	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35409	09/26/22 13:20	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35173	09/22/22 11:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35220	09/23/22 19:10	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35174	09/22/22 11:58	SMC	EET MID
Soluble	Analysis	300.0		1			35307	09/24/22 20:49	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

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. Job ID: 890-3016-1
Project/Site: Turkey Tract - Backfill SDG: 22-0104-02

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

Protocol References:

ASTM = ASTM International

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:

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

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract - Backfill

Job ID: 890-3016-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3016-1	BF-1	Solid	09/20/22 11:30	09/20/22 16:03
890-3016-2	BF-2	Solid	09/20/22 11:32	09/20/22 16:03
890-3016-3	BF-3	Solid	09/20/22 11:33	09/20/22 16:03
890-3016-4	BF-4	Solid	09/20/22 11:35	09/20/22 16:03
890-3016-5	BF-5	Solid	09/20/22 11:45	09/20/22 16:03
890-3016-6	BF-6	Solid	09/20/22 11:46	09/20/22 16:03
890-3016-7	BF-7	Solid	09/20/22 11:47	09/20/22 16:03
890-3016-8	BF-8	Solid	09/20/22 11:48	09/20/22 16:03
890-3016-9	BF-9	Solid	09/20/22 11:49	09/20/22 16:03
890-3016-10	BF-10	Solid	09/20/22 11:50	09/20/22 16:03
890-3016-11	BF-11	Solid	09/20/22 11:51	09/20/22 16:03
890-3016-12	BF-12	Solid	09/20/22 11:52	09/20/22 16:03
890-3016-13	BF-13	Solid	09/20/22 11:53	09/20/22 16:03
890-3016-14	BF-14	Solid	09/20/22 11:54	09/20/22 16:03
890-3016-15	BF-15	Solid	09/20/22 11:55	09/20/22 16:03
890-3016-16	BF-16	Solid	09/20/22 11:56	09/20/22 16:03
890-3016-17	BF-17	Solid	09/20/22 11:57	09/20/22 16:03
890-3016-18	BF-18	Solid	09/20/22 11:58	09/20/22 16:03

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No. 2556

CHAIN-OF-CUSTODY

10/3/2022

Larson & Associates, Inc.
Environmental Consultants

890-3016 Chain of Custody

DATE: 9/20/2022 PAGE 1 OF 2

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: TURKEY TRACT - BACKFILL

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MNT/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	TDS	FLASHPOINT	TSS	% MOISTURE	pH	HEXAVALENT CHROMIUM	CYANIDE	EXPLOSIVES	PECHLORATE	CHLORIDE ☒	ANIONS	ALKALINITY	FIELD NOTES
BF-1		9/20/22	1130	S	1				X		X		X		X	X	X																														
BF-2			1132																																												
BF-3			1133																																												
BF-4			1135																																												
BF-5			1145																																												
BF-6			1146																																												
BF-7			1147																																												
BF-8			1148																																												
BF-9			1149																																												
BF-10			1150																																												
BF-11			1151																																												
BF-12			1152																																												
BF-13			1153																																												
BF-14			1154																																												
BF-15			1155																																												

TOTAL 15

RELINQUISHED BY:(Signature) Daniel Stefanski DATE/TIME 9/20/22 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 9.20.22 1603 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: XENCO

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

LABORATORY USE ONLY:
RECEIVING TEMP: 4.2/4.0 -0.2 THERM#: TNM007
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

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No. 2557

CHAIN-OF-CUSTODY

10/3/2022

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

Data Reported to:

DATE: 9/20/2022 PAGE 2 OF 2

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: TURKEY TRACT - BACKFILL

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MNT / NM

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

PRESERVATION: HCl, HNO_3, H_2SO_4, ☐ NaOH, ICE, UNPRESSERVED

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 ☐	TSS ☐	FLASHPOINT ☐	pH ☐	% MOISTURE ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE ☑	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
BF-16		9/20/22	1156	S	1					X		X		X	X	X																									X			
BF-17		9/20/22	1157	S	1					X		X		X	X	X																									X			
BF-18		9/20/22	1158	S	1					X		X		X	X	X																									X			

TOTAL 3

RELINQUISHED BY:(Signature) Samantha Tuman DATE/TIME 9/20/22 RECEIVED BY: (Signature) 9.20.22 1603

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: 2 THERM#: _____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

Page 39 of 41

Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3016-1
SDG Number: 22-0104-02

Login Number: 3016
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3016-1
SDG Number: 22-0104-02

Login Number: 3016
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 09/22/22 11:12 AM

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 Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3028-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Tract

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

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
10/4/2022 2:00:12 PM

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

LINKS

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

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

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 890-3028-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3028-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
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. Job ID: 890-3028-1
Project/Site: Turkey Tract SDG: 22-0104-02

Job ID: 890-3028-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3028-1

Receipt
The samples were received on 9/21/2022 4:08 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 3.2°C

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-35837 and analytical batch 880-35919 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-10 2.5' (890-3028-1), C-16 2' (890-3028-2), C-32 3' (890-3028-9), (LCS 880-35837/1-A), (LCSD 880-35837/2-A) and (890-3028-A-1-E MS). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-35 3' (890-3028-12) and C-26 3' (890-3028-13). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-35262 and analytical batch 880-35322 was outside the upper control limits.

Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-35263 and analytical batch 880-35322 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: C-50 3' (890-3028-18). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-35263 and analytical batch 880-35322 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

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 880-35271 and analytical batch 880-35354 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: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-10 2.5'

Date Collected: 09/21/22 07:45
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-1
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201		mg/Kg		09/30/22 16:38	10/04/22 05:47	1
Toluene	<0.00201	U *- *1	0.00201		mg/Kg		09/30/22 16:38	10/04/22 05:47	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		09/30/22 16:38	10/04/22 05:47	1
m-Xylene & p-Xylene	<0.00402	U *-	0.00402		mg/Kg		09/30/22 16:38	10/04/22 05:47	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/30/22 16:38	10/04/22 05:47	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/30/22 16:38	10/04/22 05:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*09/30/22 16:38*	*10/04/22 05:47*	*1*
1,4-Difluorobenzene (Surr)	*65*	*S1-*	*70 - 130*	*09/30/22 16:38*	*10/04/22 05:47*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 13:53	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 13:53	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*09/23/22 11:03*	*09/24/22 13:53*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*09/23/22 11:03*	*09/24/22 13:53*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**22.7**	**F1**	4.98		mg/Kg			09/26/22 01:41	1

Client Sample ID: C-16 2'

Date Collected: 09/21/22 07:50
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-2
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198		mg/Kg		09/30/22 16:38	10/04/22 06:08	1
Toluene	<0.00198	U *- *1	0.00198		mg/Kg		09/30/22 16:38	10/04/22 06:08	1
Ethylbenzene	<0.00198	U *- *1	0.00198		mg/Kg		09/30/22 16:38	10/04/22 06:08	1
m-Xylene & p-Xylene	<0.00396	U *-	0.00396		mg/Kg		09/30/22 16:38	10/04/22 06:08	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		09/30/22 16:38	10/04/22 06:08	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		09/30/22 16:38	10/04/22 06:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/30/22 16:38*	*10/04/22 06:08*	*1*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*09/30/22 16:38*	*10/04/22 06:08*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-16 2'

Date Collected: 09/21/22 07:50
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-2
Matrix: Solid

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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 14:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 14:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 14:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*09/23/22 11:03*	*09/24/22 14:15*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*09/23/22 11:03*	*09/24/22 14:15*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.6**		4.95		mg/Kg			09/26/22 01:56	1

Client Sample ID: C-22 3'

Date Collected: 09/21/22 07:52
Date Received: 09/21/22 16:08
Sample Depth: 2.5'

Lab Sample ID: 890-3028-3
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 06:28	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 06:28	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 06:28	1
m-Xylene & p-Xylene	<0.00398	U *-	0.00398		mg/Kg		09/30/22 16:38	10/04/22 06:28	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/30/22 16:38	10/04/22 06:28	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/30/22 16:38	10/04/22 06:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*09/30/22 16:38*	*10/04/22 06:28*	*1*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*09/30/22 16:38*	*10/04/22 06:28*	*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			10/04/22 09:09	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**84.9**		50.0		mg/Kg			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 14:37	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-22 3'

Date Collected: 09/21/22 07:52
Date Received: 09/21/22 16:08
Sample Depth: 2.5'

Lab Sample ID: 890-3028-3
Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	**84.9**		50.0		mg/Kg		09/23/22 11:03	09/24/22 14:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 14:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*09/23/22 11:03*	*09/24/22 14:37*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*09/23/22 11:03*	*09/24/22 14:37*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**102**		4.96		mg/Kg			09/26/22 02:01	1

Client Sample ID: C-43 0-2'

Date Collected: 09/21/22 07:55
Date Received: 09/21/22 16:08
Sample Depth: 2'

Lab Sample ID: 890-3028-4
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 06:49	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 06:49	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 06:49	1
m-Xylene & p-Xylene	<0.00401	U *-	0.00401		mg/Kg		09/30/22 16:38	10/04/22 06:49	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 06:49	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/30/22 16:38	10/04/22 06:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*09/30/22 16:38*	*10/04/22 06:49*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*09/30/22 16:38*	*10/04/22 06:49*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 14:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 14:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 14:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*09/23/22 11:03*	*09/24/22 14:59*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*09/23/22 11:03*	*09/24/22 14:59*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-43 0-2'

Lab Sample ID: 890-3028-4
Matrix: Solid
Date Collected: 09/21/22 07:55
Date Received: 09/21/22 16:08
Sample Depth: 2'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	20.6		5.04		mg/Kg			09/26/22 02:06	1

Client Sample ID: C-24 3'

Lab Sample ID: 890-3028-5
Matrix: Solid
Date Collected: 09/21/22 08:00
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 07:09	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 07:09	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 07:09	1
m-Xylene & p-Xylene	<0.00399	U *-	0.00399		mg/Kg		09/30/22 16:38	10/04/22 07:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 07:09	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/30/22 16:38	10/04/22 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*09/30/22 16:38*	*10/04/22 07:09*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*09/30/22 16:38*	*10/04/22 07:09*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 15:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 15:21	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*09/23/22 11:03*	*09/24/22 15:21*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*09/23/22 11:03*	*09/24/22 15:21*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	16.8		4.97		mg/Kg			09/26/22 02:11	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-25 3'

Date Collected: 09/21/22 08:02
Date Received: 09/21/22 16:08
Sample Depth: 0-2'

Lab Sample ID: 890-3028-6
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 07:30	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 07:30	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 07:30	1
m-Xylene & p-Xylene	<0.00398	U *-	0.00398		mg/Kg		09/30/22 16:38	10/04/22 07:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/30/22 16:38	10/04/22 07:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/30/22 16:38	10/04/22 07:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*09/30/22 16:38*	*10/04/22 07:30*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*09/30/22 16:38*	*10/04/22 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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 15:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 15:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 15:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*09/23/22 11:03*	*09/24/22 15:43*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*09/23/22 11:03*	*09/24/22 15:43*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**101**		4.98		mg/Kg			09/26/22 02:25	1

Client Sample ID: C-30 3'

Date Collected: 09/21/22 08:05
Date Received: 09/21/22 16:08
Sample Depth: 3'

Lab Sample ID: 890-3028-7
Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 07:50	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 07:50	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 07:50	1
m-Xylene & p-Xylene	<0.00401	U *-	0.00401		mg/Kg		09/30/22 16:38	10/04/22 07:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 07:50	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/30/22 16:38	10/04/22 07:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*09/30/22 16:38*	*10/04/22 07:50*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-30 3'

Date Collected: 09/21/22 08:05
Date Received: 09/21/22 16:08
Sample Depth: 3'

Lab Sample ID: 890-3028-7

Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*	*09/30/22 16:38*	*10/04/22 07:50*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		09/23/22 11:03	09/24/22 16:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		09/23/22 11:03	09/24/22 16:27	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		09/23/22 11:03	09/24/22 16:27	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*111*		*70 - 130*	*09/23/22 11:03*	*09/24/22 16:27*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*09/23/22 11:03*	*09/24/22 16:27*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**21.2**		5.00	mg/Kg			09/26/22 02:30	1

Client Sample ID: C-31 3'

Date Collected: 09/21/22 08:06
Date Received: 09/21/22 16:08
Sample Depth: 3'

Lab Sample ID: 890-3028-8

Matrix: Solid

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201	mg/Kg		09/30/22 16:38	10/04/22 08:11	1
Toluene	<0.00201	U *- *1	0.00201	mg/Kg		09/30/22 16:38	10/04/22 08:11	1
Ethylbenzene	<0.00201	U *- *1	0.00201	mg/Kg		09/30/22 16:38	10/04/22 08:11	1
m-Xylene & p-Xylene	<0.00402	U *-	0.00402	mg/Kg		09/30/22 16:38	10/04/22 08:11	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		09/30/22 16:38	10/04/22 08:11	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		09/30/22 16:38	10/04/22 08:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*09/30/22 16:38*	*10/04/22 08:11*	*1*
1,4-Difluorobenzene (Surr)	*70*		*70 - 130*	*09/30/22 16:38*	*10/04/22 08:11*	*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			10/04/22 09:09	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			09/26/22 12:14	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-31 3'

Lab Sample ID: 890-3028-8
Matrix: Solid
Date Collected: 09/21/22 08:06
Date Received: 09/21/22 16:08
Sample Depth: 3'

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		09/23/22 11:03	09/24/22 16:49	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 16:49	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 16:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*09/23/22 11:03*	*09/24/22 16:49*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*09/23/22 11:03*	*09/24/22 16:49*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**27.0**		4.95		mg/Kg			09/26/22 02:35	1

Client Sample ID: C-32 3'

Lab Sample ID: 890-3028-9
Matrix: Solid
Date Collected: 09/21/22 08:07
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 08:31	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 08:31	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 08:31	1
m-Xylene & p-Xylene	<0.00399	U *-	0.00399		mg/Kg		09/30/22 16:38	10/04/22 08:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 08:31	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/30/22 16:38	10/04/22 08:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*09/30/22 16:38*	*10/04/22 08:31*	*1*
1,4-Difluorobenzene (Surr)	*67*	*S1-*	*70 - 130*	*09/30/22 16:38*	*10/04/22 08:31*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 17:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 17:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 17:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*09/23/22 11:03*	*09/24/22 17:11*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*09/23/22 11:03*	*09/24/22 17:11*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-32 3'

Lab Sample ID: 890-3028-9
Matrix: Solid
Date Collected: 09/21/22 08:07
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	14.9		4.98		mg/Kg			09/26/22 02:40	1

Client Sample ID: C-33 3'

Lab Sample ID: 890-3028-10
Matrix: Solid
Date Collected: 09/21/22 08:10
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 08:52	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 08:52	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 08:52	1
m-Xylene & p-Xylene	<0.00398	U *-	0.00398		mg/Kg		09/30/22 16:38	10/04/22 08:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/30/22 16:38	10/04/22 08:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/30/22 16:38	10/04/22 08:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*09/30/22 16:38*	*10/04/22 08:52*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/30/22 16:38*	*10/04/22 08:52*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 17:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 17:33	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 17:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*09/23/22 11:03*	*09/24/22 17:33*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*09/23/22 11:03*	*09/24/22 17:33*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	13.6		4.96		mg/Kg			09/26/22 02:45	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-34 3'

Lab Sample ID: 890-3028-11
Matrix: Solid
Date Collected: 09/21/22 08:11
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U *- *1	0.00202		mg/Kg		09/30/22 16:38	10/04/22 10:14	1
Toluene	<0.00202	U *- *1	0.00202		mg/Kg		09/30/22 16:38	10/04/22 10:14	1
Ethylbenzene	<0.00202	U *- *1	0.00202		mg/Kg		09/30/22 16:38	10/04/22 10:14	1
m-Xylene & p-Xylene	<0.00403	U *-	0.00403		mg/Kg		09/30/22 16:38	10/04/22 10:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		09/30/22 16:38	10/04/22 10:14	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		09/30/22 16:38	10/04/22 10:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*09/30/22 16:38*	*10/04/22 10:14*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*09/30/22 16:38*	*10/04/22 10:14*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 17:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 17:56	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 17:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*09/23/22 11:03*	*09/24/22 17:56*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*09/23/22 11:03*	*09/24/22 17:56*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.1**		5.05		mg/Kg			09/26/22 02:50	1

Client Sample ID: C-35 3'

Lab Sample ID: 890-3028-12
Matrix: Solid
Date Collected: 09/21/22 08:12
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 10:35	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 10:35	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 10:35	1
m-Xylene & p-Xylene	<0.00399	U *-	0.00399		mg/Kg		09/30/22 16:38	10/04/22 10:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 10:35	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/30/22 16:38	10/04/22 10:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/30/22 16:38*	*10/04/22 10:35*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 890-3028-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: C-35 3'
Lab Sample ID: 890-3028-12
Date Collected: 09/21/22 08:12 **Matrix: Solid**
Date Received: 09/21/22 16:08
Sample Depth: 3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*09/30/22 16:38*	*10/04/22 10:35*	*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			10/04/22 09:09	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**53.0**		50.0	mg/Kg			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		09/23/22 11:03	09/24/22 18:18	1
Diesel Range Organics (Over C10-C28)	**53.0**		50.0	mg/Kg		09/23/22 11:03	09/24/22 18:18	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/23/22 11:03	09/24/22 18:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*127*		*70 - 130*	*09/23/22 11:03*	*09/24/22 18:18*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*09/23/22 11:03*	*09/24/22 18:18*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.0**		4.95	mg/Kg			09/26/22 03:04	1

Client Sample ID: C-26 3'
Lab Sample ID: 890-3028-13
Date Collected: 09/21/22 08:15 **Matrix: Solid**
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199	mg/Kg		09/30/22 16:38	10/04/22 10:55	1
Toluene	<0.00199	U *- *1	0.00199	mg/Kg		09/30/22 16:38	10/04/22 10:55	1
Ethylbenzene	<0.00199	U *- *1	0.00199	mg/Kg		09/30/22 16:38	10/04/22 10:55	1
m-Xylene & p-Xylene	<0.00398	U *-	0.00398	mg/Kg		09/30/22 16:38	10/04/22 10:55	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		09/30/22 16:38	10/04/22 10:55	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		09/30/22 16:38	10/04/22 10:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*09/30/22 16:38*	*10/04/22 10:55*	*1*
1,4-Difluorobenzene (Surr)	*69*	*S1-*	*70 - 130*	*09/30/22 16:38*	*10/04/22 10:55*	*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			10/04/22 09:09	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			09/26/22 12:14	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-26 3'

Lab Sample ID: 890-3028-13
Matrix: Solid
Date Collected: 09/21/22 08:15
Date Received: 09/21/22 16:08
Sample Depth: 3'

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		09/23/22 11:03	09/24/22 18:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 18:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 18:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*124*		*70 - 130*	*09/23/22 11:03*	*09/24/22 18:40*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*09/23/22 11:03*	*09/24/22 18:40*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**34.3**		4.98		mg/Kg			09/26/22 03:09	1

Client Sample ID: C-45 3'

Lab Sample ID: 890-3028-14
Matrix: Solid
Date Collected: 09/21/22 12:15
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U *- *1	0.00201		mg/Kg		09/30/22 16:38	10/04/22 11:16	1
Toluene	<0.00201	U *- *1	0.00201		mg/Kg		09/30/22 16:38	10/04/22 11:16	1
Ethylbenzene	<0.00201	U *- *1	0.00201		mg/Kg		09/30/22 16:38	10/04/22 11:16	1
m-Xylene & p-Xylene	<0.00402	U *-	0.00402		mg/Kg		09/30/22 16:38	10/04/22 11:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		09/30/22 16:38	10/04/22 11:16	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		09/30/22 16:38	10/04/22 11:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*09/30/22 16:38*	*10/04/22 11:16*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*09/30/22 16:38*	*10/04/22 11:16*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 19:02	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 19:02	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 19:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*09/23/22 11:03*	*09/24/22 19:02*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*09/23/22 11:03*	*09/24/22 19:02*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-45 3'

Lab Sample ID: 890-3028-14
Matrix: Solid
Date Collected: 09/21/22 12:15
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	109		5.02		mg/Kg			09/26/22 03:24	1

Client Sample ID: C-46 3'

Lab Sample ID: 890-3028-15
Matrix: Solid
Date Collected: 09/21/22 12:16
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 11:36	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 11:36	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 11:36	1
m-Xylene & p-Xylene	<0.00401	U *-	0.00401		mg/Kg		09/30/22 16:38	10/04/22 11:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 11:36	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		09/30/22 16:38	10/04/22 11:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/30/22 16:38*	*10/04/22 11:36*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/30/22 16:38*	*10/04/22 11:36*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 19:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 19:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*09/23/22 11:03*	*09/24/22 19:25*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*09/23/22 11:03*	*09/24/22 19:25*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	110		4.97		mg/Kg			09/26/22 03:29	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 890-3028-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: C-48 3'
Lab Sample ID: 890-3028-16
Date Collected: 09/21/22 00:00 **Matrix: Solid**
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 11:57	1
Toluene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 11:57	1
Ethylbenzene	<0.00200	U *- *1	0.00200		mg/Kg		09/30/22 16:38	10/04/22 11:57	1
m-Xylene & p-Xylene	<0.00399	U *-	0.00399		mg/Kg		09/30/22 16:38	10/04/22 11:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 11:57	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		09/30/22 16:38	10/04/22 11:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*09/30/22 16:38*	*10/04/22 11:57*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*09/30/22 16:38*	*10/04/22 11:57*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 19:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 19:47	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/23/22 11:03	09/24/22 19:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*09/23/22 11:03*	*09/24/22 19:47*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*09/23/22 11:03*	*09/24/22 19:47*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.6**		4.96		mg/Kg			09/26/22 03:34	1

Client Sample ID: C-49 3'
Lab Sample ID: 890-3028-17
Date Collected: 09/21/22 00:00 **Matrix: Solid**
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 12:17	1
Toluene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 12:17	1
Ethylbenzene	<0.00199	U *- *1	0.00199		mg/Kg		09/30/22 16:38	10/04/22 12:17	1
m-Xylene & p-Xylene	<0.00398	U *-	0.00398		mg/Kg		09/30/22 16:38	10/04/22 12:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		09/30/22 16:38	10/04/22 12:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		09/30/22 16:38	10/04/22 12:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*09/30/22 16:38*	*10/04/22 12:17*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-49 3'

Lab Sample ID: 890-3028-17
Matrix: Solid
Date Collected: 09/21/22 00:00
Date Received: 09/21/22 16:08
Sample Depth: 3'

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*09/30/22 16:38*	*10/04/22 12:17*	*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			10/04/22 09:09	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			09/26/22 12:14	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		09/23/22 11:06	09/25/22 02:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		09/23/22 11:06	09/25/22 02:55	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/23/22 11:06	09/25/22 02:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*127*		*70 - 130*	*09/23/22 11:06*	*09/25/22 02:55*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*09/23/22 11:06*	*09/25/22 02:55*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**49.3**		5.05	mg/Kg			09/26/22 03:39	1

Client Sample ID: C-50 3'

Lab Sample ID: 890-3028-18
Matrix: Solid
Date Collected: 09/21/22 00:00
Date Received: 09/21/22 16:08
Sample Depth: 3'

Method: 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U *- *1	0.00198	mg/Kg		09/30/22 16:38	10/04/22 12:38	1
Toluene	<0.00198	U *- *1	0.00198	mg/Kg		09/30/22 16:38	10/04/22 12:38	1
Ethylbenzene	<0.00198	U *- *1	0.00198	mg/Kg		09/30/22 16:38	10/04/22 12:38	1
m-Xylene & p-Xylene	<0.00396	U *-	0.00396	mg/Kg		09/30/22 16:38	10/04/22 12:38	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		09/30/22 16:38	10/04/22 12:38	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		09/30/22 16:38	10/04/22 12:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*09/30/22 16:38*	*10/04/22 12:38*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*09/30/22 16:38*	*10/04/22 12:38*	*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			10/04/22 09:09	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			09/26/22 12:14	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-50 3'

Date Collected: 09/21/22 00:00
Date Received: 09/21/22 16:08
Sample Depth: 3'

Lab Sample ID: 890-3028-18

Matrix: Solid

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		09/23/22 11:06	09/25/22 03:17	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/23/22 11:06	09/25/22 03:17	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/23/22 11:06	09/25/22 03:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*134*	*S1+*	*70 - 130*	*09/23/22 11:06*	*09/25/22 03:17*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*09/23/22 11:06*	*09/25/22 03:17*	*1*

Method: 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.0**		5.04		mg/Kg			09/26/22 03:43	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

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)										
890-3028-1	C-10 2.5'	112	65 S1-										
890-3028-1 MS	C-10 2.5'	153 S1+	103										
890-3028-1 MSD	C-10 2.5'	96	104										
890-3028-2	C-16 2'	113	67 S1-										
890-3028-3	C-22 3'	117	77										
890-3028-4	C-43 0-2'	97	82										
890-3028-5	C-24 3'	122	83										
890-3028-6	C-25 3'	119	73										
890-3028-7	C-30 3'	128	77										
890-3028-8	C-31 3'	107	70										
890-3028-9	C-32 3'	110	67 S1-										
890-3028-10	C-33 3'	129	87										
890-3028-11	C-34 3'	118	78										
890-3028-12	C-35 3'	113	69 S1-										
890-3028-13	C-26 3'	125	69 S1-										
890-3028-14	C-45 3'	121	81										
890-3028-15	C-46 3'	102	87										
890-3028-16	C-48 3'	99	87										
890-3028-17	C-49 3'	102	84										
890-3028-18	C-50 3'	117	81										
LCS 880-35837/1-A	Lab Control Sample	133 S1+	105										
LCSD 880-35837/2-A	Lab Control Sample Dup	146 S1+	88										
MB 880-35686/5-A	Method Blank	113	88										
MB 880-35837/5-A	Method Blank	113	81										

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)										
890-3011-A-19-D MS	Matrix Spike	110	87										
890-3011-A-19-E MSD	Matrix Spike Duplicate	112	89										
890-3027-A-1-C MS	Matrix Spike	110	91										
890-3027-A-1-D MSD	Matrix Spike Duplicate	126	89										
890-3028-1	C-10 2.5'	129	122										
890-3028-2	C-16 2'	106	98										
890-3028-3	C-22 3'	124	109										
890-3028-4	C-43 0-2'	101	92										
890-3028-5	C-24 3'	123	111										
890-3028-6	C-25 3'	112	95										
890-3028-7	C-30 3'	111	96										
890-3028-8	C-31 3'	105	91										
890-3028-9	C-32 3'	112	96										
890-3028-10	C-33 3'	109	93										
890-3028-11	C-34 3'	112	97										

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 890-3028-1
Project/Site: Turkey Tract SDG: 22-0104-02

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

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)									
		1CO1	OTPH1								
Lab Sample ID	Client Sample ID	(70-130)	(70-130)								
890-3028-12	C-35 3'	127	111								
890-3028-13	C-26 3'	124	109								
890-3028-14	C-45 3'	117	98								
890-3028-15	C-46 3'	106	91								
890-3028-16	C-48 3'	106	92								
890-3028-17	C-49 3'	127	120								
890-3028-18	C-50 3'	134 S1+	123								
LCS 880-35262/2-A	Lab Control Sample	107	96								
LCS 880-35263/2-A	Lab Control Sample	117	104								
LCSD 880-35262/3-A	Lab Control Sample Dup	109	93								
LCSD 880-35263/3-A	Lab Control Sample Dup	110	103								
MB 880-35262/1-A	Method Blank	132 S1+	124								
MB 880-35263/1-A	Method Blank	156 S1+	147 S1+								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-35686/5-A
Matrix: Solid
Analysis Batch: 35919

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35686

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:29	10/03/22 18:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:29	10/03/22 18:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:29	10/03/22 18:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/29/22 11:29	10/03/22 18:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/29/22 11:29	10/03/22 18:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/29/22 11:29	10/03/22 18:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/29/22 11:29*	*10/03/22 18:52*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*09/29/22 11:29*	*10/03/22 18:52*	*1*

Lab Sample ID: MB 880-35837/5-A
Matrix: Solid
Analysis Batch: 35919

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35837

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 05:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 05:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 05:26	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/30/22 16:38	10/04/22 05:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/30/22 16:38	10/04/22 05:26	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/30/22 16:38	10/04/22 05:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*09/30/22 16:38*	*10/04/22 05:26*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*09/30/22 16:38*	*10/04/22 05:26*	*1*

Lab Sample ID: LCS 880-35837/1-A
Matrix: Solid
Analysis Batch: 35919

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35837

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1027		mg/Kg		103	70 - 130		
Toluene			0.100	0.09092		mg/Kg		91	70 - 130		
Ethylbenzene			0.100	0.09749		mg/Kg		97	70 - 130		
m-Xylene & p-Xylene			0.200	0.1959		mg/Kg		98	70 - 130		
o-Xylene			0.100	0.1146		mg/Kg		115	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*133*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: LCSD 880-35837/2-A
Matrix: Solid
Analysis Batch: 35919

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35837

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.05993	*- *1	mg/Kg		60	70 - 130	53	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

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

Lab Sample ID: LCSD 880-35837/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35919 — **Prep Batch: 35837**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.05939	*- *1	mg/Kg		59	70 - 130	42	35
Ethylbenzene			0.100	0.06744	*- *1	mg/Kg		67	70 - 130	36	35
m-Xylene & p-Xylene			0.200	0.1376	*-	mg/Kg		69	70 - 130	35	35
o-Xylene			0.100	0.08760		mg/Kg		88	70 - 130	27	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: 890-3028-1 MS — **Client Sample ID: C-10 2.5'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35919 — **Prep Batch: 35837**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U *- *1	0.100	0.09122		mg/Kg		91	70 - 130
Toluene	<0.00201	U *- *1	0.100	0.08925		mg/Kg		89	70 - 130
Ethylbenzene	<0.00201	U *- *1	0.100	0.1010		mg/Kg		101	70 - 130
m-Xylene & p-Xylene	<0.00402	U *-	0.200	0.2120		mg/Kg		106	70 - 130
o-Xylene	<0.00201	U	0.100	0.1228		mg/Kg		123	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: 890-3028-1 MSD — **Client Sample ID: C-10 2.5'**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35919 — **Prep Batch: 35837**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U *- *1	0.0998	0.1003		mg/Kg		100	70 - 130	9	35
Toluene	<0.00201	U *- *1	0.0998	0.09090		mg/Kg		91	70 - 130	2	35
Ethylbenzene	<0.00201	U *- *1	0.0998	0.09712		mg/Kg		97	70 - 130	4	35
m-Xylene & p-Xylene	<0.00402	U *-	0.200	0.1990		mg/Kg		100	70 - 130	6	35
o-Xylene	<0.00201	U	0.0998	0.1141		mg/Kg		114	70 - 130	7	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

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

Lab Sample ID: MB 880-35262/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35322 — **Prep Batch: 35262**

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		09/23/22 11:03	09/24/22 10:38	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

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

Lab Sample ID: MB 880-35262/1-A
Matrix: Solid
Analysis Batch: 35322

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35262

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 10:38	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/22 11:03	09/24/22 10:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*132*	*S1+*	*70 - 130*	*09/23/22 11:03*	*09/24/22 10:38*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*09/23/22 11:03*	*09/24/22 10:38*	*1*

Lab Sample ID: LCS 880-35262/2-A
Matrix: Solid
Analysis Batch: 35322

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35262

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	887.2		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1002		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*107*		*70 - 130*
o-Terphenyl (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-35262/3-A
Matrix: Solid
Analysis Batch: 35322

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35262

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	921.2		mg/Kg		92	70 - 130	4	20
Diesel Range Organics (Over C10-C28)			1000	973.8		mg/Kg		97	70 - 130	3	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*109*		*70 - 130*
o-Terphenyl (Surr)	*93*		*70 - 130*

Lab Sample ID: 890-3011-A-19-D MS
Matrix: Solid
Analysis Batch: 35322

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 35262

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	861.2		mg/Kg		86	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	965.0		mg/Kg		92	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*110*		*70 - 130*
o-Terphenyl (Surr)	*87*		*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

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

Lab Sample ID: 890-3011-A-19-E MSD — **Client Sample ID: Matrix Spike Duplicate**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35322 — **Prep Batch: 35262**

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	892.1		mg/Kg		89	70 - 130	4	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	971.0		mg/Kg		93	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*112*		*70 - 130*
o-Terphenyl (Surr)	*89*		*70 - 130*

Lab Sample ID: MB 880-35263/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35322 — **Prep Batch: 35263**

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		09/23/22 11:06	09/24/22 20:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/23/22 11:06	09/24/22 20:31	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/23/22 11:06	09/24/22 20:31	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*156*	*S1+*	*70 - 130*	*09/23/22 11:06*	*09/24/22 20:31*	*1*
o-Terphenyl (Surr)	*147*	*S1+*	*70 - 130*	*09/23/22 11:06*	*09/24/22 20:31*	*1*

Lab Sample ID: LCS 880-35263/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35322 — **Prep Batch: 35263**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1065		mg/Kg		106	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1082		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*117*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-35263/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35322 — **Prep Batch: 35263**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1152		mg/Kg		115	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	1068		mg/Kg		107	70 - 130	1	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

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

Lab Sample ID: LCSD 880-35263/3-A
Matrix: Solid
Analysis Batch: 35322

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35263

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	103		70 - 130

Lab Sample ID: 890-3027-A-1-C MS
Matrix: Solid
Analysis Batch: 35322

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 35263

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	996.4		mg/Kg		98	70 - 130		
Diesel Range Organics (Over C10-C28)	<49.9	U	996	1128		mg/Kg		112	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Lab Sample ID: 890-3027-A-1-D MSD
Matrix: Solid
Analysis Batch: 35322

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 35263

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	1092		mg/Kg		107	70 - 130	9	20
Diesel Range Organics (Over C10-C28)	<49.9	U	999	1148		mg/Kg		113	70 - 130	2	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	126		70 - 130
o-Terphenyl (Surr)	89		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-35271/1-A
Matrix: Solid
Analysis Batch: 35354

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			09/26/22 01:27	1

Lab Sample ID: LCS 880-35271/2-A
Matrix: Solid
Analysis Batch: 35354

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	271.1		mg/Kg		108	90 - 110		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-35271/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35354

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	271.8		mg/Kg		109	90 - 110	0	20

Lab Sample ID: 890-3028-1 MS — **Client Sample ID: C-10 2.5'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	22.7	F1	249	300.4	F1	mg/Kg		112	90 - 110

Lab Sample ID: 890-3028-1 MSD — **Client Sample ID: C-10 2.5'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35354

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	22.7	F1	249	301.9	F1	mg/Kg		112	90 - 110	0	20

Lab Sample ID: 890-3028-11 MS — **Client Sample ID: C-34 3'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35354

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	52.1		253	329.1		mg/Kg		110	90 - 110

Lab Sample ID: 890-3028-11 MSD — **Client Sample ID: C-34 3'**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35354

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	52.1		253	329.6		mg/Kg		110	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

GC VOA

Prep Batch: 35686

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-35686/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 35837

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-1	C-10 2.5'	Total/NA	Solid	5035	
890-3028-2	C-16 2'	Total/NA	Solid	5035	
890-3028-3	C-22 3'	Total/NA	Solid	5035	
890-3028-4	C-43 0-2'	Total/NA	Solid	5035	
890-3028-5	C-24 3'	Total/NA	Solid	5035	
890-3028-6	C-25 3'	Total/NA	Solid	5035	
890-3028-7	C-30 3'	Total/NA	Solid	5035	
890-3028-8	C-31 3'	Total/NA	Solid	5035	
890-3028-9	C-32 3'	Total/NA	Solid	5035	
890-3028-10	C-33 3'	Total/NA	Solid	5035	
890-3028-11	C-34 3'	Total/NA	Solid	5035	
890-3028-12	C-35 3'	Total/NA	Solid	5035	
890-3028-13	C-26 3'	Total/NA	Solid	5035	
890-3028-14	C-45 3'	Total/NA	Solid	5035	
890-3028-15	C-46 3'	Total/NA	Solid	5035	
890-3028-16	C-48 3'	Total/NA	Solid	5035	
890-3028-17	C-49 3'	Total/NA	Solid	5035	
890-3028-18	C-50 3'	Total/NA	Solid	5035	
MB 880-35837/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-35837/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-35837/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3028-1 MS	C-10 2.5'	Total/NA	Solid	5035	
890-3028-1 MSD	C-10 2.5'	Total/NA	Solid	5035	

Analysis Batch: 35919

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-1	C-10 2.5'	Total/NA	Solid	8021B	35837
890-3028-2	C-16 2'	Total/NA	Solid	8021B	35837
890-3028-3	C-22 3'	Total/NA	Solid	8021B	35837
890-3028-4	C-43 0-2'	Total/NA	Solid	8021B	35837
890-3028-5	C-24 3'	Total/NA	Solid	8021B	35837
890-3028-6	C-25 3'	Total/NA	Solid	8021B	35837
890-3028-7	C-30 3'	Total/NA	Solid	8021B	35837
890-3028-8	C-31 3'	Total/NA	Solid	8021B	35837
890-3028-9	C-32 3'	Total/NA	Solid	8021B	35837
890-3028-10	C-33 3'	Total/NA	Solid	8021B	35837
890-3028-11	C-34 3'	Total/NA	Solid	8021B	35837
890-3028-12	C-35 3'	Total/NA	Solid	8021B	35837
890-3028-13	C-26 3'	Total/NA	Solid	8021B	35837
890-3028-14	C-45 3'	Total/NA	Solid	8021B	35837
890-3028-15	C-46 3'	Total/NA	Solid	8021B	35837
890-3028-16	C-48 3'	Total/NA	Solid	8021B	35837
890-3028-17	C-49 3'	Total/NA	Solid	8021B	35837
890-3028-18	C-50 3'	Total/NA	Solid	8021B	35837
MB 880-35686/5-A	Method Blank	Total/NA	Solid	8021B	35686
MB 880-35837/5-A	Method Blank	Total/NA	Solid	8021B	35837
LCS 880-35837/1-A	Lab Control Sample	Total/NA	Solid	8021B	35837

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 890-3028-1
Project/Site: Turkey Tract SDG: 22-0104-02

GC VOA (Continued)

Analysis Batch: 35919 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCSD 880-35837/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	35837
890-3028-1 MS	C-10 2.5'	Total/NA	Solid	8021B	35837
890-3028-1 MSD	C-10 2.5'	Total/NA	Solid	8021B	35837

Analysis Batch: 36038

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-1	C-10 2.5'	Total/NA	Solid	Total BTEX	
890-3028-2	C-16 2'	Total/NA	Solid	Total BTEX	
890-3028-3	C-22 3'	Total/NA	Solid	Total BTEX	
890-3028-4	C-43 0-2'	Total/NA	Solid	Total BTEX	
890-3028-5	C-24 3'	Total/NA	Solid	Total BTEX	
890-3028-6	C-25 3'	Total/NA	Solid	Total BTEX	
890-3028-7	C-30 3'	Total/NA	Solid	Total BTEX	
890-3028-8	C-31 3'	Total/NA	Solid	Total BTEX	
890-3028-9	C-32 3'	Total/NA	Solid	Total BTEX	
890-3028-10	C-33 3'	Total/NA	Solid	Total BTEX	
890-3028-11	C-34 3'	Total/NA	Solid	Total BTEX	
890-3028-12	C-35 3'	Total/NA	Solid	Total BTEX	
890-3028-13	C-26 3'	Total/NA	Solid	Total BTEX	
890-3028-14	C-45 3'	Total/NA	Solid	Total BTEX	
890-3028-15	C-46 3'	Total/NA	Solid	Total BTEX	
890-3028-16	C-48 3'	Total/NA	Solid	Total BTEX	
890-3028-17	C-49 3'	Total/NA	Solid	Total BTEX	
890-3028-18	C-50 3'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 35262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-1	C-10 2.5'	Total/NA	Solid	8015NM Prep	
890-3028-2	C-16 2'	Total/NA	Solid	8015NM Prep	
890-3028-3	C-22 3'	Total/NA	Solid	8015NM Prep	
890-3028-4	C-43 0-2'	Total/NA	Solid	8015NM Prep	
890-3028-5	C-24 3'	Total/NA	Solid	8015NM Prep	
890-3028-6	C-25 3'	Total/NA	Solid	8015NM Prep	
890-3028-7	C-30 3'	Total/NA	Solid	8015NM Prep	
890-3028-8	C-31 3'	Total/NA	Solid	8015NM Prep	
890-3028-9	C-32 3'	Total/NA	Solid	8015NM Prep	
890-3028-10	C-33 3'	Total/NA	Solid	8015NM Prep	
890-3028-11	C-34 3'	Total/NA	Solid	8015NM Prep	
890-3028-12	C-35 3'	Total/NA	Solid	8015NM Prep	
890-3028-13	C-26 3'	Total/NA	Solid	8015NM Prep	
890-3028-14	C-45 3'	Total/NA	Solid	8015NM Prep	
890-3028-15	C-46 3'	Total/NA	Solid	8015NM Prep	
890-3028-16	C-48 3'	Total/NA	Solid	8015NM Prep	
MB 880-35262/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35262/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35262/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3011-A-19-D MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-3011-A-19-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

GC Semi VOA

Prep Batch: 35263

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-17	C-49 3'	Total/NA	Solid	8015NM Prep	
890-3028-18	C-50 3'	Total/NA	Solid	8015NM Prep	
MB 880-35263/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35263/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35263/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3027-A-1-C MS	Matrix Spike	Total/NA	Solid	8015NM Prep	
890-3027-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35322

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-1	C-10 2.5'	Total/NA	Solid	8015B NM	35262
890-3028-2	C-16 2'	Total/NA	Solid	8015B NM	35262
890-3028-3	C-22 3'	Total/NA	Solid	8015B NM	35262
890-3028-4	C-43 0-2'	Total/NA	Solid	8015B NM	35262
890-3028-5	C-24 3'	Total/NA	Solid	8015B NM	35262
890-3028-6	C-25 3'	Total/NA	Solid	8015B NM	35262
890-3028-7	C-30 3'	Total/NA	Solid	8015B NM	35262
890-3028-8	C-31 3'	Total/NA	Solid	8015B NM	35262
890-3028-9	C-32 3'	Total/NA	Solid	8015B NM	35262
890-3028-10	C-33 3'	Total/NA	Solid	8015B NM	35262
890-3028-11	C-34 3'	Total/NA	Solid	8015B NM	35262
890-3028-12	C-35 3'	Total/NA	Solid	8015B NM	35262
890-3028-13	C-26 3'	Total/NA	Solid	8015B NM	35262
890-3028-14	C-45 3'	Total/NA	Solid	8015B NM	35262
890-3028-15	C-46 3'	Total/NA	Solid	8015B NM	35262
890-3028-16	C-48 3'	Total/NA	Solid	8015B NM	35262
890-3028-17	C-49 3'	Total/NA	Solid	8015B NM	35263
890-3028-18	C-50 3'	Total/NA	Solid	8015B NM	35263
MB 880-35262/1-A	Method Blank	Total/NA	Solid	8015B NM	35262
MB 880-35263/1-A	Method Blank	Total/NA	Solid	8015B NM	35263
LCS 880-35262/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35262
LCS 880-35263/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35263
LCSD 880-35262/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35262
LCSD 880-35263/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35263
890-3011-A-19-D MS	Matrix Spike	Total/NA	Solid	8015B NM	35262
890-3011-A-19-E MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	35262
890-3027-A-1-C MS	Matrix Spike	Total/NA	Solid	8015B NM	35263
890-3027-A-1-D MSD	Matrix Spike Duplicate	Total/NA	Solid	8015B NM	35263

Analysis Batch: 35395

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-1	C-10 2.5'	Total/NA	Solid	8015 NM	
890-3028-2	C-16 2'	Total/NA	Solid	8015 NM	
890-3028-3	C-22 3'	Total/NA	Solid	8015 NM	
890-3028-4	C-43 0-2'	Total/NA	Solid	8015 NM	
890-3028-5	C-24 3'	Total/NA	Solid	8015 NM	
890-3028-6	C-25 3'	Total/NA	Solid	8015 NM	
890-3028-7	C-30 3'	Total/NA	Solid	8015 NM	
890-3028-8	C-31 3'	Total/NA	Solid	8015 NM	
890-3028-9	C-32 3'	Total/NA	Solid	8015 NM	
890-3028-10	C-33 3'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 35395 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-11	C-34 3'	Total/NA	Solid	8015 NM	
890-3028-12	C-35 3'	Total/NA	Solid	8015 NM	
890-3028-13	C-26 3'	Total/NA	Solid	8015 NM	
890-3028-14	C-45 3'	Total/NA	Solid	8015 NM	
890-3028-15	C-46 3'	Total/NA	Solid	8015 NM	
890-3028-16	C-48 3'	Total/NA	Solid	8015 NM	
890-3028-17	C-49 3'	Total/NA	Solid	8015 NM	
890-3028-18	C-50 3'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 35271

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-1	C-10 2.5'	Soluble	Solid	DI Leach	
890-3028-2	C-16 2'	Soluble	Solid	DI Leach	
890-3028-3	C-22 3'	Soluble	Solid	DI Leach	
890-3028-4	C-43 0-2'	Soluble	Solid	DI Leach	
890-3028-5	C-24 3'	Soluble	Solid	DI Leach	
890-3028-6	C-25 3'	Soluble	Solid	DI Leach	
890-3028-7	C-30 3'	Soluble	Solid	DI Leach	
890-3028-8	C-31 3'	Soluble	Solid	DI Leach	
890-3028-9	C-32 3'	Soluble	Solid	DI Leach	
890-3028-10	C-33 3'	Soluble	Solid	DI Leach	
890-3028-11	C-34 3'	Soluble	Solid	DI Leach	
890-3028-12	C-35 3'	Soluble	Solid	DI Leach	
890-3028-13	C-26 3'	Soluble	Solid	DI Leach	
890-3028-14	C-45 3'	Soluble	Solid	DI Leach	
890-3028-15	C-46 3'	Soluble	Solid	DI Leach	
890-3028-16	C-48 3'	Soluble	Solid	DI Leach	
890-3028-17	C-49 3'	Soluble	Solid	DI Leach	
890-3028-18	C-50 3'	Soluble	Solid	DI Leach	
MB 880-35271/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35271/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35271/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3028-1 MS	C-10 2.5'	Soluble	Solid	DI Leach	
890-3028-1 MSD	C-10 2.5'	Soluble	Solid	DI Leach	
890-3028-11 MS	C-34 3'	Soluble	Solid	DI Leach	
890-3028-11 MSD	C-34 3'	Soluble	Solid	DI Leach	

Analysis Batch: 35354

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-1	C-10 2.5'	Soluble	Solid	300.0	35271
890-3028-2	C-16 2'	Soluble	Solid	300.0	35271
890-3028-3	C-22 3'	Soluble	Solid	300.0	35271
890-3028-4	C-43 0-2'	Soluble	Solid	300.0	35271
890-3028-5	C-24 3'	Soluble	Solid	300.0	35271
890-3028-6	C-25 3'	Soluble	Solid	300.0	35271
890-3028-7	C-30 3'	Soluble	Solid	300.0	35271
890-3028-8	C-31 3'	Soluble	Solid	300.0	35271
890-3028-9	C-32 3'	Soluble	Solid	300.0	35271
890-3028-10	C-33 3'	Soluble	Solid	300.0	35271

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

HPLC/IC (Continued)

Analysis Batch: 35354 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3028-11	C-34 3'	Soluble	Solid	300.0	35271
890-3028-12	C-35 3'	Soluble	Solid	300.0	35271
890-3028-13	C-26 3'	Soluble	Solid	300.0	35271
890-3028-14	C-45 3'	Soluble	Solid	300.0	35271
890-3028-15	C-46 3'	Soluble	Solid	300.0	35271
890-3028-16	C-48 3'	Soluble	Solid	300.0	35271
890-3028-17	C-49 3'	Soluble	Solid	300.0	35271
890-3028-18	C-50 3'	Soluble	Solid	300.0	35271
MB 880-35271/1-A	Method Blank	Soluble	Solid	300.0	35271
LCS 880-35271/2-A	Lab Control Sample	Soluble	Solid	300.0	35271
LCSD 880-35271/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35271
890-3028-1 MS	C-10 2.5'	Soluble	Solid	300.0	35271
890-3028-1 MSD	C-10 2.5'	Soluble	Solid	300.0	35271
890-3028-11 MS	C-34 3'	Soluble	Solid	300.0	35271
890-3028-11 MSD	C-34 3'	Soluble	Solid	300.0	35271

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-10 2.5'

Date Collected: 09/21/22 07:45
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-1
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			4.97 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 05:47	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 13:53	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 01:41	CH	EET MID

Client Sample ID: C-16 2'

Date Collected: 09/21/22 07:50
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 06:08	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 14:15	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 01:56	CH	EET MID

Client Sample ID: C-22 3'

Date Collected: 09/21/22 07:52
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 06:28	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 14:37	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 02:01	CH	EET MID

Client Sample ID: C-43 0-2'

Date Collected: 09/21/22 07:55
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 06:49	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-43 0-2'

Lab Sample ID: 890-3028-4
Matrix: Solid
Date Collected: 09/21/22 07:55
Date Received: 09/21/22 16:08

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			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 14:59	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 02:06	CH	EET MID

Client Sample ID: C-24 3'

Lab Sample ID: 890-3028-5
Matrix: Solid
Date Collected: 09/21/22 08:00
Date Received: 09/21/22 16:08

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	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 07:09	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 15:21	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 02:11	CH	EET MID

Client Sample ID: C-25 3'

Lab Sample ID: 890-3028-6
Matrix: Solid
Date Collected: 09/21/22 08:02
Date Received: 09/21/22 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 07:30	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 15:43	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 02:25	CH	EET MID

Client Sample ID: C-30 3'

Lab Sample ID: 890-3028-7
Matrix: Solid
Date Collected: 09/21/22 08:05
Date Received: 09/21/22 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.99 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 07:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 16:27	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-30 3'

Date Collected: 09/21/22 08:05
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-7
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 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 02:30	CH	EET MID

Client Sample ID: C-31 3'

Date Collected: 09/21/22 08:06
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-8
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	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 08:11	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 16:49	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 02:35	CH	EET MID

Client Sample ID: C-32 3'

Date Collected: 09/21/22 08:07
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 08:31	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 17:11	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 02:40	CH	EET MID

Client Sample ID: C-33 3'

Date Collected: 09/21/22 08:10
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-10
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			5.02 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 08:52	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 17:33	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 02:45	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-34 3'

Date Collected: 09/21/22 08:11
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-11
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			4.96 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 10:14	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 17:56	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 02:50	CH	EET MID

Client Sample ID: C-35 3'

Date Collected: 09/21/22 08:12
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 10:35	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 18:18	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 03:04	CH	EET MID

Client Sample ID: C-26 3'

Date Collected: 09/21/22 08:15
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-13
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			5.02 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 10:55	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 18:40	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 03:09	CH	EET MID

Client Sample ID: C-45 3'

Date Collected: 09/21/22 12:15
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-14
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			4.97 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 11:16	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-45 3'

Date Collected: 09/21/22 12:15
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-14
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			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 19:02	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 03:24	CH	EET MID

Client Sample ID: C-46 3'

Date Collected: 09/21/22 12:16
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-15
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	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 11:36	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 19:25	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 03:29	CH	EET MID

Client Sample ID: C-48 3'

Date Collected: 09/21/22 00:00
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-16
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			5.01 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 11:57	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35262	09/23/22 11:03	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/24/22 19:47	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 03:34	CH	EET MID

Client Sample ID: C-49 3'

Date Collected: 09/21/22 00:00
Date Received: 09/21/22 16:08

Lab Sample ID: 890-3028-17
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			5.02 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 12:17	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35263	09/23/22 11:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/25/22 02:55	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Client Sample ID: C-49 3'

Lab Sample ID: 890-3028-17
Matrix: Solid
Date Collected: 09/21/22 00:00
Date Received: 09/21/22 16:08

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	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 03:39	CH	EET MID

Client Sample ID: C-50 3'

Lab Sample ID: 890-3028-18
Matrix: Solid
Date Collected: 09/21/22 00:00
Date Received: 09/21/22 16:08

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	35837	09/30/22 16:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	35919	10/04/22 12:38	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36038	10/04/22 09:09	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35395	09/26/22 12:14	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35263	09/23/22 11:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35322	09/25/22 03:17	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	35271	09/23/22 12:03	KS	EET MID
Soluble	Analysis	300.0		1			35354	09/26/22 03:43	CH	EET MID

Laboratory References:

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

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

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. Job ID: 890-3028-1
Project/Site: Turkey Tract SDG: 22-0104-02

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

Protocol References:

ASTM = ASTM International

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:

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

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3028-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3028-1	C-10 2.5'	Solid	09/21/22 07:45	09/21/22 16:08	
890-3028-2	C-16 2'	Solid	09/21/22 07:50	09/21/22 16:08	
890-3028-3	C-22 3'	Solid	09/21/22 07:52	09/21/22 16:08	2.5'
890-3028-4	C-43 0-2'	Solid	09/21/22 07:55	09/21/22 16:08	2'
890-3028-5	C-24 3'	Solid	09/21/22 08:00	09/21/22 16:08	3'
890-3028-6	C-25 3'	Solid	09/21/22 08:02	09/21/22 16:08	0-2'
890-3028-7	C-30 3'	Solid	09/21/22 08:05	09/21/22 16:08	3'
890-3028-8	C-31 3'	Solid	09/21/22 08:06	09/21/22 16:08	3'
890-3028-9	C-32 3'	Solid	09/21/22 08:07	09/21/22 16:08	3'
890-3028-10	C-33 3'	Solid	09/21/22 08:10	09/21/22 16:08	3'
890-3028-11	C-34 3'	Solid	09/21/22 08:11	09/21/22 16:08	3'
890-3028-12	C-35 3'	Solid	09/21/22 08:12	09/21/22 16:08	3'
890-3028-13	C-26 3'	Solid	09/21/22 08:15	09/21/22 16:08	3'
890-3028-14	C-45 3'	Solid	09/21/22 12:15	09/21/22 16:08	3'
890-3028-15	C-46 3'	Solid	09/21/22 12:16	09/21/22 16:08	3'
890-3028-16	C-48 3'	Solid	09/21/22 00:00	09/21/22 16:08	3'
890-3028-17	C-49 3'	Solid	09/21/22 00:00	09/21/22 16:08	3'
890-3028-18	C-50 3'	Solid	09/21/22 00:00	09/21/22 16:08	3'

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890-3028 Chain of Custody

No. 2558

CHAIN-OF-CUSTODY

10/4/2022

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

Data Reported to:

DATE: 9/21/2022 PAGE 1 OF 2

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MNT / NM

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

PRESERVATION: HCl | HNO_3 | H_2SO_4 ☐ NaOH | ICE | UNPRESSERVED

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	TDS	TSS	FLASHPOINT	pH	% MOISTURE	HEXAVALENT CHROMIUM	CYANIDE	EXPLOSIVES	PECHLORATE	CHLORIDE	ANIONS	ALKALINITY	FIELD NOTES
C-10 2.5'		9/21/22	0745	S	1				X		X		X		X	X	X																															
C-11 2		"	0750	"	"				"		"		"		"	"	"																															
C-22 3		"	0752	"	"				"		"		"		"	"	"																															
C-43 0.2'		"	0755	"	"				"		"		"		"	"	"																															
C-24 3'		"	0800	"	"				"		"		"		"	"	"																															
C-25 3'		"	0802	"	"				"		"		"		"	"	"																															
C-30 3'		"	0805	"	"				"		"		"		"	"	"																															
C-31 3'		"	0806	"	"				"		"		"		"	"	"																															
C-32 3'		"	0807	"	"				"		"		"		"	"	"																															
C-33 3'		"	0810	"	"				"		"		"		"	"	"																															
C-34 3'		"	0811	"	"				"		"		"		"	"	"																															
C-35 3'		"	0812	"	"				"		"		"		"	"	"																															
C-26 3'		"	0815	"	"				"		"		"		"	"	"																															
C-45 3'		"	1215	"	"				"		"		"		"	"	"																															
C-46 3'		"	1216	"	"				"		"		"		"	"	"																															
TOTAL 15																																																

RELINQUISHED BY:(Signature) Daniel Stephenson DATE/TIME 9/21/2022 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) Amanda Bustos DATE/TIME 9/21/22 16:08 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: 3.4 / 3.2 THERM#: TIM-007 -0.2
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

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No. 2559

CHAIN-OF-CUSTODY

10/4/2022

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

DATE: 9/21/2022 PAGE 1 OF 2

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: Turkey Tract

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MNT / 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
C-48 3'		9/21/22		S	1				X		X		X	X	X																X		
C-49 3'		9/21/22		S	1				X		X		X	X	X																X		
C-50 3'		9/21/22		S	1				X		X		X	X	X																X		

TOTAL 3

RELINQUISHED BY:(Signature) Daniel Gomez DATE/TIME 9/21/22 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) Amanda Stuff DATE/TIME 9/21/22 16:08 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: 3.4/3.2 THERM#: TAM-007 -D.2
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3028-1
SDG Number: 22-0104-02

Login Number: 3028
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3028-1
SDG Number: 22-0104-02

Login Number: 3028
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 09/23/22 10:43 AM

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 Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3035-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Tract

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

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
10/5/2022 11:37:55 AM

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

LINKS
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Have a Question? Ask The Expert
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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

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

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 890-3035-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3035-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

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

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
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: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Job ID: 890-3035-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3035-1

Receipt
The samples were received on 9/22/2022 4:01 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 5.5°C

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-36056 and analytical batch 880-36027 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (LCS 880-36054/1-A) and (LCSD 880-36054/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: o-Xylene biased high in LCS. Since only an acceptable LCS or LCSD is required per the method, the data has been qualified and reported.(LCS 880-36054/1-A)

Method 8021B: Surrogate recovery for the following sample was outside control limits: C-54 3' (890-3035-4). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

GC Semi VOA
Method 8015MOD_NM: The method blank for preparation batch 880-35419 and analytical batch 880-35460 contained Diesel Range Organics (Over C10-C28) above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-35419 and analytical batch 880-35460 was outside control limits. Sample non-homogeneity is suspected.

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 880-35374 and analytical batch 880-35499 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: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-51 3'

Lab Sample ID: 890-3035-1
Matrix: Solid
Date Collected: 09/22/22 08:00
Date Received: 09/22/22 16:01
Sample Depth: 3'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/04/22 10:40	10/05/22 08:57	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/04/22 10:40	10/05/22 08:57	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/04/22 10:40	10/05/22 08:57	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/04/22 10:40	10/05/22 08:57	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		10/04/22 10:40	10/05/22 08:57	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/04/22 10:40	10/05/22 08:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/04/22 10:40*	*10/05/22 08:57*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/04/22 10:40*	*10/05/22 08:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/05/22 08:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/22 09:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 12:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 12:27	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*09/26/22 13:40*	*09/27/22 12:27*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*09/26/22 13:40*	*09/27/22 12:27*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.3**	**F1**	4.98		mg/Kg			09/27/22 14:51	1

Client Sample ID: C-52 3'

Lab Sample ID: 890-3035-2
Matrix: Solid
Date Collected: 09/22/22 08:01
Date Received: 09/22/22 16:01
Sample Depth: 3'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 10:40	10/05/22 09:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 10:40	10/05/22 09:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 10:40	10/05/22 09:17	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 10:40	10/05/22 09:17	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/04/22 10:40	10/05/22 09:17	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 10:40	10/05/22 09:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*10/04/22 10:40*	*10/05/22 09:17*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-52 3'

Date Collected: 09/22/22 08:01
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-2

Matrix: Solid

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

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/04/22 10:40*	*10/05/22 09:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			10/05/22 08:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			09/28/22 09:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		09/26/22 13:40	09/27/22 13:31	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		09/26/22 13:40	09/27/22 13:31	1
OII Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		09/26/22 13:40	09/27/22 13:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*09/26/22 13:40*	*09/27/22 13:31*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*09/26/22 13:40*	*09/27/22 13:31*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.8**		5.03	mg/Kg			09/27/22 15:06	1

Client Sample ID: C-53 3'

Date Collected: 09/22/22 08:02
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/04/22 10:40	10/05/22 09:38	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/04/22 10:40	10/05/22 09:38	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/04/22 10:40	10/05/22 09:38	1
m-Xylene & p-Xylene	<0.00399	U	0.00399	mg/Kg		10/04/22 10:40	10/05/22 09:38	1
o-Xylene	<0.00200	U *+	0.00200	mg/Kg		10/04/22 10:40	10/05/22 09:38	1
Xylenes, Total	<0.00399	U	0.00399	mg/Kg		10/04/22 10:40	10/05/22 09:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*128*		*70 - 130*	*10/04/22 10:40*	*10/05/22 09:38*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*10/04/22 10:40*	*10/05/22 09:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			10/05/22 08:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			09/28/22 09:15	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-53 3'

Date Collected: 09/22/22 08:02
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-3

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 13:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 13:52	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*09/26/22 13:40*	*09/27/22 13:52*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*09/26/22 13:40*	*09/27/22 13:52*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**76.4**		5.04		mg/Kg			09/27/22 15:10	1

Client Sample ID: C-54 3'

Date Collected: 09/22/22 08:10
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-4

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/04/22 10:40	10/05/22 09:58	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/04/22 10:40	10/05/22 09:58	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/04/22 10:40	10/05/22 09:58	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/04/22 10:40	10/05/22 09:58	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 10:40	10/05/22 09:58	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/04/22 10:40	10/05/22 09:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/04/22 10:40*	*10/05/22 09:58*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*10/04/22 10:40*	*10/05/22 09:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/05/22 08:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/22 09:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 14:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 14:14	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*09/26/22 13:40*	*09/27/22 14:14*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*09/26/22 13:40*	*09/27/22 14:14*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-54 3'

Lab Sample ID: 890-3035-4
Matrix: Solid
Date Collected: 09/22/22 08:10
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	73.0		4.97		mg/Kg			09/27/22 15:15	1

Client Sample ID: C-55 3'

Lab Sample ID: 890-3035-5
Matrix: Solid
Date Collected: 09/22/22 08:15
Date Received: 09/22/22 16:01
Sample Depth: 3'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 10:40	10/05/22 10:19	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 10:40	10/05/22 10:19	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 10:40	10/05/22 10:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 10:40	10/05/22 10:19	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		10/04/22 10:40	10/05/22 10:19	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 10:40	10/05/22 10:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/04/22 10:40*	*10/05/22 10:19*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*10/04/22 10:40*	*10/05/22 10:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/05/22 08:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.9		50.0		mg/Kg			09/28/22 09:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 14:35	1
Diesel Range Organics (Over C10-C28)	57.9		50.0		mg/Kg		09/26/22 13:40	09/27/22 14:35	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*09/26/22 13:40*	*09/27/22 14:35*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*09/26/22 13:40*	*09/27/22 14:35*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	128		4.95		mg/Kg			09/27/22 15:20	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-56 3'

Lab Sample ID: 890-3035-6
Matrix: Solid
Date Collected: 09/22/22 10:15
Date Received: 09/22/22 16:01
Sample Depth: 3'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/04/22 10:40	10/05/22 10:39	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/04/22 10:40	10/05/22 10:39	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/04/22 10:40	10/05/22 10:39	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/04/22 10:40	10/05/22 10:39	1
o-Xylene	<0.00202	U *+	0.00202		mg/Kg		10/04/22 10:40	10/05/22 10:39	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/04/22 10:40	10/05/22 10:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*10/04/22 10:40*	*10/05/22 10:39*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/04/22 10:40*	*10/05/22 10:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/05/22 08:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/22 09:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 14:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 14:57	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 14:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*09/26/22 13:40*	*09/27/22 14:57*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*09/26/22 13:40*	*09/27/22 14:57*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**178**		4.95		mg/Kg			09/27/22 15:35	1

Client Sample ID: C-57 3'

Lab Sample ID: 890-3035-7
Matrix: Solid
Date Collected: 09/22/22 10:16
Date Received: 09/22/22 16:01
Sample Depth: 3'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/04/22 22:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/04/22 22:58	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		10/04/22 13:19	10/04/22 22:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/04/22 13:19	10/04/22 22:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/04/22 22:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 13:19	10/04/22 22:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/04/22 13:19*	*10/04/22 22:58*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-57 3'

Date Collected: 09/22/22 10:16
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-7
Matrix: Solid

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

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/04/22 13:19*	*10/04/22 22:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			10/05/22 08:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			09/28/22 09:15	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		09/26/22 13:40	09/27/22 15:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		09/26/22 13:40	09/27/22 15:18	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/26/22 13:40	09/27/22 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*103*		*70 - 130*	*09/26/22 13:40*	*09/27/22 15:18*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*09/26/22 13:40*	*09/27/22 15:18*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**59.0**		4.99	mg/Kg			09/27/22 15:40	1

Client Sample ID: C-58 3'

Date Collected: 09/22/22 10:17
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-8
Matrix: Solid

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		10/04/22 13:19	10/04/22 23:19	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/04/22 13:19	10/04/22 23:19	1
Ethylbenzene	<0.00201	U *-	0.00201	mg/Kg		10/04/22 13:19	10/04/22 23:19	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/04/22 13:19	10/04/22 23:19	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/04/22 13:19	10/04/22 23:19	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/04/22 13:19	10/04/22 23:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*10/04/22 13:19*	*10/04/22 23:19*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/04/22 13:19*	*10/04/22 23:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			10/05/22 08:42	1

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

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			09/28/22 09:15	1

Eurofins Carlsbad

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-58 3'

Date Collected: 09/22/22 10:17
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-8

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 15:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 15:39	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*09/26/22 13:40*	*09/27/22 15:39*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*09/26/22 13:40*	*09/27/22 15:39*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**83.4**		5.01		mg/Kg			09/27/22 15:44	1

Client Sample ID: C-59 3'

Date Collected: 09/22/22 10:18
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-9

Matrix: Solid

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/04/22 23:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/04/22 23:39	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		10/04/22 13:19	10/04/22 23:39	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/22 13:19	10/04/22 23:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/04/22 23:39	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/22 13:19	10/04/22 23:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*10/04/22 13:19*	*10/04/22 23:39*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*10/04/22 13:19*	*10/04/22 23:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/05/22 08:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/22 09:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 16:00	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 16:00	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*09/26/22 13:40*	*09/27/22 16:00*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*09/26/22 13:40*	*09/27/22 16:00*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-59 3'

Lab Sample ID: 890-3035-9
Matrix: Solid
Date Collected: 09/22/22 10:18
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.2		5.03		mg/Kg			09/27/22 15:50	1

Client Sample ID: C-61 3'

Lab Sample ID: 890-3035-10
Matrix: Solid
Date Collected: 09/22/22 10:19
Date Received: 09/22/22 16:01
Sample Depth: 3'

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 13:19	10/05/22 00:00	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 13:19	10/05/22 00:00	1
Ethylbenzene	<0.00199	U *-	0.00199		mg/Kg		10/04/22 13:19	10/05/22 00:00	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 13:19	10/05/22 00:00	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 13:19	10/05/22 00:00	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 13:19	10/05/22 00:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/04/22 13:19*	*10/05/22 00:00*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/04/22 13:19*	*10/05/22 00:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/05/22 08:42	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/22 09:15	1

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

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 16:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 16:22	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 16:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*09/26/22 13:40*	*09/27/22 16:22*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*09/26/22 13:40*	*09/27/22 16:22*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	85.0		4.96		mg/Kg			09/27/22 15:54	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-62 3'

Lab Sample ID: 890-3035-11
Matrix: Solid
Date Collected: 09/22/22 11:45
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/04/22 13:19	10/05/22 00:21	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/04/22 13:19	10/05/22 00:21	1
Ethylbenzene	<0.00198	U *-	0.00198		mg/Kg		10/04/22 13:19	10/05/22 00:21	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/04/22 13:19	10/05/22 00:21	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/04/22 13:19	10/05/22 00:21	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/04/22 13:19	10/05/22 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/04/22 13:19*	*10/05/22 00:21*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/04/22 13:19*	*10/05/22 00:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**52.5**		49.9		mg/Kg			09/28/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 17:04	1
Diesel Range Organics (Over C10-C28)	**52.5**		49.9		mg/Kg		09/26/22 13:40	09/27/22 17:04	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 17:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*09/26/22 13:40*	*09/27/22 17:04*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*09/26/22 13:40*	*09/27/22 17:04*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**114**		4.98		mg/Kg			09/27/22 15:59	1

Client Sample ID: C-63 3'

Lab Sample ID: 890-3035-12
Matrix: Solid
Date Collected: 09/22/22 11:46
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 13:19	10/05/22 00:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 13:19	10/05/22 00:42	1
Ethylbenzene	<0.00201	U *-	0.00201		mg/Kg		10/04/22 13:19	10/05/22 00:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 13:19	10/05/22 00:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 13:19	10/05/22 00:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 13:19	10/05/22 00:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/04/22 13:19*	*10/05/22 00:42*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-63 3'

Date Collected: 09/22/22 11:46
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-12

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/04/22 13:19*	*10/05/22 00:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			09/28/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		09/26/22 13:40	09/27/22 17:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		09/26/22 13:40	09/27/22 17:25	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		09/26/22 13:40	09/27/22 17:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*09/26/22 13:40*	*09/27/22 17:25*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*09/26/22 13:40*	*09/27/22 17:25*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.4**		4.95	mg/Kg			09/27/22 16:14	1

Client Sample ID: C-64 3'

Date Collected: 09/22/22 11:47
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-13

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		10/04/22 13:19	10/05/22 01:02	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/04/22 13:19	10/05/22 01:02	1
Ethylbenzene	<0.00199	U *-	0.00199	mg/Kg		10/04/22 13:19	10/05/22 01:02	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/04/22 13:19	10/05/22 01:02	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/04/22 13:19	10/05/22 01:02	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/04/22 13:19	10/05/22 01:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*10/04/22 13:19*	*10/05/22 01:02*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/04/22 13:19*	*10/05/22 01:02*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			09/28/22 09:15	1

Eurofins Carlsbad

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-64 3'

Lab Sample ID: 890-3035-13
Matrix: Solid
Date Collected: 09/22/22 11:47
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 17:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 17:46	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*09/26/22 13:40*	*09/27/22 17:46*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*09/26/22 13:40*	*09/27/22 17:46*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.0**		4.97		mg/Kg			09/27/22 16:19	1

Client Sample ID: C-65 3'

Lab Sample ID: 890-3035-14
Matrix: Solid
Date Collected: 09/22/22 11:48
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/04/22 13:19	10/05/22 01:23	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/04/22 13:19	10/05/22 01:23	1
Ethylbenzene	<0.00198	U *-	0.00198		mg/Kg		10/04/22 13:19	10/05/22 01:23	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/04/22 13:19	10/05/22 01:23	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/04/22 13:19	10/05/22 01:23	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/04/22 13:19	10/05/22 01:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*10/04/22 13:19*	*10/05/22 01:23*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/04/22 13:19*	*10/05/22 01:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 18:08	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 18:08	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 18:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*09/26/22 13:40*	*09/27/22 18:08*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*09/26/22 13:40*	*09/27/22 18:08*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-65 3'

Lab Sample ID: 890-3035-14
Matrix: Solid
Date Collected: 09/22/22 11:48
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	69.9		5.02		mg/Kg			09/27/22 16:33	1

Client Sample ID: C-66 3'

Lab Sample ID: 890-3035-15
Matrix: Solid
Date Collected: 09/22/22 11:49
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/05/22 01:44	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/05/22 01:44	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		10/04/22 13:19	10/05/22 01:44	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/22 13:19	10/05/22 01:44	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/05/22 01:44	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/22 13:19	10/05/22 01:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*10/04/22 13:19*	*10/05/22 01:44*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/04/22 13:19*	*10/05/22 01:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 18:29	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 18:29	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 18:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*09/26/22 13:40*	*09/27/22 18:29*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*09/26/22 13:40*	*09/27/22 18:29*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	29.1		5.00		mg/Kg			09/27/22 16:38	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-68 3'

Lab Sample ID: 890-3035-16
Matrix: Solid
Date Collected: 09/22/22 11:50
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/04/22 13:19	10/05/22 02:05	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/04/22 13:19	10/05/22 02:05	1
Ethylbenzene	<0.00202	U *-	0.00202		mg/Kg		10/04/22 13:19	10/05/22 02:05	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/04/22 13:19	10/05/22 02:05	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/04/22 13:19	10/05/22 02:05	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/04/22 13:19	10/05/22 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*10/04/22 13:19*	*10/05/22 02:05*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/04/22 13:19*	*10/05/22 02:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 18:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 18:50	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 18:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*09/26/22 13:40*	*09/27/22 18:50*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*09/26/22 13:40*	*09/27/22 18:50*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.0**		5.00		mg/Kg			09/27/22 16:43	1

Client Sample ID: C-69 3'

Lab Sample ID: 890-3035-17
Matrix: Solid
Date Collected: 09/22/22 12:50
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/05/22 03:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/05/22 03:29	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		10/04/22 13:19	10/05/22 03:29	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/22 13:19	10/05/22 03:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/05/22 03:29	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/22 13:19	10/05/22 03:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/04/22 13:19*	*10/05/22 03:29*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-69 3'

Lab Sample ID: 890-3035-17
Matrix: Solid
Date Collected: 09/22/22 12:50
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/04/22 13:19*	*10/05/22 03:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			09/28/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		09/26/22 13:40	09/27/22 19:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		09/26/22 13:40	09/27/22 19:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/26/22 13:40	09/27/22 19:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*09/26/22 13:40*	*09/27/22 19:11*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*09/26/22 13:40*	*09/27/22 19:11*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.0**		5.03	mg/Kg			09/27/22 16:48	1

Client Sample ID: C-70 3'

Lab Sample ID: 890-3035-18
Matrix: Solid
Date Collected: 09/22/22 12:51
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		10/04/22 13:19	10/05/22 03:50	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/04/22 13:19	10/05/22 03:50	1
Ethylbenzene	<0.00199	U *-	0.00199	mg/Kg		10/04/22 13:19	10/05/22 03:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/04/22 13:19	10/05/22 03:50	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/04/22 13:19	10/05/22 03:50	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/04/22 13:19	10/05/22 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*10/04/22 13:19*	*10/05/22 03:50*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/04/22 13:19*	*10/05/22 03:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			09/28/22 09:15	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 890-3035-1
Project/Site: Turkey Tract SDG: 22-0104-02

Client Sample ID: C-70 3'
Lab Sample ID: 890-3035-18
Date Collected: 09/22/22 12:51 **Matrix: Solid**
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 19:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 19:33	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 19:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*09/26/22 13:40*	*09/27/22 19:33*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*09/26/22 13:40*	*09/27/22 19:33*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		5.04		mg/Kg			09/27/22 16:53	1

Client Sample ID: C-71 3'
Lab Sample ID: 890-3035-19
Date Collected: 09/22/22 12:52 **Matrix: Solid**
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 13:19	10/05/22 04:10	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 13:19	10/05/22 04:10	1
Ethylbenzene	<0.00201	U *-	0.00201		mg/Kg		10/04/22 13:19	10/05/22 04:10	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/04/22 13:19	10/05/22 04:10	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 13:19	10/05/22 04:10	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 13:19	10/05/22 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*10/04/22 13:19*	*10/05/22 04:10*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/04/22 13:19*	*10/05/22 04:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 19:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 19:54	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 19:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*09/26/22 13:40*	*09/27/22 19:54*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*09/26/22 13:40*	*09/27/22 19:54*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-71 3'

Lab Sample ID: 890-3035-19
Matrix: Solid
Date Collected: 09/22/22 12:52
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.2		4.96		mg/Kg			09/27/22 16:58	1

Client Sample ID: C-72 3'

Lab Sample ID: 890-3035-20
Matrix: Solid
Date Collected: 09/22/22 12:53
Date Received: 09/22/22 16:01
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/05/22 04:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/05/22 04:31	1
Ethylbenzene	<0.00200	U *-	0.00200		mg/Kg		10/04/22 13:19	10/05/22 04:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/04/22 13:19	10/05/22 04:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/05/22 04:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/04/22 13:19	10/05/22 04:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*10/04/22 13:19*	*10/05/22 04:31*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/04/22 13:19*	*10/05/22 04:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 20:15	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 20:15	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/26/22 13:40	09/27/22 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*09/26/22 13:40*	*09/27/22 20:15*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*09/26/22 13:40*	*09/27/22 20:15*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.2		4.97		mg/Kg			09/27/22 17:02	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-73 3'

Date Collected: 09/22/22 12:54
Date Received: 09/22/22 16:01
Sample Depth: 3'

Lab Sample ID: 890-3035-21

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 13:19	10/05/22 04:52	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 13:19	10/05/22 04:52	1
Ethylbenzene	<0.00199	U *-	0.00199		mg/Kg		10/04/22 13:19	10/05/22 04:52	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/04/22 13:19	10/05/22 04:52	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 13:19	10/05/22 04:52	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 13:19	10/05/22 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/04/22 13:19*	*10/05/22 04:52*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/04/22 13:19*	*10/05/22 04:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/05/22 08:42	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	50.0		mg/Kg		09/26/22 13:43	09/27/22 12:27	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 13:43	09/27/22 12:27	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:43	09/27/22 12:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*09/26/22 13:43*	*09/27/22 12:27*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*09/26/22 13:43*	*09/27/22 12:27*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.3**		5.02		mg/Kg			09/27/22 19:42	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

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)
890-3035-1	C-51 3'	122	82
890-3035-2	C-52 3'	119	79
890-3035-3	C-53 3'	128	85
890-3035-4	C-54 3'	149 S1+	74
890-3035-5	C-55 3'	122	79
890-3035-6	C-56 3'	125	82
890-3035-7	C-57 3'	115	87
890-3035-7 MS	C-57 3'	96	96
890-3035-7 MSD	C-57 3'	98	100
890-3035-8	C-58 3'	116	101
890-3035-9	C-59 3'	129	103
890-3035-10	C-61 3'	122	100
890-3035-11	C-62 3'	123	101
890-3035-12	C-63 3'	117	100
890-3035-13	C-64 3'	120	99
890-3035-14	C-65 3'	125	101
890-3035-15	C-66 3'	130	100
890-3035-16	C-68 3'	120	99
890-3035-17	C-69 3'	112	88
890-3035-18	C-70 3'	121	104
890-3035-19	C-71 3'	121	101
890-3035-20	C-72 3'	119	100
890-3035-21	C-73 3'	123	98
LCS 880-36054/1-A	Lab Control Sample	148 S1+	99
LCS 880-36056/1-A	Lab Control Sample	92	96
LCSD 880-36054/2-A	Lab Control Sample Dup	136 S1+	105
LCSD 880-36056/2-A	Lab Control Sample Dup	93	96
MB 880-35824/5-A	Method Blank	94	82
MB 880-36054/5-A	Method Blank	115	87
MB 880-36056/5-A	Method Blank	99	84
MB 880-36057/8	Method Blank	110	87

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-3035-1	C-51 3'	108	109
890-3035-1 MS	C-51 3'	87	86
890-3035-1 MSD	C-51 3'	87	87
890-3035-2	C-52 3'	106	106
890-3035-3	C-53 3'	105	109
890-3035-4	C-54 3'	107	113
890-3035-5	C-55 3'	99	101
890-3035-6	C-56 3'	99	103

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 890-3035-1
Project/Site: Turkey Tract SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
890-3035-7	C-57 3'	103	104										
890-3035-8	C-58 3'	100	103										
890-3035-9	C-59 3'	105	110										
890-3035-10	C-61 3'	115	115										
890-3035-11	C-62 3'	99	107										
890-3035-12	C-63 3'	104	111										
890-3035-13	C-64 3'	102	102										
890-3035-14	C-65 3'	93	93										
890-3035-15	C-66 3'	115	113										
890-3035-16	C-68 3'	98	100										
890-3035-17	C-69 3'	98	102										
890-3035-18	C-70 3'	103	111										
890-3035-19	C-71 3'	107	114										
890-3035-20	C-72 3'	104	105										
890-3035-21	C-73 3'	100	112										
890-3035-21 MS	C-73 3'	80	81										
890-3035-21 MSD	C-73 3'	93	89										
LCS 880-35418/2-A	Lab Control Sample	113	121										
LCS 880-35419/2-A	Lab Control Sample	101	109										
LCSD 880-35418/3-A	Lab Control Sample Dup	105	110										
LCSD 880-35419/3-A	Lab Control Sample Dup	114	127										
MB 880-35418/1-A	Method Blank	104	110										
MB 880-35419/1-A	Method Blank	95	105										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-35824/5-A
Matrix: Solid
Analysis Batch: 36027

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35824

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		09/30/22 14:51	10/04/22 11:52	1
Toluene	<0.00200	U	0.00200		mg/Kg		09/30/22 14:51	10/04/22 11:52	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		09/30/22 14:51	10/04/22 11:52	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		09/30/22 14:51	10/04/22 11:52	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		09/30/22 14:51	10/04/22 11:52	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		09/30/22 14:51	10/04/22 11:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*09/30/22 14:51*	*10/04/22 11:52*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*09/30/22 14:51*	*10/04/22 11:52*	*1*

Lab Sample ID: MB 880-36054/5-A
Matrix: Solid
Analysis Batch: 36057

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36054

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 10:40	10/05/22 02:47	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 10:40	10/05/22 02:47	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 10:40	10/05/22 02:47	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/22 10:40	10/05/22 02:47	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 10:40	10/05/22 02:47	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/22 10:40	10/05/22 02:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/04/22 10:40*	*10/05/22 02:47*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/04/22 10:40*	*10/05/22 02:47*	*1*

Lab Sample ID: LCS 880-36054/1-A
Matrix: Solid
Analysis Batch: 36057

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36054

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1005		mg/Kg		101	70 - 130		
Toluene			0.100	0.09908		mg/Kg		99	70 - 130		
Ethylbenzene			0.100	0.1121		mg/Kg		112	70 - 130		
m-Xylene & p-Xylene			0.200	0.2392		mg/Kg		120	70 - 130		
o-Xylene			0.100	0.1396	*+	mg/Kg		140	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-36054/2-A
Matrix: Solid
Analysis Batch: 36057

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36054

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09127		mg/Kg		91	70 - 130	10	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-36054/2-A
Matrix: Solid
Analysis Batch: 36057

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36054

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08286		mg/Kg		83	70 - 130	18	35
Ethylbenzene			0.100	0.08919		mg/Kg		89	70 - 130	23	35
m-Xylene & p-Xylene			0.200	0.1822		mg/Kg		91	70 - 130	27	35
o-Xylene			0.100	0.1078		mg/Kg		108	70 - 130	26	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*136*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*

Lab Sample ID: MB 880-36056/5-A
Matrix: Solid
Analysis Batch: 36027

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36056

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/04/22 22:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/04/22 22:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/04/22 22:36	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/04/22 13:19	10/04/22 22:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 13:19	10/04/22 22:36	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/22 13:19	10/04/22 22:36	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*10/04/22 13:19*	*10/04/22 22:36*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/04/22 13:19*	*10/04/22 22:36*	*1*

Lab Sample ID: LCS 880-36056/1-A
Matrix: Solid
Analysis Batch: 36027

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36056

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09530		mg/Kg		95	70 - 130		
Toluene			0.100	0.09639		mg/Kg		96	70 - 130		
Ethylbenzene			0.100	0.08932		mg/Kg		89	70 - 130		
m-Xylene & p-Xylene			0.200	0.1860		mg/Kg		93	70 - 130		
o-Xylene			0.100	0.09577		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: LCSD 880-36056/2-A
Matrix: Solid
Analysis Batch: 36027

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36056

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.07421		mg/Kg		74	70 - 130	25	35
Toluene			0.100	0.07531		mg/Kg		75	70 - 130	25	35
Ethylbenzene			0.100	0.06896	*-	mg/Kg		69	70 - 130	26	35

Eurofins Carlsbad

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-36056/2-A
Matrix: Solid
Analysis Batch: 36027

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36056

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene			0.200	0.1479		mg/Kg		74	70 - 130	23	35
o-Xylene			0.100	0.07794		mg/Kg		78	70 - 130	21	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-3035-7 MS
Matrix: Solid
Analysis Batch: 36027

Client Sample ID: C-57 3'
Prep Type: Total/NA
Prep Batch: 36056

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00200	U	0.101	0.08651		mg/Kg		86	70 - 130
Toluene	<0.00200	U	0.101	0.08737		mg/Kg		86	70 - 130
Ethylbenzene	<0.00200	U *-	0.101	0.07214		mg/Kg		72	70 - 130
m-Xylene & p-Xylene	<0.00399	U	0.202	0.1644		mg/Kg		82	70 - 130
o-Xylene	<0.00200	U	0.101	0.08302		mg/Kg		82	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-3035-7 MSD
Matrix: Solid
Analysis Batch: 36027

Client Sample ID: C-57 3'
Prep Type: Total/NA
Prep Batch: 36056

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.1042		mg/Kg		105	70 - 130	19	35
Toluene	<0.00200	U	0.0994	0.1038		mg/Kg		104	70 - 130	17	35
Ethylbenzene	<0.00200	U *-	0.0994	0.08609		mg/Kg		87	70 - 130	18	35
m-Xylene & p-Xylene	<0.00399	U	0.199	0.1973		mg/Kg		99	70 - 130	18	35
o-Xylene	<0.00200	U	0.0994	0.1005		mg/Kg		101	70 - 130	19	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-36057/8
Matrix: Solid
Analysis Batch: 36057

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			10/04/22 16:12	1
Toluene	<0.00200	U	0.00200		mg/Kg			10/04/22 16:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			10/04/22 16:12	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			10/04/22 16:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			10/04/22 16:12	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			10/04/22 16:12	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	110		70 - 130		10/04/22 16:12	1
1,4-Difluorobenzene (Surr)	87		70 - 130		10/04/22 16:12	1

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-35418/1-A
Matrix: Solid
Analysis Batch: 35458

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35418

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		09/26/22 13:40	09/27/22 11:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 11:23	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:40	09/27/22 11:23	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	104		70 - 130	09/26/22 13:40	09/27/22 11:23	1
o-Terphenyl (Surr)	110		70 - 130	09/26/22 13:40	09/27/22 11:23	1

Lab Sample ID: LCS 880-35418/2-A
Matrix: Solid
Analysis Batch: 35458

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35418

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	894.7		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1170		mg/Kg		117	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	113		70 - 130
o-Terphenyl (Surr)	121		70 - 130

Lab Sample ID: LCSD 880-35418/3-A
Matrix: Solid
Analysis Batch: 35458

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35418

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	808.1		mg/Kg		81	70 - 130	10	20
Diesel Range Organics (Over C10-C28)			1000	1061		mg/Kg		106	70 - 130	10	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	110		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-3035-1 MS
Matrix: Solid
Analysis Batch: 35458

Client Sample ID: C-51 3'
Prep Type: Total/NA
Prep Batch: 35418

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	798.6		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	982.6		mg/Kg		98	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*87*		*70 - 130*
o-Terphenyl (Surr)	*86*		*70 - 130*

Lab Sample ID: 890-3035-1 MSD
Matrix: Solid
Analysis Batch: 35458

Client Sample ID: C-51 3'
Prep Type: Total/NA
Prep Batch: 35418

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	802.5		mg/Kg		79	70 - 130	0	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	996.2		mg/Kg		100	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*87*		*70 - 130*
o-Terphenyl (Surr)	*87*		*70 - 130*

Lab Sample ID: MB 880-35419/1-A
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35419

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		09/26/22 13:43	09/27/22 11:23	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/26/22 13:43	09/27/22 11:23	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/26/22 13:43	09/27/22 11:23	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*09/26/22 13:43*	*09/27/22 11:23*	*1*
o-Terphenyl (Surr)	*105*		*70 - 130*	*09/26/22 13:43*	*09/27/22 11:23*	*1*

Lab Sample ID: LCS 880-35419/2-A
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35419

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	870.5		mg/Kg		87	70 - 130
Diesel Range Organics (Over C10-C28)	1000	909.2		mg/Kg		91	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-35419/2-A
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35419

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	101		70 - 130
o-Terphenyl (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-35419/3-A
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35419

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	897.3		mg/Kg		90	70 - 130	3	20
Diesel Range Organics (Over C10-C28)			1000	1059		mg/Kg		106	70 - 130	15	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	114		70 - 130
o-Terphenyl (Surr)	127		70 - 130

Lab Sample ID: 890-3035-21 MS
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: C-73 3'
Prep Type: Total/NA
Prep Batch: 35419

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	998	822.9		mg/Kg		81	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	972.9		mg/Kg		96	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	80		70 - 130
o-Terphenyl (Surr)	81		70 - 130

Lab Sample ID: 890-3035-21 MSD
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: C-73 3'
Prep Type: Total/NA
Prep Batch: 35419

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	999	1031	F2	mg/Kg		102	70 - 130	22	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1106		mg/Kg		109	70 - 130	13	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	93		70 - 130
o-Terphenyl (Surr)	89		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-35176/1-A
Matrix: Solid
Analysis Batch: 35498

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			09/27/22 17:27	1

Lab Sample ID: LCS 880-35176/2-A
Matrix: Solid
Analysis Batch: 35498

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	238.2		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-35176/3-A
Matrix: Solid
Analysis Batch: 35498

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	239.4		mg/Kg		96	90 - 110	1	20

Lab Sample ID: MB 880-35374/1-A
Matrix: Solid
Analysis Batch: 35499

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			09/27/22 14:37	1

Lab Sample ID: LCS 880-35374/2-A
Matrix: Solid
Analysis Batch: 35499

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	237.8		mg/Kg		95	90 - 110		

Lab Sample ID: LCSD 880-35374/3-A
Matrix: Solid
Analysis Batch: 35499

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	239.3		mg/Kg		96	90 - 110	1	20

Lab Sample ID: 890-3035-1 MS
Matrix: Solid
Analysis Batch: 35499

Client Sample ID: C-51 3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	87.3	F1	249	301.0	F1	mg/Kg		86	90 - 110		

Lab Sample ID: 890-3035-1 MSD
Matrix: Solid
Analysis Batch: 35499

Client Sample ID: C-51 3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	87.3	F1	249	302.1	F1	mg/Kg		86	90 - 110	0	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3035-11 MS
Matrix: Solid
Analysis Batch: 35499

Client Sample ID: C-62 3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	114		249	355.2		mg/Kg		97	90 - 110		

Lab Sample ID: 890-3035-11 MSD
Matrix: Solid
Analysis Batch: 35499

Client Sample ID: C-62 3'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	114		249	354.3		mg/Kg		97	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

GC VOA

Prep Batch: 35824

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-35824/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 36027

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-7	C-57 3'	Total/NA	Solid	8021B	36056
890-3035-8	C-58 3'	Total/NA	Solid	8021B	36056
890-3035-9	C-59 3'	Total/NA	Solid	8021B	36056
890-3035-10	C-61 3'	Total/NA	Solid	8021B	36056
890-3035-11	C-62 3'	Total/NA	Solid	8021B	36056
890-3035-12	C-63 3'	Total/NA	Solid	8021B	36056
890-3035-13	C-64 3'	Total/NA	Solid	8021B	36056
890-3035-14	C-65 3'	Total/NA	Solid	8021B	36056
890-3035-15	C-66 3'	Total/NA	Solid	8021B	36056
890-3035-16	C-68 3'	Total/NA	Solid	8021B	36056
890-3035-17	C-69 3'	Total/NA	Solid	8021B	36056
890-3035-18	C-70 3'	Total/NA	Solid	8021B	36056
890-3035-19	C-71 3'	Total/NA	Solid	8021B	36056
890-3035-20	C-72 3'	Total/NA	Solid	8021B	36056
890-3035-21	C-73 3'	Total/NA	Solid	8021B	36056
MB 880-35824/5-A	Method Blank	Total/NA	Solid	8021B	35824
MB 880-36056/5-A	Method Blank	Total/NA	Solid	8021B	36056
LCS 880-36056/1-A	Lab Control Sample	Total/NA	Solid	8021B	36056
LCSD 880-36056/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36056
890-3035-7 MS	C-57 3'	Total/NA	Solid	8021B	36056
890-3035-7 MSD	C-57 3'	Total/NA	Solid	8021B	36056

Prep Batch: 36054

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-1	C-51 3'	Total/NA	Solid	5035	
890-3035-2	C-52 3'	Total/NA	Solid	5035	
890-3035-3	C-53 3'	Total/NA	Solid	5035	
890-3035-4	C-54 3'	Total/NA	Solid	5035	
890-3035-5	C-55 3'	Total/NA	Solid	5035	
890-3035-6	C-56 3'	Total/NA	Solid	5035	
MB 880-36054/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36054/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36054/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Prep Batch: 36056

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-7	C-57 3'	Total/NA	Solid	5035	
890-3035-8	C-58 3'	Total/NA	Solid	5035	
890-3035-9	C-59 3'	Total/NA	Solid	5035	
890-3035-10	C-61 3'	Total/NA	Solid	5035	
890-3035-11	C-62 3'	Total/NA	Solid	5035	
890-3035-12	C-63 3'	Total/NA	Solid	5035	
890-3035-13	C-64 3'	Total/NA	Solid	5035	
890-3035-14	C-65 3'	Total/NA	Solid	5035	
890-3035-15	C-66 3'	Total/NA	Solid	5035	
890-3035-16	C-68 3'	Total/NA	Solid	5035	
890-3035-17	C-69 3'	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

GC VOA (Continued)

Prep Batch: 36056 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-18	C-70 3'	Total/NA	Solid	5035	
890-3035-19	C-71 3'	Total/NA	Solid	5035	
890-3035-20	C-72 3'	Total/NA	Solid	5035	
890-3035-21	C-73 3'	Total/NA	Solid	5035	
MB 880-36056/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36056/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36056/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3035-7 MS	C-57 3'	Total/NA	Solid	5035	
890-3035-7 MSD	C-57 3'	Total/NA	Solid	5035	

Analysis Batch: 36057

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-1	C-51 3'	Total/NA	Solid	8021B	36054
890-3035-2	C-52 3'	Total/NA	Solid	8021B	36054
890-3035-3	C-53 3'	Total/NA	Solid	8021B	36054
890-3035-4	C-54 3'	Total/NA	Solid	8021B	36054
890-3035-5	C-55 3'	Total/NA	Solid	8021B	36054
890-3035-6	C-56 3'	Total/NA	Solid	8021B	36054
MB 880-36054/5-A	Method Blank	Total/NA	Solid	8021B	36054
MB 880-36057/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-36054/1-A	Lab Control Sample	Total/NA	Solid	8021B	36054
LCSD 880-36054/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36054

Analysis Batch: 36125

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-1	C-51 3'	Total/NA	Solid	Total BTEX	
890-3035-2	C-52 3'	Total/NA	Solid	Total BTEX	
890-3035-3	C-53 3'	Total/NA	Solid	Total BTEX	
890-3035-4	C-54 3'	Total/NA	Solid	Total BTEX	
890-3035-5	C-55 3'	Total/NA	Solid	Total BTEX	
890-3035-6	C-56 3'	Total/NA	Solid	Total BTEX	
890-3035-7	C-57 3'	Total/NA	Solid	Total BTEX	
890-3035-8	C-58 3'	Total/NA	Solid	Total BTEX	
890-3035-9	C-59 3'	Total/NA	Solid	Total BTEX	
890-3035-10	C-61 3'	Total/NA	Solid	Total BTEX	
890-3035-11	C-62 3'	Total/NA	Solid	Total BTEX	
890-3035-12	C-63 3'	Total/NA	Solid	Total BTEX	
890-3035-13	C-64 3'	Total/NA	Solid	Total BTEX	
890-3035-14	C-65 3'	Total/NA	Solid	Total BTEX	
890-3035-15	C-66 3'	Total/NA	Solid	Total BTEX	
890-3035-16	C-68 3'	Total/NA	Solid	Total BTEX	
890-3035-17	C-69 3'	Total/NA	Solid	Total BTEX	
890-3035-18	C-70 3'	Total/NA	Solid	Total BTEX	
890-3035-19	C-71 3'	Total/NA	Solid	Total BTEX	
890-3035-20	C-72 3'	Total/NA	Solid	Total BTEX	
890-3035-21	C-73 3'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

GC Semi VOA

Prep Batch: 35418

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-1	C-51 3'	Total/NA	Solid	8015NM Prep	
890-3035-2	C-52 3'	Total/NA	Solid	8015NM Prep	
890-3035-3	C-53 3'	Total/NA	Solid	8015NM Prep	
890-3035-4	C-54 3'	Total/NA	Solid	8015NM Prep	
890-3035-5	C-55 3'	Total/NA	Solid	8015NM Prep	
890-3035-6	C-56 3'	Total/NA	Solid	8015NM Prep	
890-3035-7	C-57 3'	Total/NA	Solid	8015NM Prep	
890-3035-8	C-58 3'	Total/NA	Solid	8015NM Prep	
890-3035-9	C-59 3'	Total/NA	Solid	8015NM Prep	
890-3035-10	C-61 3'	Total/NA	Solid	8015NM Prep	
890-3035-11	C-62 3'	Total/NA	Solid	8015NM Prep	
890-3035-12	C-63 3'	Total/NA	Solid	8015NM Prep	
890-3035-13	C-64 3'	Total/NA	Solid	8015NM Prep	
890-3035-14	C-65 3'	Total/NA	Solid	8015NM Prep	
890-3035-15	C-66 3'	Total/NA	Solid	8015NM Prep	
890-3035-16	C-68 3'	Total/NA	Solid	8015NM Prep	
890-3035-17	C-69 3'	Total/NA	Solid	8015NM Prep	
890-3035-18	C-70 3'	Total/NA	Solid	8015NM Prep	
890-3035-19	C-71 3'	Total/NA	Solid	8015NM Prep	
890-3035-20	C-72 3'	Total/NA	Solid	8015NM Prep	
MB 880-35418/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35418/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35418/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3035-1 MS	C-51 3'	Total/NA	Solid	8015NM Prep	
890-3035-1 MSD	C-51 3'	Total/NA	Solid	8015NM Prep	

Prep Batch: 35419

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-21	C-73 3'	Total/NA	Solid	8015NM Prep	
MB 880-35419/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35419/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35419/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3035-21 MS	C-73 3'	Total/NA	Solid	8015NM Prep	
890-3035-21 MSD	C-73 3'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35458

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-1	C-51 3'	Total/NA	Solid	8015B NM	35418
890-3035-2	C-52 3'	Total/NA	Solid	8015B NM	35418
890-3035-3	C-53 3'	Total/NA	Solid	8015B NM	35418
890-3035-4	C-54 3'	Total/NA	Solid	8015B NM	35418
890-3035-5	C-55 3'	Total/NA	Solid	8015B NM	35418
890-3035-6	C-56 3'	Total/NA	Solid	8015B NM	35418
890-3035-7	C-57 3'	Total/NA	Solid	8015B NM	35418
890-3035-8	C-58 3'	Total/NA	Solid	8015B NM	35418
890-3035-9	C-59 3'	Total/NA	Solid	8015B NM	35418
890-3035-10	C-61 3'	Total/NA	Solid	8015B NM	35418
890-3035-11	C-62 3'	Total/NA	Solid	8015B NM	35418
890-3035-12	C-63 3'	Total/NA	Solid	8015B NM	35418
890-3035-13	C-64 3'	Total/NA	Solid	8015B NM	35418
890-3035-14	C-65 3'	Total/NA	Solid	8015B NM	35418

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 35458 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-15	C-66 3'	Total/NA	Solid	8015B NM	35418
890-3035-16	C-68 3'	Total/NA	Solid	8015B NM	35418
890-3035-17	C-69 3'	Total/NA	Solid	8015B NM	35418
890-3035-18	C-70 3'	Total/NA	Solid	8015B NM	35418
890-3035-19	C-71 3'	Total/NA	Solid	8015B NM	35418
890-3035-20	C-72 3'	Total/NA	Solid	8015B NM	35418
MB 880-35418/1-A	Method Blank	Total/NA	Solid	8015B NM	35418
LCS 880-35418/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35418
LCSD 880-35418/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35418
890-3035-1 MS	C-51 3'	Total/NA	Solid	8015B NM	35418
890-3035-1 MSD	C-51 3'	Total/NA	Solid	8015B NM	35418

Analysis Batch: 35460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-21	C-73 3'	Total/NA	Solid	8015B NM	35419
MB 880-35419/1-A	Method Blank	Total/NA	Solid	8015B NM	35419
LCS 880-35419/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35419
LCSD 880-35419/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35419
890-3035-21 MS	C-73 3'	Total/NA	Solid	8015B NM	35419
890-3035-21 MSD	C-73 3'	Total/NA	Solid	8015B NM	35419

Analysis Batch: 35561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-1	C-51 3'	Total/NA	Solid	8015 NM	
890-3035-2	C-52 3'	Total/NA	Solid	8015 NM	
890-3035-3	C-53 3'	Total/NA	Solid	8015 NM	
890-3035-4	C-54 3'	Total/NA	Solid	8015 NM	
890-3035-5	C-55 3'	Total/NA	Solid	8015 NM	
890-3035-6	C-56 3'	Total/NA	Solid	8015 NM	
890-3035-7	C-57 3'	Total/NA	Solid	8015 NM	
890-3035-8	C-58 3'	Total/NA	Solid	8015 NM	
890-3035-9	C-59 3'	Total/NA	Solid	8015 NM	
890-3035-10	C-61 3'	Total/NA	Solid	8015 NM	
890-3035-11	C-62 3'	Total/NA	Solid	8015 NM	
890-3035-12	C-63 3'	Total/NA	Solid	8015 NM	
890-3035-13	C-64 3'	Total/NA	Solid	8015 NM	
890-3035-14	C-65 3'	Total/NA	Solid	8015 NM	
890-3035-15	C-66 3'	Total/NA	Solid	8015 NM	
890-3035-16	C-68 3'	Total/NA	Solid	8015 NM	
890-3035-17	C-69 3'	Total/NA	Solid	8015 NM	
890-3035-18	C-70 3'	Total/NA	Solid	8015 NM	
890-3035-19	C-71 3'	Total/NA	Solid	8015 NM	
890-3035-20	C-72 3'	Total/NA	Solid	8015 NM	
890-3035-21	C-73 3'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 35176

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-21	C-73 3'	Soluble	Solid	DI Leach	
MB 880-35176/1-A	Method Blank	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 35176 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-35176/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35176/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 35374

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-1	C-51 3'	Soluble	Solid	DI Leach	
890-3035-2	C-52 3'	Soluble	Solid	DI Leach	
890-3035-3	C-53 3'	Soluble	Solid	DI Leach	
890-3035-4	C-54 3'	Soluble	Solid	DI Leach	
890-3035-5	C-55 3'	Soluble	Solid	DI Leach	
890-3035-6	C-56 3'	Soluble	Solid	DI Leach	
890-3035-7	C-57 3'	Soluble	Solid	DI Leach	
890-3035-8	C-58 3'	Soluble	Solid	DI Leach	
890-3035-9	C-59 3'	Soluble	Solid	DI Leach	
890-3035-10	C-61 3'	Soluble	Solid	DI Leach	
890-3035-11	C-62 3'	Soluble	Solid	DI Leach	
890-3035-12	C-63 3'	Soluble	Solid	DI Leach	
890-3035-13	C-64 3'	Soluble	Solid	DI Leach	
890-3035-14	C-65 3'	Soluble	Solid	DI Leach	
890-3035-15	C-66 3'	Soluble	Solid	DI Leach	
890-3035-16	C-68 3'	Soluble	Solid	DI Leach	
890-3035-17	C-69 3'	Soluble	Solid	DI Leach	
890-3035-18	C-70 3'	Soluble	Solid	DI Leach	
890-3035-19	C-71 3'	Soluble	Solid	DI Leach	
890-3035-20	C-72 3'	Soluble	Solid	DI Leach	
MB 880-35374/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35374/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35374/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3035-1 MS	C-51 3'	Soluble	Solid	DI Leach	
890-3035-1 MSD	C-51 3'	Soluble	Solid	DI Leach	
890-3035-11 MS	C-62 3'	Soluble	Solid	DI Leach	
890-3035-11 MSD	C-62 3'	Soluble	Solid	DI Leach	

Analysis Batch: 35498

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-21	C-73 3'	Soluble	Solid	300.0	35176
MB 880-35176/1-A	Method Blank	Soluble	Solid	300.0	35176
LCS 880-35176/2-A	Lab Control Sample	Soluble	Solid	300.0	35176
LCSD 880-35176/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35176

Analysis Batch: 35499

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-1	C-51 3'	Soluble	Solid	300.0	35374
890-3035-2	C-52 3'	Soluble	Solid	300.0	35374
890-3035-3	C-53 3'	Soluble	Solid	300.0	35374
890-3035-4	C-54 3'	Soluble	Solid	300.0	35374
890-3035-5	C-55 3'	Soluble	Solid	300.0	35374
890-3035-6	C-56 3'	Soluble	Solid	300.0	35374
890-3035-7	C-57 3'	Soluble	Solid	300.0	35374
890-3035-8	C-58 3'	Soluble	Solid	300.0	35374
890-3035-9	C-59 3'	Soluble	Solid	300.0	35374

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

HPLC/IC (Continued)

Analysis Batch: 35499 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3035-10	C-61 3'	Soluble	Solid	300.0	35374
890-3035-11	C-62 3'	Soluble	Solid	300.0	35374
890-3035-12	C-63 3'	Soluble	Solid	300.0	35374
890-3035-13	C-64 3'	Soluble	Solid	300.0	35374
890-3035-14	C-65 3'	Soluble	Solid	300.0	35374
890-3035-15	C-66 3'	Soluble	Solid	300.0	35374
890-3035-16	C-68 3'	Soluble	Solid	300.0	35374
890-3035-17	C-69 3'	Soluble	Solid	300.0	35374
890-3035-18	C-70 3'	Soluble	Solid	300.0	35374
890-3035-19	C-71 3'	Soluble	Solid	300.0	35374
890-3035-20	C-72 3'	Soluble	Solid	300.0	35374
MB 880-35374/1-A	Method Blank	Soluble	Solid	300.0	35374
LCS 880-35374/2-A	Lab Control Sample	Soluble	Solid	300.0	35374
LCSD 880-35374/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35374
890-3035-1 MS	C-51 3'	Soluble	Solid	300.0	35374
890-3035-1 MSD	C-51 3'	Soluble	Solid	300.0	35374
890-3035-11 MS	C-62 3'	Soluble	Solid	300.0	35374
890-3035-11 MSD	C-62 3'	Soluble	Solid	300.0	35374

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-51 3'

Date Collected: 09/22/22 08:00
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-1
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			5.05 g	5 mL	36054	10/04/22 10:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36057	10/05/22 08:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 12:27	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 14:51	CH	EET MID

Client Sample ID: C-52 3'

Date Collected: 09/22/22 08:01
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36054	10/04/22 10:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36057	10/05/22 09:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 13:31	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 15:06	CH	EET MID

Client Sample ID: C-53 3'

Date Collected: 09/22/22 08:02
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36054	10/04/22 10:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36057	10/05/22 09:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 13:52	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 15:10	CH	EET MID

Client Sample ID: C-54 3'

Date Collected: 09/22/22 08:10
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	36054	10/04/22 10:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36057	10/05/22 09:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-54 3'

Date Collected: 09/22/22 08:10
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-4
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			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 14:14	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 15:15	CH	EET MID

Client Sample ID: C-55 3'

Date Collected: 09/22/22 08:15
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-5
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			4.98 g	5 mL	36054	10/04/22 10:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36057	10/05/22 10:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 14:35	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 15:20	CH	EET MID

Client Sample ID: C-56 3'

Date Collected: 09/22/22 10:15
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-6
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			4.96 g	5 mL	36054	10/04/22 10:40	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36057	10/05/22 10:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 14:57	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 15:35	CH	EET MID

Client Sample ID: C-57 3'

Date Collected: 09/22/22 10:16
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-7
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			5.01 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/04/22 22:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 15:18	SM	EET MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-57 3'

Date Collected: 09/22/22 10:16
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-7
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			5.01 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 15:40	CH	EET MID

Client Sample ID: C-58 3'

Date Collected: 09/22/22 10:17
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/04/22 23:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 15:39	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 15:44	CH	EET MID

Client Sample ID: C-59 3'

Date Collected: 09/22/22 10:18
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-9
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			4.99 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/04/22 23:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 16:00	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 15:50	CH	EET MID

Client Sample ID: C-61 3'

Date Collected: 09/22/22 10:19
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-10
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			5.02 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 00:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 16:22	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 15:54	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-62 3'

Date Collected: 09/22/22 11:45
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-11
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	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 00:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 17:04	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 15:59	CH	EET MID

Client Sample ID: C-63 3'

Date Collected: 09/22/22 11:46
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-12
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			4.97 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 00:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 17:25	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 16:14	CH	EET MID

Client Sample ID: C-64 3'

Date Collected: 09/22/22 11:47
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-13
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			5.03 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 01:02	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 17:46	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 16:19	CH	EET MID

Client Sample ID: C-65 3'

Date Collected: 09/22/22 11:48
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-14
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			5.05 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 01:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID

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Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-65 3'

Date Collected: 09/22/22 11:48
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-14
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			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 18:08	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 16:33	CH	EET MID

Client Sample ID: C-66 3'

Date Collected: 09/22/22 11:49
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-15
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			5.00 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 01:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 18:29	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 16:38	CH	EET MID

Client Sample ID: C-68 3'

Date Collected: 09/22/22 11:50
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-16
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			4.96 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 02:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 18:50	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 16:43	CH	EET MID

Client Sample ID: C-69 3'

Date Collected: 09/22/22 12:50
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-17
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			4.99 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 03:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 19:11	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-69 3'

Date Collected: 09/22/22 12:50
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-17
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			4.97 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 16:48	CH	EET MID

Client Sample ID: C-70 3'

Date Collected: 09/22/22 12:51
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-18
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			5.02 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 03:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 19:33	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 16:53	CH	EET MID

Client Sample ID: C-71 3'

Date Collected: 09/22/22 12:52
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-19
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	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 04:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 19:54	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 16:58	CH	EET MID

Client Sample ID: C-72 3'

Date Collected: 09/22/22 12:53
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-20
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			4.99 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 04:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35418	09/26/22 13:40	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35458	09/27/22 20:15	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35374	09/26/22 10:22	SMC	EET MID
Soluble	Analysis	300.0		1			35499	09/27/22 17:02	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Client Sample ID: C-73 3'
Date Collected: 09/22/22 12:54
Date Received: 09/22/22 16:01

Lab Sample ID: 890-3035-21
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			5.02 g	5 mL	36056	10/04/22 13:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36027	10/05/22 04:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36125	10/05/22 08:42	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35561	09/28/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35419	09/26/22 13:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35460	09/27/22 12:27	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35176	09/26/22 10:04	SMC	EET MID
Soluble	Analysis	300.0		1			35498	09/27/22 19:42	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 890-3035-1
Project/Site: Turkey Tract SDG: 22-0104-02

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. Job ID: 890-3035-1
Project/Site: Turkey Tract SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3035-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3035-1	C-51 3'	Solid	09/22/22 08:00	09/22/22 16:01	3'
890-3035-2	C-52 3'	Solid	09/22/22 08:01	09/22/22 16:01	3'
890-3035-3	C-53 3'	Solid	09/22/22 08:02	09/22/22 16:01	3'
890-3035-4	C-54 3'	Solid	09/22/22 08:10	09/22/22 16:01	3'
890-3035-5	C-55 3'	Solid	09/22/22 08:15	09/22/22 16:01	3'
890-3035-6	C-56 3'	Solid	09/22/22 10:15	09/22/22 16:01	3'
890-3035-7	C-57 3'	Solid	09/22/22 10:16	09/22/22 16:01	3'
890-3035-8	C-58 3'	Solid	09/22/22 10:17	09/22/22 16:01	3'
890-3035-9	C-59 3'	Solid	09/22/22 10:18	09/22/22 16:01	3'
890-3035-10	C-61 3'	Solid	09/22/22 10:19	09/22/22 16:01	3'
890-3035-11	C-62 3'	Solid	09/22/22 11:45	09/22/22 16:01	3'
890-3035-12	C-63 3'	Solid	09/22/22 11:46	09/22/22 16:01	3'
890-3035-13	C-64 3'	Solid	09/22/22 11:47	09/22/22 16:01	3'
890-3035-14	C-65 3'	Solid	09/22/22 11:48	09/22/22 16:01	3'
890-3035-15	C-66 3'	Solid	09/22/22 11:49	09/22/22 16:01	3'
890-3035-16	C-68 3'	Solid	09/22/22 11:50	09/22/22 16:01	3'
890-3035-17	C-69 3'	Solid	09/22/22 12:50	09/22/22 16:01	3'
890-3035-18	C-70 3'	Solid	09/22/22 12:51	09/22/22 16:01	3'
890-3035-19	C-71 3'	Solid	09/22/22 12:52	09/22/22 16:01	3'
890-3035-20	C-72 3'	Solid	09/22/22 12:53	09/22/22 16:01	3'
890-3035-21	C-73 3'	Solid	09/22/22 12:54	09/22/22 16:01	3'

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890-3035 Chain of Custody

No. 2560

CHAIN-OF-CUSTODY

10/5/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE: 9/22/2022 PAGE 1 OF 2

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: TURKEY TRACT

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

Data Reported to:

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MNT/NM

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☐ MTBE ☐	TRPH 418.1 ☐	TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☐	DIESEL - MOD 8015 ☐	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐	PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐	8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐	TCLP VOC ☐	TCLP - PEST ☐ HERB ☐	TOTAL METALS (RCRA) ☐	Semi-VOC ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐	OTHER LIST ☐	RCI ☐ TOX ☐	TCLP ☐	TDS ☐ TSS ☐	FLASHPOINT ☐	pH ☐ % MOISTURE ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ CYANIDE ☐	PECHLORATE ☐	CHLORIDE ☐ ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-51 3'		9/22/22	0800	S	1				X		X		X	X	X																				X			
C-52 3'		9/22/22	0801	S	1				X		X		X	X	X																				X			
C-53 3'		9/22/22	0802	S	1				X		X		X	X	V																				X			
C-54 3'		9/22/22	0810	S	1				X		X		X	X	Y																				X			
C-55 3'		9/22/22	0815	S	1				X		X		X	X	X																				X			
C-56 3		9/22/22	1015	S	1				X		X		X	V	X																				X			
C-57 3'		9/22/22	1016	S	1				X		X		X	X	X																				X			
C-58 3'		9/22/22	1017	S	1				X		X		X	X	X																				X			
C-59 3'		9/22/22	1018	S	1				X		X		X	Y	X																				X			
C-61 3'		9/22/22	1019	S	1				X		X		X	X	Y																				X			
C-62 3'		9/22/22	1145	S	1				X		X		X	X	Y																				X			
C-63 3'		9/22/22	1146	S	1				X		X		X	X	X																				X			
C-64 2'		9/22/22	1147	S	1				X		X		X	X	Y																				X			
C-65 3'		9/22/22	1148	S	1				X		X		X	X	X																				X			
C-66		9/22/22	1149	S	1				X		X		X	X	X																				X			
TOTAL 15																																								

RELINQUISHED BY:(Signature) Daniel Thomas DATE/TIME 9/22/22 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) Amanda Bluff DATE/TIME 9/22/22 16:01 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: 5.1/5.5 THERM#: TAM-007 -0.2
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

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No. 2561

CHAIN-OF-CUSTODY

10/5/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 9/22/22 PAGE 2 OF 2

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: TURKEY TRACT

LAI PROJECT #: 22-0104.02 COLLECTOR: DSG

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MNT/NM

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

PRESERVATION: HCl, HNO_3, H_2SO_4 ☐ NaOH ☐, ICE, UNPRESSERVED

ANALYSES: BTEX ☒ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ TPH 1006 ☐ | GASOLINE MOD 8015 ☐ | DIESEL - MOD 8015 ☐ | OIL - MOD 8015 ☐ | VOC 8260 ☐ | SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐ | 8081 PESTICIDES ☐ 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ TCLP VOC ☐ | TCLP - PEST ☐ HERB ☐ Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ OTHER LIST ☐ | LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐ | RCI ☐ TOX ☐ FLASHPOINT ☐ | TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐ | pH ☐ HEXAVALENT CHROMIUM ☐ | EXPLOSIVES ☐ PECHLORATE ☐ | CHLORIDES ☒ ANIONS ☐ ALKALINITY ☐

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
C-64 3		9/22/22	1150	S	1				X		BTEX, TRPH 418.1, TPH 1005, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, TCLP - METALS (RCRA), TOTAL METALS (RCRA), LEAD - TOTAL, TDS, pH, CHLORIDES	
C-69 3		9/22/22	1250	S	1				X		BTEX, TRPH 418.1, TPH 1005, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, TCLP - METALS (RCRA), TOTAL METALS (RCRA), LEAD - TOTAL, TDS, pH, CHLORIDES	
C-70 3		9/22/22	1251	S	1				X		BTEX, TRPH 418.1, TPH 1005, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, TCLP - METALS (RCRA), TOTAL METALS (RCRA), LEAD - TOTAL, TDS, pH, CHLORIDES	
C-71 3		9/22/22	1252	S	1				X		BTEX, TRPH 418.1, TPH 1005, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, TCLP - METALS (RCRA), TOTAL METALS (RCRA), LEAD - TOTAL, TDS, pH, CHLORIDES	
C-72 3		9/22/22	1253	S	1				X		BTEX, TRPH 418.1, TPH 1005, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, TCLP - METALS (RCRA), TOTAL METALS (RCRA), LEAD - TOTAL, TDS, pH, CHLORIDES	
C-73 3		9/22/22	1254	S	1				X		BTEX, TRPH 418.1, TPH 1005, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, TCLP - METALS (RCRA), TOTAL METALS (RCRA), LEAD - TOTAL, TDS, pH, CHLORIDES	

TOTAL 6

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
DSG	9/22/22	
Amanda Stuff	9/22/22 16:01	

LABORATORY: Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 5.7/5.5 THERM#: TAM-007 -0.2
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3035-1
SDG Number: 22-0104-02

Login Number: 3035
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3035-1
SDG Number: 22-0104-02

Login Number: 3035
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 09/26/22 09:09 AM

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: 880-19602-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Tract

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
10/7/2022 1:25:56 PM

Holly Taylor, Project Manager
(806)794-1296
Holly.Taylor@et.eurofinsus.com

LINKS
Review your project results through my EOL
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-19602-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Job ID: 880-19602-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-19602-1

Receipt
The samples were received on 9/23/2022 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 4.6º C.

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-36073 and analytical batch 880-36225 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 8021B: Surrogate recovery for the following samples were outside control limits: C-74 (880-19602-1), C-77 (880-19602-4), C-79 (880-19602-6) and (880-19602-A-1-E MS). 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.

GC Semi VOA
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Released to Imaging: 5/18/2023 2:46:41 PM

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Client Sample ID: C-74

Date Collected: 09/23/22 09:50
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201		mg/Kg		10/04/22 16:09	10/06/22 21:57	1
Toluene	<0.00201	U F2 F1	0.00201		mg/Kg		10/04/22 16:09	10/06/22 21:57	1
Ethylbenzene	<0.00201	U F2 F1	0.00201		mg/Kg		10/04/22 16:09	10/06/22 21:57	1
m,p-Xylenes	<0.00402	U F2 F1	0.00402		mg/Kg		10/04/22 16:09	10/06/22 21:57	1
o-Xylene	<0.00201	U F2 F1	0.00201		mg/Kg		10/04/22 16:09	10/06/22 21:57	1
Xylenes, Total	<0.00402	U F1 F2	0.00402		mg/Kg		10/04/22 16:09	10/06/22 21:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*61*	*S1-*	*70 - 130*	*10/04/22 16:09*	*10/06/22 21:57*	*1*
1,4-Difluorobenzene (Surr)	*59*	*S1-*	*70 - 130*	*10/04/22 16:09*	*10/06/22 21:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/07/22 10:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/22 09:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/27/22 22:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/27/22 22:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/27/22 22:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*09/27/22 11:47*	*09/27/22 22:02*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*09/27/22 11:47*	*09/27/22 22:02*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**90.4**		5.00		mg/Kg			09/28/22 02:21	1

Client Sample ID: C-75

Date Collected: 09/23/22 09:51
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 22:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 22:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 22:18	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/04/22 16:09	10/06/22 22:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 22:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:09	10/06/22 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*10/04/22 16:09*	*10/06/22 22:18*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*10/04/22 16:09*	*10/06/22 22:18*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Client Sample ID: C-75

Date Collected: 09/23/22 09:51
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/07/22 10:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			09/28/22 09:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		09/27/22 11:47	09/27/22 23:06	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		09/27/22 11:47	09/27/22 23:06	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		09/27/22 11:47	09/27/22 23:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*09/27/22 11:47*	*09/27/22 23:06*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*09/27/22 11:47*	*09/27/22 23:06*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.9**		4.97		mg/Kg			09/28/22 02:35	1

Client Sample ID: C-76

Date Collected: 09/23/22 09:52
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:09	10/06/22 22:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:09	10/06/22 22:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:09	10/06/22 22:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/04/22 16:09	10/06/22 22:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:09	10/06/22 22:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:09	10/06/22 22:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*10/04/22 16:09*	*10/06/22 22:39*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/04/22 16:09*	*10/06/22 22:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/07/22 10:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/22 09:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/27/22 11:47	09/27/22 23:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 11:47	09/27/22 23:27	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Client Sample ID: C-76

Date Collected: 09/23/22 09:52
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-3

Matrix: Solid

Method: SW846 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		09/27/22 11:47	09/27/22 23:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*09/27/22 11:47*	*09/27/22 23:27*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*09/27/22 11:47*	*09/27/22 23:27*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**132**		5.02		mg/Kg			09/28/22 02:40	1

Client Sample ID: C-77

Date Collected: 09/23/22 09:53
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-4

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:09	10/06/22 22:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:09	10/06/22 22:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:09	10/06/22 22:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		10/04/22 16:09	10/06/22 22:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/04/22 16:09	10/06/22 22:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/04/22 16:09	10/06/22 22:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*68*	*S1-*	*70 - 130*	*10/04/22 16:09*	*10/06/22 22:59*	*1*
1,4-Difluorobenzene (Surr)	*63*	*S1-*	*70 - 130*	*10/04/22 16:09*	*10/06/22 22:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/07/22 10:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/22 09:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/27/22 11:47	09/27/22 23:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 11:47	09/27/22 23:48	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 11:47	09/27/22 23:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*85*		*70 - 130*	*09/27/22 11:47*	*09/27/22 23:48*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*09/27/22 11:47*	*09/27/22 23:48*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**91.5**		5.03		mg/Kg			09/28/22 02:45	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Client Sample ID: C-78

Date Collected: 09/23/22 09:54
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-5

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 23:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 23:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 23:20	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/04/22 16:09	10/06/22 23:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 23:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:09	10/06/22 23:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*130*		*70 - 130*	*10/04/22 16:09*	*10/06/22 23:20*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/04/22 16:09*	*10/06/22 23:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/07/22 10:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/22 09:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/28/22 00:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/28/22 00:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/28/22 00:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*09/27/22 11:47*	*09/28/22 00:10*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*09/27/22 11:47*	*09/28/22 00:10*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**149**		4.95		mg/Kg			09/28/22 02:50	1

Client Sample ID: C-79

Date Collected: 09/23/22 09:55
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-6

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:09	10/06/22 23:41	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:09	10/06/22 23:41	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:09	10/06/22 23:41	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		10/04/22 16:09	10/06/22 23:41	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/04/22 16:09	10/06/22 23:41	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/04/22 16:09	10/06/22 23:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*43*	*S1-*	*70 - 130*	*10/04/22 16:09*	*10/06/22 23:41*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*10/04/22 16:09*	*10/06/22 23:41*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Client Sample ID: C-79
Date Collected: 09/23/22 09:55
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/07/22 10:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/22 09:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/28/22 00:31	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/28/22 00:31	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/28/22 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*09/27/22 11:47*	*09/28/22 00:31*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*09/27/22 11:47*	*09/28/22 00:31*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		4.97		mg/Kg			09/28/22 02:55	1

Client Sample ID: C-80
Date Collected: 09/23/22 09:56
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/04/22 16:09	10/07/22 00:01	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/04/22 16:09	10/07/22 00:01	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/04/22 16:09	10/07/22 00:01	1
m,p-Xylenes	<0.00404	U	0.00404		mg/Kg		10/04/22 16:09	10/07/22 00:01	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/04/22 16:09	10/07/22 00:01	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/04/22 16:09	10/07/22 00:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/04/22 16:09*	*10/07/22 00:01*	*1*
1,4-Difluorobenzene (Surr)	*71*		*70 - 130*	*10/04/22 16:09*	*10/07/22 00:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/07/22 10:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			09/28/22 09:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/28/22 00:52	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/28/22 00:52	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Client Sample ID: C-80
Date Collected: 09/23/22 09:56
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/28/22 00:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*09/27/22 11:47*	*09/28/22 00:52*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*09/27/22 11:47*	*09/28/22 00:52*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.9**		4.98		mg/Kg			09/28/22 03:00	1

Client Sample ID: C-81
Date Collected: 09/23/22 09:57
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/07/22 00:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/07/22 00:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/07/22 00:22	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		10/04/22 16:09	10/07/22 00:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/07/22 00:22	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/04/22 16:09	10/07/22 00:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/04/22 16:09*	*10/07/22 00:22*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*10/04/22 16:09*	*10/07/22 00:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/07/22 10:22	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			09/28/22 09:31	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/27/22 11:47	09/28/22 01:13	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/27/22 11:47	09/28/22 01:13	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/27/22 11:47	09/28/22 01:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*09/27/22 11:47*	*09/28/22 01:13*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*09/27/22 11:47*	*09/28/22 01:13*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		5.01		mg/Kg			09/28/22 03:14	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

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)
880-19602-1	C-74	61 S1-	59 S1-
880-19602-1 MS	C-74	38 S1-	75
880-19602-1 MSD	C-74	102	95
880-19602-2	C-75	113	100
880-19602-3	C-76	125	95
880-19602-4	C-77	68 S1-	63 S1-
880-19602-5	C-78	130	88
880-19602-6	C-79	43 S1-	83
880-19602-7	C-80	115	71
880-19602-8	C-81	115	98
LCS 880-36073/1-A	Lab Control Sample	91	100
LCSD 880-36073/2-A	Lab Control Sample Dup	85	94
MB 880-36073/5-A	Method Blank	98	85
MB 880-36203/5-A	Method Blank	97	82

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)
880-19602-1	C-74	106	118
880-19602-1 MS	C-74	75	76
880-19602-1 MSD	C-74	81	82
880-19602-2	C-75	102	111
880-19602-3	C-76	111	116
880-19602-4	C-77	85	98
880-19602-5	C-78	103	113
880-19602-6	C-79	90	97
880-19602-7	C-80	91	101
880-19602-8	C-81	98	113
LCS 880-35514/2-A	Lab Control Sample	95	99
LCSD 880-35514/3-A	Lab Control Sample Dup	106	109
MB 880-35514/1-A	Method Blank	97	108

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36073/5-A
Matrix: Solid
Analysis Batch: 36225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36073

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 21:35	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 21:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 21:35	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		10/04/22 16:09	10/06/22 21:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/04/22 16:09	10/06/22 21:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/04/22 16:09	10/06/22 21:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/04/22 16:09*	*10/06/22 21:35*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*10/04/22 16:09*	*10/06/22 21:35*	*1*

Lab Sample ID: LCS 880-36073/1-A
Matrix: Solid
Analysis Batch: 36225

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36073

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09262		mg/Kg		93	70 - 130		
Toluene			0.100	0.09281		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.08488		mg/Kg		85	70 - 130		
m,p-Xylenes			0.200	0.1805		mg/Kg		90	70 - 130		
o-Xylene			0.100	0.09406		mg/Kg		94	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: LCSD 880-36073/2-A
Matrix: Solid
Analysis Batch: 36225

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36073

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1015		mg/Kg		102	70 - 130	9	35
Toluene			0.100	0.1014		mg/Kg		101	70 - 130	9	35
Ethylbenzene			0.100	0.09329		mg/Kg		93	70 - 130	9	35
m,p-Xylenes			0.200	0.1918		mg/Kg		96	70 - 130	6	35
o-Xylene			0.100	0.09782		mg/Kg		98	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*85*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 880-19602-1 MS
Matrix: Solid
Analysis Batch: 36225

Client Sample ID: C-74
Prep Type: Total/NA
Prep Batch: 36073

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U F2 F1	0.100	0.005462	F1	mg/Kg		5	70 - 130		
Toluene	<0.00201	U F2 F1	0.100	0.008924	F1	mg/Kg		9	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-19602-1 MS
Matrix: Solid
Analysis Batch: 36225

Client Sample ID: C-74
Prep Type: Total/NA
Prep Batch: 36073

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U F2 F1	0.100	0.006284	F1	mg/Kg		6	70 - 130
m,p-Xylenes	<0.00402	U F2 F1	0.200	0.01043	F1	mg/Kg		5	70 - 130
o-Xylene	<0.00201	U F2 F1	0.100	0.006099	F1	mg/Kg		6	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*38*	*S1-*	*70 - 130*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*

Lab Sample ID: 880-19602-1 MSD
Matrix: Solid
Analysis Batch: 36225

Client Sample ID: C-74
Prep Type: Total/NA
Prep Batch: 36073

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F2 F1	0.0990	0.04086	F1 F2	mg/Kg		41	70 - 130	153	35
Toluene	<0.00201	U F2 F1	0.0990	0.05172	F1 F2	mg/Kg		52	70 - 130	141	35
Ethylbenzene	<0.00201	U F2 F1	0.0990	0.05451	F1 F2	mg/Kg		55	70 - 130	159	35
m,p-Xylenes	<0.00402	U F2 F1	0.198	0.1184	F1 F2	mg/Kg		60	70 - 130	168	35
o-Xylene	<0.00201	U F2 F1	0.0990	0.06192	F1 F2	mg/Kg		63	70 - 130	164	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: MB 880-36203/5-A
Matrix: Solid
Analysis Batch: 36225

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36203

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:37	10/06/22 10:14	1
Toluene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:37	10/06/22 10:14	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:37	10/06/22 10:14	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		10/05/22 16:37	10/06/22 10:14	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		10/05/22 16:37	10/06/22 10:14	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		10/05/22 16:37	10/06/22 10:14	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*10/05/22 16:37*	*10/06/22 10:14*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/05/22 16:37*	*10/06/22 10:14*	*1*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-35514/1-A
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35514

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		09/27/22 11:47	09/27/22 20:58	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-35514/1-A
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35514

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/27/22 20:58	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/27/22 11:47	09/27/22 20:58	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*09/27/22 11:47*	*09/27/22 20:58*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*09/27/22 11:47*	*09/27/22 20:58*	*1*

Lab Sample ID: LCS 880-35514/2-A
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35514

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	828.1		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	844.7		mg/Kg		84	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*95*		*70 - 130*
o-Terphenyl (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-35514/3-A
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35514

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	808.3		mg/Kg		81	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	940.8		mg/Kg		94	70 - 130	11	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*109*		*70 - 130*

Lab Sample ID: 880-19602-1 MS
Matrix: Solid
Analysis Batch: 35460

Client Sample ID: C-74
Prep Type: Total/NA
Prep Batch: 35514

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	957.9		mg/Kg		93	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	825.9		mg/Kg		81	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*75*		*70 - 130*
o-Terphenyl (Surr)	*76*		*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-19602-1 MSD — **Client Sample ID: C-74**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35460 — **Prep Batch: 35514**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1018		mg/Kg		99	70 - 130	6	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	892.8		mg/Kg		87	70 - 130	8	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*81*		*70 - 130*
o-Terphenyl (Surr)	*82*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-35376/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35521

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			09/28/22 01:37	1

Lab Sample ID: LCS 880-35376/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35521

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	241.3		mg/Kg		97	90 - 110		

Lab Sample ID: LCSD 880-35376/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35521

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	242.1		mg/Kg		97	90 - 110	0	20

Lab Sample ID: 880-19602-7 MS — **Client Sample ID: C-80**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35521

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	82.9		249	332.6		mg/Kg		100	90 - 110		

Lab Sample ID: 880-19602-7 MSD — **Client Sample ID: C-80**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 35521

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	82.9		249	332.3		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

GC VOA

Prep Batch: 36073

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19602-1	C-74	Total/NA	Solid	5035	
880-19602-2	C-75	Total/NA	Solid	5035	
880-19602-3	C-76	Total/NA	Solid	5035	
880-19602-4	C-77	Total/NA	Solid	5035	
880-19602-5	C-78	Total/NA	Solid	5035	
880-19602-6	C-79	Total/NA	Solid	5035	
880-19602-7	C-80	Total/NA	Solid	5035	
880-19602-8	C-81	Total/NA	Solid	5035	
MB 880-36073/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36073/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36073/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-19602-1 MS	C-74	Total/NA	Solid	5035	
880-19602-1 MSD	C-74	Total/NA	Solid	5035	

Prep Batch: 36203

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-36203/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 36225

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19602-1	C-74	Total/NA	Solid	8021B	36073
880-19602-2	C-75	Total/NA	Solid	8021B	36073
880-19602-3	C-76	Total/NA	Solid	8021B	36073
880-19602-4	C-77	Total/NA	Solid	8021B	36073
880-19602-5	C-78	Total/NA	Solid	8021B	36073
880-19602-6	C-79	Total/NA	Solid	8021B	36073
880-19602-7	C-80	Total/NA	Solid	8021B	36073
880-19602-8	C-81	Total/NA	Solid	8021B	36073
MB 880-36073/5-A	Method Blank	Total/NA	Solid	8021B	36073
MB 880-36203/5-A	Method Blank	Total/NA	Solid	8021B	36203
LCS 880-36073/1-A	Lab Control Sample	Total/NA	Solid	8021B	36073
LCSD 880-36073/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36073
880-19602-1 MS	C-74	Total/NA	Solid	8021B	36073
880-19602-1 MSD	C-74	Total/NA	Solid	8021B	36073

Analysis Batch: 36369

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19602-1	C-74	Total/NA	Solid	Total BTEX	
880-19602-2	C-75	Total/NA	Solid	Total BTEX	
880-19602-3	C-76	Total/NA	Solid	Total BTEX	
880-19602-4	C-77	Total/NA	Solid	Total BTEX	
880-19602-5	C-78	Total/NA	Solid	Total BTEX	
880-19602-6	C-79	Total/NA	Solid	Total BTEX	
880-19602-7	C-80	Total/NA	Solid	Total BTEX	
880-19602-8	C-81	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 35460

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19602-1	C-74	Total/NA	Solid	8015B NM	35514

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 35460 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19602-2	C-75	Total/NA	Solid	8015B NM	35514
880-19602-3	C-76	Total/NA	Solid	8015B NM	35514
880-19602-4	C-77	Total/NA	Solid	8015B NM	35514
880-19602-5	C-78	Total/NA	Solid	8015B NM	35514
880-19602-6	C-79	Total/NA	Solid	8015B NM	35514
880-19602-7	C-80	Total/NA	Solid	8015B NM	35514
880-19602-8	C-81	Total/NA	Solid	8015B NM	35514
MB 880-35514/1-A	Method Blank	Total/NA	Solid	8015B NM	35514
LCS 880-35514/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35514
LCSD 880-35514/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35514
880-19602-1 MS	C-74	Total/NA	Solid	8015B NM	35514
880-19602-1 MSD	C-74	Total/NA	Solid	8015B NM	35514

Prep Batch: 35514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19602-1	C-74	Total/NA	Solid	8015NM Prep	
880-19602-2	C-75	Total/NA	Solid	8015NM Prep	
880-19602-3	C-76	Total/NA	Solid	8015NM Prep	
880-19602-4	C-77	Total/NA	Solid	8015NM Prep	
880-19602-5	C-78	Total/NA	Solid	8015NM Prep	
880-19602-6	C-79	Total/NA	Solid	8015NM Prep	
880-19602-7	C-80	Total/NA	Solid	8015NM Prep	
880-19602-8	C-81	Total/NA	Solid	8015NM Prep	
MB 880-35514/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35514/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35514/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-19602-1 MS	C-74	Total/NA	Solid	8015NM Prep	
880-19602-1 MSD	C-74	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35568

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19602-1	C-74	Total/NA	Solid	8015 NM	
880-19602-2	C-75	Total/NA	Solid	8015 NM	
880-19602-3	C-76	Total/NA	Solid	8015 NM	
880-19602-4	C-77	Total/NA	Solid	8015 NM	
880-19602-5	C-78	Total/NA	Solid	8015 NM	
880-19602-6	C-79	Total/NA	Solid	8015 NM	
880-19602-7	C-80	Total/NA	Solid	8015 NM	
880-19602-8	C-81	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 35376

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19602-1	C-74	Soluble	Solid	DI Leach	
880-19602-2	C-75	Soluble	Solid	DI Leach	
880-19602-3	C-76	Soluble	Solid	DI Leach	
880-19602-4	C-77	Soluble	Solid	DI Leach	
880-19602-5	C-78	Soluble	Solid	DI Leach	
880-19602-6	C-79	Soluble	Solid	DI Leach	
880-19602-7	C-80	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 35376 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19602-8	C-81	Soluble	Solid	DI Leach	
MB 880-35376/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35376/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35376/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-19602-7 MS	C-80	Soluble	Solid	DI Leach	
880-19602-7 MSD	C-80	Soluble	Solid	DI Leach	

Analysis Batch: 35521

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-19602-1	C-74	Soluble	Solid	300.0	35376
880-19602-2	C-75	Soluble	Solid	300.0	35376
880-19602-3	C-76	Soluble	Solid	300.0	35376
880-19602-4	C-77	Soluble	Solid	300.0	35376
880-19602-5	C-78	Soluble	Solid	300.0	35376
880-19602-6	C-79	Soluble	Solid	300.0	35376
880-19602-7	C-80	Soluble	Solid	300.0	35376
880-19602-8	C-81	Soluble	Solid	300.0	35376
MB 880-35376/1-A	Method Blank	Soluble	Solid	300.0	35376
LCS 880-35376/2-A	Lab Control Sample	Soluble	Solid	300.0	35376
LCSD 880-35376/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35376
880-19602-7 MS	C-80	Soluble	Solid	300.0	35376
880-19602-7 MSD	C-80	Soluble	Solid	300.0	35376

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Client Sample ID: C-74
Date Collected: 09/23/22 09:50
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-1
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			4.98 g	5 mL	36073	10/04/22 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36225	10/06/22 21:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36369	10/07/22 10:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35568	09/28/22 09:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35514	09/27/22 11:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35460	09/27/22 22:02	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35376	09/26/22 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			35521	09/28/22 02:21	CH	EET MID

Client Sample ID: C-75
Date Collected: 09/23/22 09:51
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36073	10/04/22 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36225	10/06/22 22:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36369	10/07/22 10:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35568	09/28/22 09:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35514	09/27/22 11:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35460	09/27/22 23:06	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35376	09/26/22 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			35521	09/28/22 02:35	CH	EET MID

Client Sample ID: C-76
Date Collected: 09/23/22 09:52
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36073	10/04/22 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36225	10/06/22 22:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36369	10/07/22 10:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35568	09/28/22 09:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35514	09/27/22 11:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35460	09/27/22 23:27	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35376	09/26/22 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			35521	09/28/22 02:40	CH	EET MID

Client Sample ID: C-77
Date Collected: 09/23/22 09:53
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-4
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	36073	10/04/22 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36225	10/06/22 22:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36369	10/07/22 10:22	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Client Sample ID: C-77
Date Collected: 09/23/22 09:53
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-4
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			35568	09/28/22 09:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35514	09/27/22 11:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35460	09/27/22 23:48	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35376	09/26/22 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			35521	09/28/22 02:45	CH	EET MID

Client Sample ID: C-78
Date Collected: 09/23/22 09:54
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-5
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			5.01 g	5 mL	36073	10/04/22 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36225	10/06/22 23:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36369	10/07/22 10:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35568	09/28/22 09:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35514	09/27/22 11:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35460	09/28/22 00:10	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35376	09/26/22 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			35521	09/28/22 02:50	CH	EET MID

Client Sample ID: C-79
Date Collected: 09/23/22 09:55
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-6
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			4.97 g	5 mL	36073	10/04/22 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36225	10/06/22 23:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36369	10/07/22 10:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35568	09/28/22 09:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35514	09/27/22 11:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35460	09/28/22 00:31	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35376	09/26/22 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			35521	09/28/22 02:55	CH	EET MID

Client Sample ID: C-80
Date Collected: 09/23/22 09:56
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-7
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			4.95 g	5 mL	36073	10/04/22 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36225	10/07/22 00:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36369	10/07/22 10:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35568	09/28/22 09:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35514	09/27/22 11:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35460	09/28/22 00:52	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Client Sample ID: C-80

Date Collected: 09/23/22 09:56
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-7

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			5.02 g	50 mL	35376	09/26/22 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			35521	09/28/22 03:00	CH	EET MID

Client Sample ID: C-81

Date Collected: 09/23/22 09:57
Date Received: 09/23/22 16:00

Lab Sample ID: 880-19602-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36073	10/04/22 16:09	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36225	10/07/22 00:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36369	10/07/22 10:22	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35568	09/28/22 09:31	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35514	09/27/22 11:47	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35460	09/28/22 01:13	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35376	09/26/22 10:30	SMC	EET MID
Soluble	Analysis	300.0		1			35521	09/28/22 03:14	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 880-19602-1
Project/Site: Turkey Tract SDG: 22-0104-02

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. Job ID: 880-19602-1
Project/Site: Turkey Tract SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-19602-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-19602-1	C-74	Solid	09/23/22 09:50	09/23/22 16:00
880-19602-2	C-75	Solid	09/23/22 09:51	09/23/22 16:00
880-19602-3	C-76	Solid	09/23/22 09:52	09/23/22 16:00
880-19602-4	C-77	Solid	09/23/22 09:53	09/23/22 16:00
880-19602-5	C-78	Solid	09/23/22 09:54	09/23/22 16:00
880-19602-6	C-79	Solid	09/23/22 09:55	09/23/22 16:00
880-19602-7	C-80	Solid	09/23/22 09:56	09/23/22 16:00
880-19602-8	C-81	Solid	09/23/22 09:57	09/23/22 16:00

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19602

No. 2562

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N Marienfeld, Ste 202
Midland, TX 79701
432-687-0901

Data Reported to

DATE: 9/23/2022 PAGE 1 OF 1

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: TURKEY TRACT

LAI PROJECT #. 22-0104-02 COLLECTOR DSG

TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE
Time zone/State
MNT/NM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C 74		9/23/22	0950	S	1				X		X		X	X	X													X	
C-75		9/23/22	0951	S	1				X		X		X	X	X													X	
C-76		9/23/22	0952	S	1				X		X		X	X	X													X	
C-77		9/23/22	6953	S	1				X		X		X	X	X													X	
C-78		9/23/22	0954	S	1				X		X		X	X	X													X	
C-79		9/23/22	0955	S	1				X		X		X	X	X													X	
C-80		9/23/22	0956	S	1				X		X		X	X	X													X	
C-81		9/23/22	0957	S	1				X		X		X	X	X													X	

880-19602 Chain of Custody

TOTAL 8

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
Danielle Lyman	9/23/22	Max Lilenquist
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 4-4/4° THERM# IR8 .20
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☑ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

10/7/2022

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-19602-1
SDG Number: 22-0104-02

Login Number: 19602
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 Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3080-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Track

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
10/10/2022 9:53:27 AM

Holly Taylor, Project Manager
(806)794-1296
Holly.Taylor@et.eurofinsus.com

LINKS

Review your project results through my EOL

Have a Question? Ask The Expert

Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Released to Imaging: 5/18/2023 2:46:41 PM

Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3080-1
Project/Site: Turkey Track SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Job ID: 890-3080-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3080-1

Receipt
The samples were received on 9/27/2022 3:57 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 3.8°C

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-36296 and analytical batch 880-36323 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-103 (890-3080-21), C-104 (890-3080-22), C-107 (890-3080-25), C-108 (890-3080-26) and (890-3068-A-1-H). Evidence of matrix interferences is not obvious.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-36297 and analytical batch 880-36341 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 (MS) recoveries for preparation batch 880-35715 and analytical batch 880-35742 were outside control limits. Non-homogeneity is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015MOD_NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-35711 and analytical batch 880-35736 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.

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: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-82

Lab Sample ID: 890-3080-1
Matrix: Solid
Date Collected: 09/27/22 13:01
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 12:29	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 12:29	1
Ethylbenzene	<0.00201	U F1	0.00201		mg/Kg		10/06/22 16:48	10/08/22 12:29	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 16:48	10/08/22 12:29	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 12:29	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 16:48	10/08/22 12:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/06/22 16:48*	*10/08/22 12:29*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*10/06/22 16:48*	*10/08/22 12:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**93.7**		50.0		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 10:30	1
Diesel Range Organics (Over C10-C28)	<50.0	U F1	50.0		mg/Kg		09/29/22 14:32	09/30/22 10:30	1
OII Range Organics (Over C28-C36)	**93.7**		50.0		mg/Kg		09/29/22 14:32	09/30/22 10:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*80*		*70 - 130*	*09/29/22 14:32*	*09/30/22 10:30*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*09/29/22 14:32*	*09/30/22 10:30*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**54.6**		5.05		mg/Kg			09/29/22 23:54	1

Client Sample ID: C-83

Lab Sample ID: 890-3080-2
Matrix: Solid
Date Collected: 09/27/22 13:05
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 12:49	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 12:49	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 12:49	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 16:48	10/08/22 12:49	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 12:49	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 16:48	10/08/22 12:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/06/22 16:48*	*10/08/22 12:49*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-83

Date Collected: 09/27/22 13:05
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*10/06/22 16:48*	*10/08/22 12:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**90.5**		49.8	mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		09/29/22 14:32	09/30/22 11:33	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		09/29/22 14:32	09/30/22 11:33	1
OII Range Organics (Over C28-C36)	**90.5**		49.8	mg/Kg		09/29/22 14:32	09/30/22 11:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*09/29/22 14:32*	*09/30/22 11:33*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*09/29/22 14:32*	*09/30/22 11:33*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**56.4**		4.96	mg/Kg			09/29/22 23:59	1

Client Sample ID: C-84

Date Collected: 09/27/22 13:10
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198	mg/Kg		10/06/22 16:48	10/08/22 13:10	1
Toluene	<0.00198	U	0.00198	mg/Kg		10/06/22 16:48	10/08/22 13:10	1
Ethylbenzene	<0.00198	U	0.00198	mg/Kg		10/06/22 16:48	10/08/22 13:10	1
m-Xylene & p-Xylene	<0.00396	U	0.00396	mg/Kg		10/06/22 16:48	10/08/22 13:10	1
o-Xylene	<0.00198	U	0.00198	mg/Kg		10/06/22 16:48	10/08/22 13:10	1
Xylenes, Total	<0.00396	U	0.00396	mg/Kg		10/06/22 16:48	10/08/22 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*10/06/22 16:48*	*10/08/22 13:10*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/06/22 16:48*	*10/08/22 13:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396	mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**74.9**		49.9	mg/Kg			10/03/22 09:36	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-84

Date Collected: 09/27/22 13:10
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 11:53	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 11:53	1
OII Range Organics (Over C28-C36)	**74.9**		49.9		mg/Kg		09/29/22 14:32	09/30/22 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*09/29/22 14:32*	*09/30/22 11:53*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*09/29/22 14:32*	*09/30/22 11:53*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.2**		5.05		mg/Kg			09/30/22 00:04	1

Client Sample ID: C-85

Date Collected: 09/27/22 13:20
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 13:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 13:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 13:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:48	10/08/22 13:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 13:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:48	10/08/22 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*10/06/22 16:48*	*10/08/22 13:30*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*10/06/22 16:48*	*10/08/22 13:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**75.8**		49.9		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 12:14	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 12:14	1
OII Range Organics (Over C28-C36)	**75.8**		49.9		mg/Kg		09/29/22 14:32	09/30/22 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*09/29/22 14:32*	*09/30/22 12:14*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*09/29/22 14:32*	*09/30/22 12:14*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-85

Lab Sample ID: 890-3080-4
Matrix: Solid
Date Collected: 09/27/22 13:20
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	112		4.97		mg/Kg			09/30/22 00:09	1

Client Sample ID: C-86

Lab Sample ID: 890-3080-5
Matrix: Solid
Date Collected: 09/27/22 13:30
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 13:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 13:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 13:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:48	10/08/22 13:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 13:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:48	10/08/22 13:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/06/22 16:48*	*10/08/22 13:51*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/06/22 16:48*	*10/08/22 13:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	75.0		50.0		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 12:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 12:35	1
OII Range Organics (Over C28-C36)	75.0		50.0		mg/Kg		09/29/22 14:32	09/30/22 12:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*09/29/22 14:32*	*09/30/22 12:35*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*09/29/22 14:32*	*09/30/22 12:35*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	24.3		5.01		mg/Kg			09/30/22 03:32	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-87

Date Collected: 09/27/22 13:40
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 14:11	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 14:11	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 14:11	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:48	10/08/22 14:11	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 14:11	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:48	10/08/22 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/06/22 16:48*	*10/08/22 14:11*	*1*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*	*10/06/22 16:48*	*10/08/22 14:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**69.5**		50.0		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 12:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 12:56	1
OII Range Organics (Over C28-C36)	**69.5**		50.0		mg/Kg		09/29/22 14:32	09/30/22 12:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*09/29/22 14:32*	*09/30/22 12:56*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*09/29/22 14:32*	*09/30/22 12:56*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**201**		5.05		mg/Kg			09/30/22 03:47	1

Client Sample ID: C-89

Date Collected: 09/27/22 13:45
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 14:31	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 14:31	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 14:31	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/06/22 16:48	10/08/22 14:31	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 14:31	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/06/22 16:48	10/08/22 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*	*10/06/22 16:48*	*10/08/22 14:31*	*1*

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-89

Date Collected: 09/27/22 13:45
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/06/22 16:48*	*10/08/22 14:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**63.7**		50.0	mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		09/29/22 14:32	09/30/22 13:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		09/29/22 14:32	09/30/22 13:18	1
OII Range Organics (Over C28-C36)	**63.7**		50.0	mg/Kg		09/29/22 14:32	09/30/22 13:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*09/29/22 14:32*	*09/30/22 13:18*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*09/29/22 14:32*	*09/30/22 13:18*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**98.6**		5.00	mg/Kg			09/30/22 03:51	1

Client Sample ID: C-90

Date Collected: 09/27/22 13:50
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		10/06/22 16:48	10/08/22 14:52	1
Toluene	<0.00202	U	0.00202	mg/Kg		10/06/22 16:48	10/08/22 14:52	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		10/06/22 16:48	10/08/22 14:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403	mg/Kg		10/06/22 16:48	10/08/22 14:52	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		10/06/22 16:48	10/08/22 14:52	1
Xylenes, Total	<0.00403	U	0.00403	mg/Kg		10/06/22 16:48	10/08/22 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*10/06/22 16:48*	*10/08/22 14:52*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*10/06/22 16:48*	*10/08/22 14:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403	mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**64.8**		49.9	mg/Kg			10/03/22 09:36	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-90

Date Collected: 09/27/22 13:50
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-8
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 13:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 13:39	1
OII Range Organics (Over C28-C36)	**64.8**		49.9		mg/Kg		09/29/22 14:32	09/30/22 13:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*09/29/22 14:32*	*09/30/22 13:39*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*09/29/22 14:32*	*09/30/22 13:39*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.2**		5.00		mg/Kg			09/30/22 03:56	1

Client Sample ID: C-91

Date Collected: 09/27/22 13:52
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 15:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 15:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 15:29	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:48	10/08/22 15:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 15:29	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:48	10/08/22 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*10/06/22 16:48*	*10/08/22 15:29*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/06/22 16:48*	*10/08/22 15:29*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**71.4**		49.9		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 14:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 14:01	1
OII Range Organics (Over C28-C36)	**71.4**		49.9		mg/Kg		09/29/22 14:32	09/30/22 14:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*88*		*70 - 130*	*09/29/22 14:32*	*09/30/22 14:01*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*09/29/22 14:32*	*09/30/22 14:01*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-91

Date Collected: 09/27/22 13:52
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-9
Matrix: Solid

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.6**		4.99		mg/Kg			09/30/22 04:01	1

Client Sample ID: C-92

Date Collected: 09/27/22 13:54
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-10
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 15:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 15:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 15:49	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:48	10/08/22 15:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 15:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:48	10/08/22 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/06/22 16:48*	*10/08/22 15:49*	*1*
1,4-Difluorobenzene (Surr)	*118*		*70 - 130*	*10/06/22 16:48*	*10/08/22 15:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**54.4**		50.0		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 14:22	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 14:22	1
OII Range Organics (Over C28-C36)	**54.4**		50.0		mg/Kg		09/29/22 14:32	09/30/22 14:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*09/29/22 14:32*	*09/30/22 14:22*	*1*
o-Terphenyl (Surr)	*86*		*70 - 130*	*09/29/22 14:32*	*09/30/22 14:22*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**198**		4.96		mg/Kg			09/30/22 04:16	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-93

Lab Sample ID: 890-3080-11
Matrix: Solid
Date Collected: 09/27/22 13:56
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 17:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 17:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 17:40	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 16:48	10/08/22 17:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 17:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 16:48	10/08/22 17:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*10/06/22 16:48*	*10/08/22 17:40*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*10/06/22 16:48*	*10/08/22 17:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**50.3**		50.0		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 15:03	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 15:03	1
OII Range Organics (Over C28-C36)	**50.3**		50.0		mg/Kg		09/29/22 14:32	09/30/22 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*09/29/22 14:32*	*09/30/22 15:03*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*09/29/22 14:32*	*09/30/22 15:03*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		4.97		mg/Kg			09/30/22 04:20	1

Client Sample ID: C-94

Lab Sample ID: 890-3080-12
Matrix: Solid
Date Collected: 09/27/22 14:00
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 18:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 18:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 18:00	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:48	10/08/22 18:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 18:00	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:48	10/08/22 18:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*10/06/22 16:48*	*10/08/22 18:00*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-94

Date Collected: 09/27/22 14:00
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-12

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*10/06/22 16:48*	*10/08/22 18:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		09/29/22 14:32	09/30/22 15:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		09/29/22 14:32	09/30/22 15:24	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		09/29/22 14:32	09/30/22 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*09/29/22 14:32*	*09/30/22 15:24*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*09/29/22 14:32*	*09/30/22 15:24*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		5.02	mg/Kg			09/30/22 04:25	1

Client Sample ID: C-95

Date Collected: 09/27/22 14:02
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-13

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		10/06/22 16:48	10/08/22 18:21	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/06/22 16:48	10/08/22 18:21	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/06/22 16:48	10/08/22 18:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/06/22 16:48	10/08/22 18:21	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/06/22 16:48	10/08/22 18:21	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/06/22 16:48	10/08/22 18:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*10/06/22 16:48*	*10/08/22 18:21*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/06/22 16:48*	*10/08/22 18:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**74.0**		49.9	mg/Kg			10/03/22 09:36	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-95

Lab Sample ID: 890-3080-13
Matrix: Solid
Date Collected: 09/27/22 14:02
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 15:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 15:44	1
OII Range Organics (Over C28-C36)	**74.0**		49.9		mg/Kg		09/29/22 14:32	09/30/22 15:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*89*		*70 - 130*	*09/29/22 14:32*	*09/30/22 15:44*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*09/29/22 14:32*	*09/30/22 15:44*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**58.6**		4.99		mg/Kg			09/30/22 04:30	1

Client Sample ID: C-96

Lab Sample ID: 890-3080-14
Matrix: Solid
Date Collected: 09/27/22 14:04
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 18:41	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 18:41	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 18:41	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:48	10/08/22 18:41	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 18:41	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:48	10/08/22 18:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*10/06/22 16:48*	*10/08/22 18:41*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/06/22 16:48*	*10/08/22 18:41*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**68.3**		49.9		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 16:05	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 16:05	1
OII Range Organics (Over C28-C36)	**68.3**		49.9		mg/Kg		09/29/22 14:32	09/30/22 16:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*09/29/22 14:32*	*09/30/22 16:05*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*09/29/22 14:32*	*09/30/22 16:05*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-96

Lab Sample ID: 890-3080-14
Matrix: Solid
Date Collected: 09/27/22 14:04
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	88.0		4.97		mg/Kg			09/30/22 04:35	1

Client Sample ID: C-97

Lab Sample ID: 890-3080-15
Matrix: Solid
Date Collected: 09/27/22 09:01
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 19:01	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 19:01	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 19:01	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:48	10/08/22 19:01	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 19:01	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:48	10/08/22 19:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*10/06/22 16:48*	*10/08/22 19:01*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*10/06/22 16:48*	*10/08/22 19:01*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 16:25	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 16:25	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*09/29/22 14:32*	*09/30/22 16:25*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*09/29/22 14:32*	*09/30/22 16:25*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	114		4.95		mg/Kg			09/30/22 04:40	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-98

Lab Sample ID: 890-3080-16
Matrix: Solid
Date Collected: 09/27/22 09:03
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 19:22	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 19:22	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 19:22	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/06/22 16:48	10/08/22 19:22	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 19:22	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/06/22 16:48	10/08/22 19:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*10/06/22 16:48*	*10/08/22 19:22*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*10/06/22 16:48*	*10/08/22 19:22*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 16:46	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 16:46	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 16:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*09/29/22 14:32*	*09/30/22 16:46*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*09/29/22 14:32*	*09/30/22 16:46*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**57.3**		5.02		mg/Kg			09/30/22 04:54	1

Client Sample ID: C-99

Lab Sample ID: 890-3080-17
Matrix: Solid
Date Collected: 09/27/22 09:06
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 19:42	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 19:42	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 19:42	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 16:48	10/08/22 19:42	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:48	10/08/22 19:42	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 16:48	10/08/22 19:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/06/22 16:48*	*10/08/22 19:42*	*1*

Eurofins Carlsbad

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-99

Date Collected: 09/27/22 09:06
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-17
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/06/22 16:48*	*10/08/22 19:42*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		09/29/22 14:32	09/30/22 17:06	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		09/29/22 14:32	09/30/22 17:06	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/29/22 14:32	09/30/22 17:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*09/29/22 14:32*	*09/30/22 17:06*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*09/29/22 14:32*	*09/30/22 17:06*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**118**		5.04	mg/Kg			09/30/22 04:59	1

Client Sample ID: C-100

Date Collected: 09/27/22 09:09
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-18
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		10/06/22 16:48	10/08/22 20:03	1
Toluene	<0.00201	U	0.00201	mg/Kg		10/06/22 16:48	10/08/22 20:03	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		10/06/22 16:48	10/08/22 20:03	1
m-Xylene & p-Xylene	<0.00402	U	0.00402	mg/Kg		10/06/22 16:48	10/08/22 20:03	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		10/06/22 16:48	10/08/22 20:03	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		10/06/22 16:48	10/08/22 20:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/06/22 16:48*	*10/08/22 20:03*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*10/06/22 16:48*	*10/08/22 20:03*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			10/03/22 09:36	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-100

Lab Sample ID: 890-3080-18
Matrix: Solid
Date Collected: 09/27/22 09:09
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 17:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 17:26	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*09/29/22 14:32*	*09/30/22 17:26*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*09/29/22 14:32*	*09/30/22 17:26*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		5.00		mg/Kg			09/30/22 05:14	1

Client Sample ID: C-101

Lab Sample ID: 890-3080-19
Matrix: Solid
Date Collected: 09/27/22 09:18
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 20:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 20:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 20:23	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:48	10/08/22 20:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 20:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:48	10/08/22 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*10/06/22 16:48*	*10/08/22 20:23*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*10/06/22 16:48*	*10/08/22 20:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**68.2**		49.9		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 17:47	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 17:47	1
OII Range Organics (Over C28-C36)	**68.2**		49.9		mg/Kg		09/29/22 14:32	09/30/22 17:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*09/29/22 14:32*	*09/30/22 17:47*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*09/29/22 14:32*	*09/30/22 17:47*	*1*

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 890-3080-1
Project/Site: Turkey Track SDG: 22-0104-02

Client Sample ID: C-101 Lab Sample ID: 890-3080-19

Date Collected: 09/27/22 09:18 **Matrix: Solid**
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	119		5.03		mg/Kg			09/30/22 05:19	1

Client Sample ID: C-102 Lab Sample ID: 890-3080-20

Date Collected: 09/27/22 09:20 **Matrix: Solid**
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 20:44	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 20:44	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 20:44	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:48	10/08/22 20:44	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:48	10/08/22 20:44	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:48	10/08/22 20:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*122*		*70 - 130*	*10/06/22 16:48*	*10/08/22 20:44*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/06/22 16:48*	*10/08/22 20:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	57.6		49.9		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 18:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 14:32	09/30/22 18:07	1
OII Range Organics (Over C28-C36)	57.6		49.9		mg/Kg		09/29/22 14:32	09/30/22 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*09/29/22 14:32*	*09/30/22 18:07*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*09/29/22 14:32*	*09/30/22 18:07*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	77.7		5.05		mg/Kg			09/30/22 05:23	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-103

Date Collected: 09/27/22 09:22
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-21
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:44	10/08/22 03:44	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:44	10/08/22 03:44	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:44	10/08/22 03:44	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 16:44	10/08/22 03:44	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:44	10/08/22 03:44	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 16:44	10/08/22 03:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*10/06/22 16:44*	*10/08/22 03:44*	*1*
1,4-Difluorobenzene (Surr)	*61*	*S1-*	*70 - 130*	*10/06/22 16:44*	*10/08/22 03:44*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	50.0		mg/Kg		09/29/22 13:24	09/30/22 20:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/22 13:24	09/30/22 20:15	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/22 13:24	09/30/22 20:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*09/29/22 13:24*	*09/30/22 20:15*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*09/29/22 13:24*	*09/30/22 20:15*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**136**		4.98		mg/Kg			09/30/22 05:28	1

Client Sample ID: C-104

Date Collected: 09/27/22 09:25
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:44	10/08/22 04:04	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:44	10/08/22 04:04	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:44	10/08/22 04:04	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:44	10/08/22 04:04	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:44	10/08/22 04:04	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:44	10/08/22 04:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*37*	*S1-*	*70 - 130*	*10/06/22 16:44*	*10/08/22 04:04*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-104

Date Collected: 09/27/22 09:25
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/06/22 16:44*	*10/08/22 04:04*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**244**		50.0	mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		09/29/22 13:24	09/30/22 21:19	1
Diesel Range Organics (Over C10-C28)	**244**		50.0	mg/Kg		09/29/22 13:24	09/30/22 21:19	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/29/22 13:24	09/30/22 21:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*09/29/22 13:24*	*09/30/22 21:19*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*09/29/22 13:24*	*09/30/22 21:19*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.3**		4.99	mg/Kg			09/30/22 05:33	1

Client Sample ID: C-105

Date Collected: 09/27/22 09:27
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-23
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		10/06/22 16:44	10/08/22 04:25	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/06/22 16:44	10/08/22 04:25	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/06/22 16:44	10/08/22 04:25	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/06/22 16:44	10/08/22 04:25	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/06/22 16:44	10/08/22 04:25	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/06/22 16:44	10/08/22 04:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/06/22 16:44*	*10/08/22 04:25*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/06/22 16:44*	*10/08/22 04:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**450**		50.0	mg/Kg			10/03/22 09:36	1

Client Sample Results

Client: Larson & Associates, Inc. Job ID: 890-3080-1
Project/Site: Turkey Track SDG: 22-0104-02

Client Sample ID: C-105
Lab Sample ID: 890-3080-23
Date Collected: 09/27/22 09:27
Matrix: Solid
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/22 13:24	09/30/22 21:41	1
Diesel Range Organics (Over C10-C28)	**450**		50.0		mg/Kg		09/29/22 13:24	09/30/22 21:41	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/22 13:24	09/30/22 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*09/29/22 13:24*	*09/30/22 21:41*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*09/29/22 13:24*	*09/30/22 21:41*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.2**		4.99		mg/Kg			09/30/22 05:38	1

Client Sample ID: C-106
Lab Sample ID: 890-3080-24
Date Collected: 09/27/22 09:30
Matrix: Solid
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/08/22 04:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/08/22 04:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/08/22 04:46	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/06/22 16:44	10/08/22 04:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/08/22 04:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/06/22 16:44	10/08/22 04:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/06/22 16:44*	*10/08/22 04:46*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*10/06/22 16:44*	*10/08/22 04:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 13:24	09/30/22 22:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 13:24	09/30/22 22:03	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/29/22 13:24	09/30/22 22:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*09/29/22 13:24*	*09/30/22 22:03*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*09/29/22 13:24*	*09/30/22 22:03*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-106

Lab Sample ID: 890-3080-24
Matrix: Solid
Date Collected: 09/27/22 09:30
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	62.0		4.96		mg/Kg			09/30/22 05:43	1

Client Sample ID: C-107

Lab Sample ID: 890-3080-25
Matrix: Solid
Date Collected: 09/27/22 09:32
Date Received: 09/27/22 15:57
Sample Depth: 3'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/08/22 05:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/08/22 05:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/08/22 05:07	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:44	10/08/22 05:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/08/22 05:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:44	10/08/22 05:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*10/06/22 16:44*	*10/08/22 05:07*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*10/06/22 16:44*	*10/08/22 05:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		09/29/22 13:24	09/30/22 22:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/22 13:24	09/30/22 22:24	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/22 13:24	09/30/22 22:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*09/29/22 13:24*	*09/30/22 22:24*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*09/29/22 13:24*	*09/30/22 22:24*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	67.0		4.99		mg/Kg			09/30/22 00:47	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-108

Date Collected: 09/27/22 09:34
Date Received: 09/27/22 15:57
Sample Depth: 3'

Lab Sample ID: 890-3080-26

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:44	10/08/22 05:27	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:44	10/08/22 05:27	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:44	10/08/22 05:27	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:44	10/08/22 05:27	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:44	10/08/22 05:27	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:44	10/08/22 05:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*10/06/22 16:44*	*10/08/22 05:27*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/06/22 16:44*	*10/08/22 05:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/08/22 09:02	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/22 09:36	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		09/29/22 13:24	09/30/22 22:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/29/22 13:24	09/30/22 22:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/29/22 13:24	09/30/22 22:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*09/29/22 13:24*	*09/30/22 22:45*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*09/29/22 13:24*	*09/30/22 22:45*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**81.0**		5.02		mg/Kg			09/30/22 01:02	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

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)										
890-3068-A-1-F MS	Matrix Spike	92	76										
890-3068-A-1-G MSD	Matrix Spike Duplicate	105	96										
890-3080-1	C-82	117	108										
890-3080-1 MS	C-82	118	106										
890-3080-1 MSD	C-82	121	108										
890-3080-2	C-83	114	123										
890-3080-3	C-84	118	101										
890-3080-4	C-85	120	103										
890-3080-5	C-86	115	106										
890-3080-6	C-87	117	109										
890-3080-7	C-89	124	106										
890-3080-8	C-90	126	103										
890-3080-9	C-91	118	105										
890-3080-10	C-92	123	118										
890-3080-11	C-93	127	103										
890-3080-12	C-94	116	108										
890-3080-13	C-95	118	106										
890-3080-14	C-96	97	114										
890-3080-15	C-97	118	107										
890-3080-16	C-98	118	107										
890-3080-17	C-99	122	106										
890-3080-18	C-100	115	105										
890-3080-19	C-101	120	103										
890-3080-20	C-102	122	101										
890-3080-21	C-103	93	61 S1-										
890-3080-22	C-104	37 S1-	75										
890-3080-23	C-105	114	102										
890-3080-24	C-106	115	102										
890-3080-25	C-107	134 S1+	87										
890-3080-26	C-108	138 S1+	90										
LCS 880-36296/1-A	Lab Control Sample	94	97										
LCS 880-36297/1-A	Lab Control Sample	116	101										
LCSD 880-36296/2-A	Lab Control Sample Dup	95	95										
LCSD 880-36297/2-A	Lab Control Sample Dup	121	104										
MB 880-36284/5-A	Method Blank	98	82										
MB 880-36288/5-A	Method Blank	106	115										
MB 880-36296/5-A	Method Blank	102	83										
MB 880-36297/5-A	Method Blank	108	114										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)										
890-3080-1	C-82	80	85										

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 890-3080-1
Project/Site: Turkey Track SDG: 22-0104-02

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)								
890-3080-1 MS	C-82	80	73								
890-3080-1 MSD	C-82	87	84								
890-3080-2	C-83	92	95								
890-3080-3	C-84	99	106								
890-3080-4	C-85	89	93								
890-3080-5	C-86	96	103								
890-3080-6	C-87	99	107								
890-3080-7	C-89	87	90								
890-3080-8	C-90	96	102								
890-3080-9	C-91	88	94								
890-3080-10	C-92	86	86								
890-3080-11	C-93	90	93								
890-3080-12	C-94	96	102								
890-3080-13	C-95	89	93								
890-3080-14	C-96	86	92								
890-3080-15	C-97	94	97								
890-3080-16	C-98	92	96								
890-3080-17	C-99	100	108								
890-3080-18	C-100	87	90								
890-3080-19	C-101	95	102								
890-3080-20	C-102	95	101								
890-3080-21	C-103	102	99								
890-3080-21 MS	C-103	106	89								
890-3080-21 MSD	C-103	96	80								
890-3080-22	C-104	112	110								
890-3080-23	C-105	97	96								
890-3080-24	C-106	115	113								
890-3080-25	C-107	103	99								
890-3080-26	C-108	101	101								
LCS 880-35711/2-A	Lab Control Sample	118	103								
LCS 880-35715/2-A	Lab Control Sample	111	110								
LCSD 880-35711/3-A	Lab Control Sample Dup	109	110								
LCSD 880-35715/3-A	Lab Control Sample Dup	100	102								
MB 880-35711/1-A	Method Blank	119	109								
MB 880-35715/1-A	Method Blank	87	91								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36284/5-A
Matrix: Solid
Analysis Batch: 36323

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36284

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:09	10/07/22 10:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:09	10/07/22 10:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:09	10/07/22 10:37	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/22 15:09	10/07/22 10:37	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:09	10/07/22 10:37	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/22 15:09	10/07/22 10:37	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/06/22 15:09*	*10/07/22 10:37*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/06/22 15:09*	*10/07/22 10:37*	*1*

Lab Sample ID: MB 880-36288/5-A
Matrix: Solid
Analysis Batch: 36341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36288

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 00:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 00:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 00:25	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/22 15:36	10/08/22 00:25	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:36	10/08/22 00:25	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/22 15:36	10/08/22 00:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/06/22 15:36*	*10/08/22 00:25*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*10/06/22 15:36*	*10/08/22 00:25*	*1*

Lab Sample ID: MB 880-36296/5-A
Matrix: Solid
Analysis Batch: 36323

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36296

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/07/22 21:29	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/07/22 21:29	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/07/22 21:29	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/22 16:44	10/07/22 21:29	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:44	10/07/22 21:29	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/22 16:44	10/07/22 21:29	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/06/22 16:44*	*10/07/22 21:29*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*10/06/22 16:44*	*10/07/22 21:29*	*1*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-36296/1-A
Matrix: Solid
Analysis Batch: 36323

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36296

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1000		mg/Kg		100	70 - 130		
Toluene			0.100	0.1030		mg/Kg		103	70 - 130		
Ethylbenzene			0.100	0.09760		mg/Kg		98	70 - 130		
m-Xylene & p-Xylene			0.200	0.2073		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1060		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-36296/2-A
Matrix: Solid
Analysis Batch: 36323

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36296

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1015		mg/Kg		101	70 - 130	1	35
Toluene			0.100	0.1107		mg/Kg		111	70 - 130	7	35
Ethylbenzene			0.100	0.1022		mg/Kg		102	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2208		mg/Kg		110	70 - 130	6	35
o-Xylene			0.100	0.1109		mg/Kg		111	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-3068-A-1-F MS
Matrix: Solid
Analysis Batch: 36323

Client Sample ID: Matrix Spike
Prep Type: Total/NA
Prep Batch: 36296

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U F1 F2	0.100	0.02395	F1	mg/Kg		24	70 - 130		
Toluene	<0.00200	U F1 F2	0.100	0.03824	F1	mg/Kg		37	70 - 130		
Ethylbenzene	<0.00200	U F1	0.100	0.03719	F1	mg/Kg		37	70 - 130		
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.201	0.06673	F1	mg/Kg		33	70 - 130		
o-Xylene	<0.00200	U F1 F2	0.100	0.03598	F1	mg/Kg		36	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*
1,4-Difluorobenzene (Surr)	*76*		*70 - 130*

Lab Sample ID: 890-3068-A-1-G MSD
Matrix: Solid
Analysis Batch: 36323

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 36296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U F1 F2	0.0990	0.06384	F1 F2	mg/Kg		64	70 - 130	91	35
Toluene	<0.00200	U F1 F2	0.0990	0.06418	F1 F2	mg/Kg		64	70 - 130	51	35
Ethylbenzene	<0.00200	U F1	0.0990	0.05261	F1	mg/Kg		53	70 - 130	34	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3068-A-1-G MSD
Matrix: Solid
Analysis Batch: 36323

Client Sample ID: Matrix Spike Duplicate
Prep Type: Total/NA
Prep Batch: 36296

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
m-Xylene & p-Xylene	<0.00399	U F1 F2	0.198	0.1138	F1 F2	mg/Kg		57	70 - 130	52	35
o-Xylene	<0.00200	U F1 F2	0.0990	0.05730	F1 F2	mg/Kg		58	70 - 130	46	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: MB 880-36297/5-A
Matrix: Solid
Analysis Batch: 36341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36297

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 12:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 12:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 12:00	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/22 16:48	10/08/22 12:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:48	10/08/22 12:00	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/22 16:48	10/08/22 12:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*10/06/22 16:48*	*10/08/22 12:00*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/06/22 16:48*	*10/08/22 12:00*	*1*

Lab Sample ID: LCS 880-36297/1-A
Matrix: Solid
Analysis Batch: 36341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36297

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08255		mg/Kg		83	70 - 130		
Toluene			0.100	0.09419		mg/Kg		94	70 - 130		
Ethylbenzene			0.100	0.09649		mg/Kg		96	70 - 130		
m-Xylene & p-Xylene			0.200	0.1970		mg/Kg		98	70 - 130		
o-Xylene			0.100	0.1005		mg/Kg		100	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: LCSD 880-36297/2-A
Matrix: Solid
Analysis Batch: 36341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36297

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1042		mg/Kg		104	70 - 130	23	35
Toluene			0.100	0.1115		mg/Kg		112	70 - 130	17	35
Ethylbenzene			0.100	0.1120		mg/Kg		112	70 - 130	15	35
m-Xylene & p-Xylene			0.200	0.2289		mg/Kg		114	70 - 130	15	35
o-Xylene			0.100	0.1156		mg/Kg		116	70 - 130	14	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	104		70 - 130

Lab Sample ID: 890-3080-1 MS
Matrix: Solid
Analysis Batch: 36341

Client Sample ID: C-82
Prep Type: Total/NA
Prep Batch: 36297

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.100	0.09111		mg/Kg		91	70 - 130
Toluene	<0.00201	U	0.100	0.09024		mg/Kg		90	70 - 130
Ethylbenzene	<0.00201	U F1	0.100	0.06019	F1	mg/Kg		60	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.201	0.1715		mg/Kg		85	70 - 130
o-Xylene	<0.00201	U	0.100	0.09514		mg/Kg		95	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	118		70 - 130
1,4-Difluorobenzene (Surr)	106		70 - 130

Lab Sample ID: 890-3080-1 MSD
Matrix: Solid
Analysis Batch: 36341

Client Sample ID: C-82
Prep Type: Total/NA
Prep Batch: 36297

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0996	0.08288		mg/Kg		83	70 - 130	9	35
Toluene	<0.00201	U	0.0996	0.08319		mg/Kg		84	70 - 130	8	35
Ethylbenzene	<0.00201	U F1	0.0996	0.05120	F1	mg/Kg		51	70 - 130	16	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1517		mg/Kg		76	70 - 130	12	35
o-Xylene	<0.00201	U	0.0996	0.08712		mg/Kg		87	70 - 130	9	35

Surrogate	MSD %Recovery	MSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	121		70 - 130
1,4-Difluorobenzene (Surr)	108		70 - 130

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-35711/1-A
Matrix: Solid
Analysis Batch: 35736

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35711

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		09/29/22 13:24	09/30/22 19:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		09/29/22 13:24	09/30/22 19:10	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		09/29/22 13:24	09/30/22 19:10	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	119		70 - 130	09/29/22 13:24	09/30/22 19:10	1
o-Terphenyl (Surr)	109		70 - 130	09/29/22 13:24	09/30/22 19:10	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-35711/2-A
Matrix: Solid
Analysis Batch: 35736

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35711

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	825.2		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	990.0		mg/Kg		99	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*118*		*70 - 130*
o-Terphenyl (Surr)	*103*		*70 - 130*

Lab Sample ID: LCSD 880-35711/3-A
Matrix: Solid
Analysis Batch: 35736

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35711

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	929.3		mg/Kg		93	70 - 130	12	20
Diesel Range Organics (Over C10-C28)			1000	1053		mg/Kg		105	70 - 130	6	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*109*		*70 - 130*
o-Terphenyl (Surr)	*110*		*70 - 130*

Lab Sample ID: 890-3080-21 MS
Matrix: Solid
Analysis Batch: 35736

Client Sample ID: C-103
Prep Type: Total/NA
Prep Batch: 35711

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	998	661.8	F1	mg/Kg		66	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	955.8		mg/Kg		93	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*89*		*70 - 130*

Lab Sample ID: 890-3080-21 MSD
Matrix: Solid
Analysis Batch: 35736

Client Sample ID: C-103
Prep Type: Total/NA
Prep Batch: 35711

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F1	999	693.2	F1	mg/Kg		69	70 - 130	5	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	867.0		mg/Kg		84	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*96*		*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-3080-21 MSD
Matrix: Solid
Analysis Batch: 35736

Client Sample ID: C-103
Prep Type: Total/NA
Prep Batch: 35711

Surrogate	MSD %Recovery	MSD Qualifier	Limits
o-Terphenyl (Surr)	80		70 - 130

Lab Sample ID: MB 880-35715/1-A
Matrix: Solid
Analysis Batch: 35742

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35715

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		09/29/22 14:32	09/30/22 09:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 09:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/29/22 14:32	09/30/22 09:28	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	87		70 - 130	09/29/22 14:32	09/30/22 09:28	1
o-Terphenyl (Surr)	91		70 - 130	09/29/22 14:32	09/30/22 09:28	1

Lab Sample ID: LCS 880-35715/2-A
Matrix: Solid
Analysis Batch: 35742

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35715

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1051		mg/Kg		105	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	888.0		mg/Kg		89	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-35715/3-A
Matrix: Solid
Analysis Batch: 35742

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35715

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1004		mg/Kg		100	70 - 130	5	20
Diesel Range Organics (Over C10-C28)			1000	862.1		mg/Kg		86	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	102		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-3080-1 MS
Matrix: Solid
Analysis Batch: 35742

Client Sample ID: C-82
Prep Type: Total/NA
Prep Batch: 35715

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	992.0		mg/Kg		97	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U F1	998	666.2	F1	mg/Kg		64	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*80*		*70 - 130*
o-Terphenyl (Surr)	*73*		*70 - 130*

Lab Sample ID: 890-3080-1 MSD
Matrix: Solid
Analysis Batch: 35742

Client Sample ID: C-82
Prep Type: Total/NA
Prep Batch: 35715

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1022		mg/Kg		100	70 - 130	3	20
Diesel Range Organics (Over C10-C28)	<50.0	U F1	999	734.9		mg/Kg		71	70 - 130	10	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*87*		*70 - 130*
o-Terphenyl (Surr)	*84*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-35680/1-A
Matrix: Solid
Analysis Batch: 35721

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			09/29/22 21:43	1

Lab Sample ID: LCS 880-35680/2-A
Matrix: Solid
Analysis Batch: 35721

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	247.4		mg/Kg		99	90 - 110

Lab Sample ID: LCSD 880-35680/3-A
Matrix: Solid
Analysis Batch: 35721

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	248.0		mg/Kg		99	90 - 110	0	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-3076-A-1-B MS
Matrix: Solid
Analysis Batch: 35721

Client Sample ID: Matrix Spike
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	56.2		248	304.2		mg/Kg		100	90 - 110		

Lab Sample ID: 890-3076-A-1-C MSD
Matrix: Solid
Analysis Batch: 35721

Client Sample ID: Matrix Spike Duplicate
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	56.2		248	303.8		mg/Kg		100	90 - 110	0	20

Lab Sample ID: MB 880-35682/1-A
Matrix: Solid
Analysis Batch: 35722

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			09/30/22 00:33	1

Lab Sample ID: LCS 880-35682/2-A
Matrix: Solid
Analysis Batch: 35722

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	248.7		mg/Kg		99	90 - 110		

Lab Sample ID: LCSD 880-35682/3-A
Matrix: Solid
Analysis Batch: 35722

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	249.0		mg/Kg		100	90 - 110	0	20

Lab Sample ID: 890-3080-25 MS
Matrix: Solid
Analysis Batch: 35722

Client Sample ID: C-107
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	67.0		250	312.2		mg/Kg		98	90 - 110		

Lab Sample ID: 890-3080-25 MSD
Matrix: Solid
Analysis Batch: 35722

Client Sample ID: C-107
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	67.0		250	313.7		mg/Kg		99	90 - 110	0	20

Lab Sample ID: MB 880-35681/1-A
Matrix: Solid
Analysis Batch: 35753

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			09/30/22 03:18	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: LCS 880-35681/2-A
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	244.6		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-35681/3-A
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	272.4		mg/Kg		109	90 - 110	11	20

Lab Sample ID: 890-3080-5 MS
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: C-86
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	24.3		251	273.8		mg/Kg		100	90 - 110		

Lab Sample ID: 890-3080-5 MSD
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: C-86
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	24.3		251	272.3		mg/Kg		99	90 - 110	1	20

Lab Sample ID: 890-3080-15 MS
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: C-97
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	114		248	361.5		mg/Kg		100	90 - 110		

Lab Sample ID: 890-3080-15 MSD
Matrix: Solid
Analysis Batch: 35753

Client Sample ID: C-97
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	114		248	360.8		mg/Kg		100	90 - 110	0	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

GC VOA

Prep Batch: 36284

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-36284/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 36288

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-36288/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 36296

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-21	C-103	Total/NA	Solid	5035	
890-3080-22	C-104	Total/NA	Solid	5035	
890-3080-23	C-105	Total/NA	Solid	5035	
890-3080-24	C-106	Total/NA	Solid	5035	
890-3080-25	C-107	Total/NA	Solid	5035	
890-3080-26	C-108	Total/NA	Solid	5035	
MB 880-36296/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36296/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36296/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3068-A-1-F MS	Matrix Spike	Total/NA	Solid	5035	
890-3068-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	5035	

Prep Batch: 36297

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-1	C-82	Total/NA	Solid	5035	
890-3080-2	C-83	Total/NA	Solid	5035	
890-3080-3	C-84	Total/NA	Solid	5035	
890-3080-4	C-85	Total/NA	Solid	5035	
890-3080-5	C-86	Total/NA	Solid	5035	
890-3080-6	C-87	Total/NA	Solid	5035	
890-3080-7	C-89	Total/NA	Solid	5035	
890-3080-8	C-90	Total/NA	Solid	5035	
890-3080-9	C-91	Total/NA	Solid	5035	
890-3080-10	C-92	Total/NA	Solid	5035	
890-3080-11	C-93	Total/NA	Solid	5035	
890-3080-12	C-94	Total/NA	Solid	5035	
890-3080-13	C-95	Total/NA	Solid	5035	
890-3080-14	C-96	Total/NA	Solid	5035	
890-3080-15	C-97	Total/NA	Solid	5035	
890-3080-16	C-98	Total/NA	Solid	5035	
890-3080-17	C-99	Total/NA	Solid	5035	
890-3080-18	C-100	Total/NA	Solid	5035	
890-3080-19	C-101	Total/NA	Solid	5035	
890-3080-20	C-102	Total/NA	Solid	5035	
MB 880-36297/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36297/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36297/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3080-1 MS	C-82	Total/NA	Solid	5035	
890-3080-1 MSD	C-82	Total/NA	Solid	5035	

Analysis Batch: 36323

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-21	C-103	Total/NA	Solid	8021B	36296

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

GC VOA (Continued)

Analysis Batch: 36323 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-22	C-104	Total/NA	Solid	8021B	36296
890-3080-23	C-105	Total/NA	Solid	8021B	36296
890-3080-24	C-106	Total/NA	Solid	8021B	36296
890-3080-25	C-107	Total/NA	Solid	8021B	36296
890-3080-26	C-108	Total/NA	Solid	8021B	36296
MB 880-36284/5-A	Method Blank	Total/NA	Solid	8021B	36284
MB 880-36296/5-A	Method Blank	Total/NA	Solid	8021B	36296
LCS 880-36296/1-A	Lab Control Sample	Total/NA	Solid	8021B	36296
LCSD 880-36296/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36296
890-3068-A-1-F MS	Matrix Spike	Total/NA	Solid	8021B	36296
890-3068-A-1-G MSD	Matrix Spike Duplicate	Total/NA	Solid	8021B	36296

Analysis Batch: 36341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-1	C-82	Total/NA	Solid	8021B	36297
890-3080-2	C-83	Total/NA	Solid	8021B	36297
890-3080-3	C-84	Total/NA	Solid	8021B	36297
890-3080-4	C-85	Total/NA	Solid	8021B	36297
890-3080-5	C-86	Total/NA	Solid	8021B	36297
890-3080-6	C-87	Total/NA	Solid	8021B	36297
890-3080-7	C-89	Total/NA	Solid	8021B	36297
890-3080-8	C-90	Total/NA	Solid	8021B	36297
890-3080-9	C-91	Total/NA	Solid	8021B	36297
890-3080-10	C-92	Total/NA	Solid	8021B	36297
890-3080-11	C-93	Total/NA	Solid	8021B	36297
890-3080-12	C-94	Total/NA	Solid	8021B	36297
890-3080-13	C-95	Total/NA	Solid	8021B	36297
890-3080-14	C-96	Total/NA	Solid	8021B	36297
890-3080-15	C-97	Total/NA	Solid	8021B	36297
890-3080-16	C-98	Total/NA	Solid	8021B	36297
890-3080-17	C-99	Total/NA	Solid	8021B	36297
890-3080-18	C-100	Total/NA	Solid	8021B	36297
890-3080-19	C-101	Total/NA	Solid	8021B	36297
890-3080-20	C-102	Total/NA	Solid	8021B	36297
MB 880-36288/5-A	Method Blank	Total/NA	Solid	8021B	36288
MB 880-36297/5-A	Method Blank	Total/NA	Solid	8021B	36297
LCS 880-36297/1-A	Lab Control Sample	Total/NA	Solid	8021B	36297
LCSD 880-36297/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36297
890-3080-1 MS	C-82	Total/NA	Solid	8021B	36297
890-3080-1 MSD	C-82	Total/NA	Solid	8021B	36297

Analysis Batch: 36434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-1	C-82	Total/NA	Solid	Total BTEX	
890-3080-2	C-83	Total/NA	Solid	Total BTEX	
890-3080-3	C-84	Total/NA	Solid	Total BTEX	
890-3080-4	C-85	Total/NA	Solid	Total BTEX	
890-3080-5	C-86	Total/NA	Solid	Total BTEX	
890-3080-6	C-87	Total/NA	Solid	Total BTEX	
890-3080-7	C-89	Total/NA	Solid	Total BTEX	
890-3080-8	C-90	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

GC VOA (Continued)

Analysis Batch: 36434 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-9	C-91	Total/NA	Solid	Total BTEX	
890-3080-10	C-92	Total/NA	Solid	Total BTEX	
890-3080-11	C-93	Total/NA	Solid	Total BTEX	
890-3080-12	C-94	Total/NA	Solid	Total BTEX	
890-3080-13	C-95	Total/NA	Solid	Total BTEX	
890-3080-14	C-96	Total/NA	Solid	Total BTEX	
890-3080-15	C-97	Total/NA	Solid	Total BTEX	
890-3080-16	C-98	Total/NA	Solid	Total BTEX	
890-3080-17	C-99	Total/NA	Solid	Total BTEX	
890-3080-18	C-100	Total/NA	Solid	Total BTEX	
890-3080-19	C-101	Total/NA	Solid	Total BTEX	
890-3080-20	C-102	Total/NA	Solid	Total BTEX	
890-3080-21	C-103	Total/NA	Solid	Total BTEX	
890-3080-22	C-104	Total/NA	Solid	Total BTEX	
890-3080-23	C-105	Total/NA	Solid	Total BTEX	
890-3080-24	C-106	Total/NA	Solid	Total BTEX	
890-3080-25	C-107	Total/NA	Solid	Total BTEX	
890-3080-26	C-108	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 35711

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-21	C-103	Total/NA	Solid	8015NM Prep	
890-3080-22	C-104	Total/NA	Solid	8015NM Prep	
890-3080-23	C-105	Total/NA	Solid	8015NM Prep	
890-3080-24	C-106	Total/NA	Solid	8015NM Prep	
890-3080-25	C-107	Total/NA	Solid	8015NM Prep	
890-3080-26	C-108	Total/NA	Solid	8015NM Prep	
MB 880-35711/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35711/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35711/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3080-21 MS	C-103	Total/NA	Solid	8015NM Prep	
890-3080-21 MSD	C-103	Total/NA	Solid	8015NM Prep	

Prep Batch: 35715

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-1	C-82	Total/NA	Solid	8015NM Prep	
890-3080-2	C-83	Total/NA	Solid	8015NM Prep	
890-3080-3	C-84	Total/NA	Solid	8015NM Prep	
890-3080-4	C-85	Total/NA	Solid	8015NM Prep	
890-3080-5	C-86	Total/NA	Solid	8015NM Prep	
890-3080-6	C-87	Total/NA	Solid	8015NM Prep	
890-3080-7	C-89	Total/NA	Solid	8015NM Prep	
890-3080-8	C-90	Total/NA	Solid	8015NM Prep	
890-3080-9	C-91	Total/NA	Solid	8015NM Prep	
890-3080-10	C-92	Total/NA	Solid	8015NM Prep	
890-3080-11	C-93	Total/NA	Solid	8015NM Prep	
890-3080-12	C-94	Total/NA	Solid	8015NM Prep	
890-3080-13	C-95	Total/NA	Solid	8015NM Prep	
890-3080-14	C-96	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Prep Batch: 35715 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-15	C-97	Total/NA	Solid	8015NM Prep	
890-3080-16	C-98	Total/NA	Solid	8015NM Prep	
890-3080-17	C-99	Total/NA	Solid	8015NM Prep	
890-3080-18	C-100	Total/NA	Solid	8015NM Prep	
890-3080-19	C-101	Total/NA	Solid	8015NM Prep	
890-3080-20	C-102	Total/NA	Solid	8015NM Prep	
MB 880-35715/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35715/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35715/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3080-1 MS	C-82	Total/NA	Solid	8015NM Prep	
890-3080-1 MSD	C-82	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35736

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-21	C-103	Total/NA	Solid	8015B NM	35711
890-3080-22	C-104	Total/NA	Solid	8015B NM	35711
890-3080-23	C-105	Total/NA	Solid	8015B NM	35711
890-3080-24	C-106	Total/NA	Solid	8015B NM	35711
890-3080-25	C-107	Total/NA	Solid	8015B NM	35711
890-3080-26	C-108	Total/NA	Solid	8015B NM	35711
MB 880-35711/1-A	Method Blank	Total/NA	Solid	8015B NM	35711
LCS 880-35711/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35711
LCSD 880-35711/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35711
890-3080-21 MS	C-103	Total/NA	Solid	8015B NM	35711
890-3080-21 MSD	C-103	Total/NA	Solid	8015B NM	35711

Analysis Batch: 35742

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-1	C-82	Total/NA	Solid	8015B NM	35715
890-3080-2	C-83	Total/NA	Solid	8015B NM	35715
890-3080-3	C-84	Total/NA	Solid	8015B NM	35715
890-3080-4	C-85	Total/NA	Solid	8015B NM	35715
890-3080-5	C-86	Total/NA	Solid	8015B NM	35715
890-3080-6	C-87	Total/NA	Solid	8015B NM	35715
890-3080-7	C-89	Total/NA	Solid	8015B NM	35715
890-3080-8	C-90	Total/NA	Solid	8015B NM	35715
890-3080-9	C-91	Total/NA	Solid	8015B NM	35715
890-3080-10	C-92	Total/NA	Solid	8015B NM	35715
890-3080-11	C-93	Total/NA	Solid	8015B NM	35715
890-3080-12	C-94	Total/NA	Solid	8015B NM	35715
890-3080-13	C-95	Total/NA	Solid	8015B NM	35715
890-3080-14	C-96	Total/NA	Solid	8015B NM	35715
890-3080-15	C-97	Total/NA	Solid	8015B NM	35715
890-3080-16	C-98	Total/NA	Solid	8015B NM	35715
890-3080-17	C-99	Total/NA	Solid	8015B NM	35715
890-3080-18	C-100	Total/NA	Solid	8015B NM	35715
890-3080-19	C-101	Total/NA	Solid	8015B NM	35715
890-3080-20	C-102	Total/NA	Solid	8015B NM	35715
MB 880-35715/1-A	Method Blank	Total/NA	Solid	8015B NM	35715
LCS 880-35715/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35715
LCSD 880-35715/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35715

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 35742 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-1 MS	C-82	Total/NA	Solid	8015B NM	35715
890-3080-1 MSD	C-82	Total/NA	Solid	8015B NM	35715

Analysis Batch: 35923

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-1	C-82	Total/NA	Solid	8015 NM	
890-3080-2	C-83	Total/NA	Solid	8015 NM	
890-3080-3	C-84	Total/NA	Solid	8015 NM	
890-3080-4	C-85	Total/NA	Solid	8015 NM	
890-3080-5	C-86	Total/NA	Solid	8015 NM	
890-3080-6	C-87	Total/NA	Solid	8015 NM	
890-3080-7	C-89	Total/NA	Solid	8015 NM	
890-3080-8	C-90	Total/NA	Solid	8015 NM	
890-3080-9	C-91	Total/NA	Solid	8015 NM	
890-3080-10	C-92	Total/NA	Solid	8015 NM	
890-3080-11	C-93	Total/NA	Solid	8015 NM	
890-3080-12	C-94	Total/NA	Solid	8015 NM	
890-3080-13	C-95	Total/NA	Solid	8015 NM	
890-3080-14	C-96	Total/NA	Solid	8015 NM	
890-3080-15	C-97	Total/NA	Solid	8015 NM	
890-3080-16	C-98	Total/NA	Solid	8015 NM	
890-3080-17	C-99	Total/NA	Solid	8015 NM	
890-3080-18	C-100	Total/NA	Solid	8015 NM	
890-3080-19	C-101	Total/NA	Solid	8015 NM	
890-3080-20	C-102	Total/NA	Solid	8015 NM	
890-3080-21	C-103	Total/NA	Solid	8015 NM	
890-3080-22	C-104	Total/NA	Solid	8015 NM	
890-3080-23	C-105	Total/NA	Solid	8015 NM	
890-3080-24	C-106	Total/NA	Solid	8015 NM	
890-3080-25	C-107	Total/NA	Solid	8015 NM	
890-3080-26	C-108	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 35680

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-1	C-82	Soluble	Solid	DI Leach	
890-3080-2	C-83	Soluble	Solid	DI Leach	
890-3080-3	C-84	Soluble	Solid	DI Leach	
890-3080-4	C-85	Soluble	Solid	DI Leach	
MB 880-35680/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35680/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35680/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3076-A-1-B MS	Matrix Spike	Soluble	Solid	DI Leach	
890-3076-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	DI Leach	

Leach Batch: 35681

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-5	C-86	Soluble	Solid	DI Leach	
890-3080-6	C-87	Soluble	Solid	DI Leach	
890-3080-7	C-89	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 35681 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-8	C-90	Soluble	Solid	DI Leach	
890-3080-9	C-91	Soluble	Solid	DI Leach	
890-3080-10	C-92	Soluble	Solid	DI Leach	
890-3080-11	C-93	Soluble	Solid	DI Leach	
890-3080-12	C-94	Soluble	Solid	DI Leach	
890-3080-13	C-95	Soluble	Solid	DI Leach	
890-3080-14	C-96	Soluble	Solid	DI Leach	
890-3080-15	C-97	Soluble	Solid	DI Leach	
890-3080-16	C-98	Soluble	Solid	DI Leach	
890-3080-17	C-99	Soluble	Solid	DI Leach	
890-3080-18	C-100	Soluble	Solid	DI Leach	
890-3080-19	C-101	Soluble	Solid	DI Leach	
890-3080-20	C-102	Soluble	Solid	DI Leach	
890-3080-21	C-103	Soluble	Solid	DI Leach	
890-3080-22	C-104	Soluble	Solid	DI Leach	
890-3080-23	C-105	Soluble	Solid	DI Leach	
890-3080-24	C-106	Soluble	Solid	DI Leach	
MB 880-35681/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35681/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35681/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3080-5 MS	C-86	Soluble	Solid	DI Leach	
890-3080-5 MSD	C-86	Soluble	Solid	DI Leach	
890-3080-15 MS	C-97	Soluble	Solid	DI Leach	
890-3080-15 MSD	C-97	Soluble	Solid	DI Leach	

Leach Batch: 35682

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-25	C-107	Soluble	Solid	DI Leach	
890-3080-26	C-108	Soluble	Solid	DI Leach	
MB 880-35682/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35682/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35682/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3080-25 MS	C-107	Soluble	Solid	DI Leach	
890-3080-25 MSD	C-107	Soluble	Solid	DI Leach	

Analysis Batch: 35721

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-1	C-82	Soluble	Solid	300.0	35680
890-3080-2	C-83	Soluble	Solid	300.0	35680
890-3080-3	C-84	Soluble	Solid	300.0	35680
890-3080-4	C-85	Soluble	Solid	300.0	35680
MB 880-35680/1-A	Method Blank	Soluble	Solid	300.0	35680
LCS 880-35680/2-A	Lab Control Sample	Soluble	Solid	300.0	35680
LCSD 880-35680/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35680
890-3076-A-1-B MS	Matrix Spike	Soluble	Solid	300.0	35680
890-3076-A-1-C MSD	Matrix Spike Duplicate	Soluble	Solid	300.0	35680

Analysis Batch: 35722

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-25	C-107	Soluble	Solid	300.0	35682
890-3080-26	C-108	Soluble	Solid	300.0	35682

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

HPLC/IC (Continued)

Analysis Batch: 35722 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-35682/1-A	Method Blank	Soluble	Solid	300.0	35682
LCS 880-35682/2-A	Lab Control Sample	Soluble	Solid	300.0	35682
LCSD 880-35682/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35682
890-3080-25 MS	C-107	Soluble	Solid	300.0	35682
890-3080-25 MSD	C-107	Soluble	Solid	300.0	35682

Analysis Batch: 35753

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3080-5	C-86	Soluble	Solid	300.0	35681
890-3080-6	C-87	Soluble	Solid	300.0	35681
890-3080-7	C-89	Soluble	Solid	300.0	35681
890-3080-8	C-90	Soluble	Solid	300.0	35681
890-3080-9	C-91	Soluble	Solid	300.0	35681
890-3080-10	C-92	Soluble	Solid	300.0	35681
890-3080-11	C-93	Soluble	Solid	300.0	35681
890-3080-12	C-94	Soluble	Solid	300.0	35681
890-3080-13	C-95	Soluble	Solid	300.0	35681
890-3080-14	C-96	Soluble	Solid	300.0	35681
890-3080-15	C-97	Soluble	Solid	300.0	35681
890-3080-16	C-98	Soluble	Solid	300.0	35681
890-3080-17	C-99	Soluble	Solid	300.0	35681
890-3080-18	C-100	Soluble	Solid	300.0	35681
890-3080-19	C-101	Soluble	Solid	300.0	35681
890-3080-20	C-102	Soluble	Solid	300.0	35681
890-3080-21	C-103	Soluble	Solid	300.0	35681
890-3080-22	C-104	Soluble	Solid	300.0	35681
890-3080-23	C-105	Soluble	Solid	300.0	35681
890-3080-24	C-106	Soluble	Solid	300.0	35681
MB 880-35681/1-A	Method Blank	Soluble	Solid	300.0	35681
LCS 880-35681/2-A	Lab Control Sample	Soluble	Solid	300.0	35681
LCSD 880-35681/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35681
890-3080-5 MS	C-86	Soluble	Solid	300.0	35681
890-3080-5 MSD	C-86	Soluble	Solid	300.0	35681
890-3080-15 MS	C-97	Soluble	Solid	300.0	35681
890-3080-15 MSD	C-97	Soluble	Solid	300.0	35681

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-82

Date Collected: 09/27/22 13:01
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-1
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			4.97 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 10:30	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35680	09/29/22 12:00	SMC	EET MID
Soluble	Analysis	300.0		1			35721	09/29/22 23:54	CH	EET MID

Client Sample ID: C-83

Date Collected: 09/27/22 13:05
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 12:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 11:33	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35680	09/29/22 12:00	SMC	EET MID
Soluble	Analysis	300.0		1			35721	09/29/22 23:59	CH	EET MID

Client Sample ID: C-84

Date Collected: 09/27/22 13:10
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-3
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	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 11:53	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35680	09/29/22 12:00	SMC	EET MID
Soluble	Analysis	300.0		1			35721	09/30/22 00:04	CH	EET MID

Client Sample ID: C-85

Date Collected: 09/27/22 13:20
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-4
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	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 13:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-85

Lab Sample ID: 890-3080-4
Matrix: Solid
Date Collected: 09/27/22 13:20
Date Received: 09/27/22 15:57

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			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 12:14	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35680	09/29/22 12:00	SMC	EET MID
Soluble	Analysis	300.0		1			35721	09/30/22 00:09	CH	EET MID

Client Sample ID: C-86

Lab Sample ID: 890-3080-5
Matrix: Solid
Date Collected: 09/27/22 13:30
Date Received: 09/27/22 15:57

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	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 12:35	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 03:32	CH	EET MID

Client Sample ID: C-87

Lab Sample ID: 890-3080-6
Matrix: Solid
Date Collected: 09/27/22 13:40
Date Received: 09/27/22 15:57

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	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 12:56	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 03:47	CH	EET MID

Client Sample ID: C-89

Lab Sample ID: 890-3080-7
Matrix: Solid
Date Collected: 09/27/22 13:45
Date Received: 09/27/22 15:57

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	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 14:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 13:18	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-89
Date Collected: 09/27/22 13:45
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-7
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 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 03:51	CH	EET MID

Client Sample ID: C-90
Date Collected: 09/27/22 13:50
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-8
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			4.96 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 13:39	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 03:56	CH	EET MID

Client Sample ID: C-91
Date Collected: 09/27/22 13:52
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 15:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 14:01	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 04:01	CH	EET MID

Client Sample ID: C-92
Date Collected: 09/27/22 13:54
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-10
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			5.02 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 15:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 14:22	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 04:16	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-93

Date Collected: 09/27/22 13:56
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-11
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			4.97 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 17:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 15:03	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 04:20	CH	EET MID

Client Sample ID: C-94

Date Collected: 09/27/22 14:00
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 18:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 15:24	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 04:25	CH	EET MID

Client Sample ID: C-95

Date Collected: 09/27/22 14:02
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-13
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			5.02 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 18:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 15:44	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 04:30	CH	EET MID

Client Sample ID: C-96

Date Collected: 09/27/22 14:04
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-14
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			5.03 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 18:41	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-96

Lab Sample ID: 890-3080-14

Date Collected: 09/27/22 14:04
Matrix: Solid
Date Received: 09/27/22 15:57

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			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 16:05	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 04:35	CH	EET MID

Client Sample ID: C-97

Lab Sample ID: 890-3080-15

Date Collected: 09/27/22 09:01
Matrix: Solid
Date Received: 09/27/22 15:57

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	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 19:01	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 16:25	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 04:40	CH	EET MID

Client Sample ID: C-98

Lab Sample ID: 890-3080-16

Date Collected: 09/27/22 09:03
Matrix: Solid
Date Received: 09/27/22 15:57

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	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 19:22	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 16:46	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 04:54	CH	EET MID

Client Sample ID: C-99

Lab Sample ID: 890-3080-17

Date Collected: 09/27/22 09:06
Matrix: Solid
Date Received: 09/27/22 15:57

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	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 19:42	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 17:06	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-99
Date Collected: 09/27/22 09:06
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-17
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			4.96 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 04:59	CH	EET MID

Client Sample ID: C-100
Date Collected: 09/27/22 09:09
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-18
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			4.98 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 20:03	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 17:26	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 05:14	CH	EET MID

Client Sample ID: C-101
Date Collected: 09/27/22 09:18
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-19
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			5.01 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 20:23	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 17:47	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 05:19	CH	EET MID

Client Sample ID: C-102
Date Collected: 09/27/22 09:20
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-20
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			5.03 g	5 mL	36297	10/06/22 16:48	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36341	10/08/22 20:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35715	09/29/22 14:32	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35742	09/30/22 18:07	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 05:23	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-103
Date Collected: 09/27/22 09:22
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-21
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			4.98 g	5 mL	36296	10/06/22 16:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36323	10/08/22 03:44	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35711	09/29/22 13:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35736	09/30/22 20:15	AJ	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 05:28	CH	EET MID

Client Sample ID: C-104
Date Collected: 09/27/22 09:25
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-22
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			5.02 g	5 mL	36296	10/06/22 16:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36323	10/08/22 04:04	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35711	09/29/22 13:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35736	09/30/22 21:19	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 05:33	CH	EET MID

Client Sample ID: C-105
Date Collected: 09/27/22 09:27
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-23
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			5.03 g	5 mL	36296	10/06/22 16:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36323	10/08/22 04:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35711	09/29/22 13:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35736	09/30/22 21:41	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 05:38	CH	EET MID

Client Sample ID: C-106
Date Collected: 09/27/22 09:30
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-24
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			4.99 g	5 mL	36296	10/06/22 16:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36323	10/08/22 04:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Client Sample ID: C-106

Date Collected: 09/27/22 09:30
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-24
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			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35711	09/29/22 13:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35736	09/30/22 22:03	AJ	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35681	09/29/22 12:01	SMC	EET MID
Soluble	Analysis	300.0		1			35753	09/30/22 05:43	CH	EET MID

Client Sample ID: C-107

Date Collected: 09/27/22 09:32
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-25
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			5.01 g	5 mL	36296	10/06/22 16:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36323	10/08/22 05:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35711	09/29/22 13:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35736	09/30/22 22:24	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35682	09/29/22 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			35722	09/30/22 00:47	CH	EET MID

Client Sample ID: C-108

Date Collected: 09/27/22 09:34
Date Received: 09/27/22 15:57

Lab Sample ID: 890-3080-26
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			5.03 g	5 mL	36296	10/06/22 16:44	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36323	10/08/22 05:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36434	10/08/22 09:02	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35923	10/03/22 09:36	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35711	09/29/22 13:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35736	09/30/22 22:45	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35682	09/29/22 12:06	SMC	EET MID
Soluble	Analysis	300.0		1			35722	09/30/22 01:02	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

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. Job ID: 890-3080-1
Project/Site: Turkey Track SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3080-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3080-1	C-82	Solid	09/27/22 13:01	09/27/22 15:57	3'
890-3080-2	C-83	Solid	09/27/22 13:05	09/27/22 15:57	3'
890-3080-3	C-84	Solid	09/27/22 13:10	09/27/22 15:57	3'
890-3080-4	C-85	Solid	09/27/22 13:20	09/27/22 15:57	3'
890-3080-5	C-86	Solid	09/27/22 13:30	09/27/22 15:57	3'
890-3080-6	C-87	Solid	09/27/22 13:40	09/27/22 15:57	3'
890-3080-7	C-89	Solid	09/27/22 13:45	09/27/22 15:57	3'
890-3080-8	C-90	Solid	09/27/22 13:50	09/27/22 15:57	3'
890-3080-9	C-91	Solid	09/27/22 13:52	09/27/22 15:57	3'
890-3080-10	C-92	Solid	09/27/22 13:54	09/27/22 15:57	3'
890-3080-11	C-93	Solid	09/27/22 13:56	09/27/22 15:57	3'
890-3080-12	C-94	Solid	09/27/22 14:00	09/27/22 15:57	3'
890-3080-13	C-95	Solid	09/27/22 14:02	09/27/22 15:57	3'
890-3080-14	C-96	Solid	09/27/22 14:04	09/27/22 15:57	3'
890-3080-15	C-97	Solid	09/27/22 09:01	09/27/22 15:57	3'
890-3080-16	C-98	Solid	09/27/22 09:03	09/27/22 15:57	3'
890-3080-17	C-99	Solid	09/27/22 09:06	09/27/22 15:57	3'
890-3080-18	C-100	Solid	09/27/22 09:09	09/27/22 15:57	3'
890-3080-19	C-101	Solid	09/27/22 09:18	09/27/22 15:57	3'
890-3080-20	C-102	Solid	09/27/22 09:20	09/27/22 15:57	3'
890-3080-21	C-103	Solid	09/27/22 09:22	09/27/22 15:57	3'
890-3080-22	C-104	Solid	09/27/22 09:25	09/27/22 15:57	3'
890-3080-23	C-105	Solid	09/27/22 09:27	09/27/22 15:57	3'
890-3080-24	C-106	Solid	09/27/22 09:30	09/27/22 15:57	3'
890-3080-25	C-107	Solid	09/27/22 09:32	09/27/22 15:57	3'
890-3080-26	C-108	Solid	09/27/22 09:34	09/27/22 15:57	3'

Released to Imaging: 5/18/2023 2:46:41 PM
Received by OCD: 1/19/2023 8:31:56 AM


890-3080 Chain of Custody

No. 2741

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants

507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE: 9/27/22 PAGE 1 OF 1

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Track

LAI PROJECT #: 22-0104-02 COLLECTOR: AM

Data Reported to:

TRRP report? ☐ Yes ☐ No

TIME ZONE: ~~Time zone/State:~~

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	FIELD NOTES
C-82		9/26/22	13:01	SOIL	1						
C-83		9/26/22	13:05		1						
C-84		9/26/22	13:10		1						
C-85		9/26/22	13:20		1						
C-86		9/26/22	13:30		1						
C-87		9/26/22	13:40		1						
~~C-88~~											
C-89		9/26	13:45		1						
C-90		9/26	13:50		1						
C-91		9/26	13:52		1						
C-92		9/26	13:54		1						
C-93		9/26	13:56		1						
C-94		9/27	14:00		1						
C-95		9/27	14:02		1						
C-96		9/27	14:04	↓	1						
TOTAL	14										

RELINQUISHED BY:(Signature) Preston Mongler DATE/TIME 9/26/22 15:57 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) Amanda Stuyt DATE/TIME 9/27/22 15:57 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY:

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 4.0/3.8 -0.2 THERM#: Tan-007
CUSTODY SEALS - ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Released to Imaging: 5/18/2023 2:46:41 PM
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No. 2742

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE: 9/27/22 PAGE 2 OF 2

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Track

LAI PROJECT #: 22-0104-02 COLLECTOR: DM

Data Reported to:

TRRP report? ☐ Yes ☐ No

TIME ZONE: ~~Time zone/State:~~

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
C-97		9/27	9:01	Soil	1							
C-98			9:03		1							
C-99			9:06		1							
C-100			9:09		1							
~~C-100~~			9:16		1							
C-101			9:18		1							
C-102			9:20		1							
C-103			9:22		1							
C-104			9:25		1							
C-105			9:27		1							
C-106			9:30		1							
C-107			9:32		1							
C-108			9:34		1							
C												
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 ☐ | CHLORIDE ☑ | ANIONS ☐ | ALKALINITY ☐

RELINQUISHED BY:(Signature) Preston Mangum DATE/TIME 9/27/22 15:57 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) Amanda Stutz DATE/TIME 9/27/22 1557 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY:

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 4.0/3.8 THERM#: Tnm-007 -0.2
CUSTODY SEALS - ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3080-1
SDG Number: 22-0104-02

Login Number: 3080
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3080-1
SDG Number: 22-0104-02

Login Number: 3080
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 09/29/22 11:12 AM

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 Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3101-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Track

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
10/11/2022 10:14:31 AM

Holly Taylor, Project Manager
(806)794-1296
Holly.Taylor@et.eurofinsus.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Laboratory Job ID: 890-3101-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD 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: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Job ID: 890-3101-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3101-1

Receipt
The samples were received on 9/28/2022 4:02 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.2º C.

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-36441 recovered above the upper control limit for Benzene, Toluene, Ethylbenzene, m-Xylene & p-Xylene and o-Xylene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: (CCV 880-36441/2) and (CCV 880-36441/51).

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-36298 and analytical batch 880-36441 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 8021B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 880-36298 and analytical batch 880-36441 recovered outside control limits for the following analytes: m-Xylene & p-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: Surrogate recovery for the following samples were outside control limits: C-109 (890-3101-1), C-110 (890-3101-2), C-112 (890-3101-4), C-113 (890-3101-5), C-114 (890-3101-6), C-118 (890-3101-7), C-119 (890-3101-8), C-121 (890-3101-10), (LCS 880-36298/1-A), (LCSD 880-36298/2-A), (890-3101-A-1-G MS) and (890-3101-A-1-H MSD). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-123 (890-3101-11), C-124 (890-3101-12), C-125 (890-3101-13), C-126 (890-3101-14), C-127 (890-3101-15), C-128 (890-3101-16), C-129 (890-3101-17), C-130 (890-3101-18), C-131 (890-3101-19) and C-132 (890-3101-20). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (890-3104-A-1-B MS) and (890-3104-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-35819 and analytical batch 880-35738 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-35819 and analytical batch 880-35738 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-35913 and analytical batch 880-35899 was outside the upper control limits.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-35914 and analytical batch 880-35901 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-35914/2-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.

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Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Job ID: 890-3101-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

General Chemistry
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-35948 and analytical batch 880-36001 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.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-109
Date Collected: 09/28/22 08:40
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U F2 F1	0.00201		mg/Kg		10/06/22 16:51	10/09/22 04:39	1
Toluene	<0.00201	U F2 F1	0.00201		mg/Kg		10/06/22 16:51	10/09/22 04:39	1
Ethylbenzene	<0.00201	U F2 F1	0.00201		mg/Kg		10/06/22 16:51	10/09/22 04:39	1
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.00402		mg/Kg		10/06/22 16:51	10/09/22 04:39	1
o-Xylene	<0.00201	U F2 F1 *+	0.00201		mg/Kg		10/06/22 16:51	10/09/22 04:39	1
Xylenes, Total	<0.00402	U F1	0.00402		mg/Kg		10/06/22 16:51	10/09/22 04:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 04:39*	*1*
1,4-Difluorobenzene (Surr)	*74*		*70 - 130*	*10/06/22 16:51*	*10/09/22 04:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 11:19	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 11:19	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*10/03/22 08:25*	*10/03/22 11:19*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*10/03/22 08:25*	*10/03/22 11:19*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**122**	**F1**	4.96		mg/Kg			10/03/22 18:50	1

Client Sample ID: C-110
Date Collected: 09/28/22 08:42
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/06/22 16:51	10/09/22 05:05	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/06/22 16:51	10/09/22 05:05	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/06/22 16:51	10/09/22 05:05	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/06/22 16:51	10/09/22 05:05	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		10/06/22 16:51	10/09/22 05:05	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/06/22 16:51	10/09/22 05:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*146*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 05:05*	*1*
1,4-Difluorobenzene (Surr)	*80*		*70 - 130*	*10/06/22 16:51*	*10/09/22 05:05*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-110
Date Collected: 09/28/22 08:42
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-2
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		09/30/22 14:01	09/30/22 21:41	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		09/30/22 14:01	09/30/22 21:41	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		09/30/22 14:01	09/30/22 21:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*09/30/22 14:01*	*09/30/22 21:41*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*09/30/22 14:01*	*09/30/22 21:41*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**71.0**		4.97		mg/Kg			10/03/22 19:04	1

Client Sample ID: C-111
Date Collected: 09/28/22 08:44
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-3
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/06/22 16:51	10/09/22 05:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/06/22 16:51	10/09/22 05:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/06/22 16:51	10/09/22 05:32	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/06/22 16:51	10/09/22 05:32	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		10/06/22 16:51	10/09/22 05:32	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/06/22 16:51	10/09/22 05:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*10/06/22 16:51*	*10/09/22 05:32*	*1*
1,4-Difluorobenzene (Surr)	*123*		*70 - 130*	*10/06/22 16:51*	*10/09/22 05:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 12:45	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 12:45	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-111

Date Collected: 09/28/22 08:44
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-3
Matrix: Solid

Method: SW846 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		10/03/22 08:25	10/03/22 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*10/03/22 08:25*	*10/03/22 12:45*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*10/03/22 08:25*	*10/03/22 12:45*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**77.7**		5.00		mg/Kg			10/03/22 19:09	1

Client Sample ID: C-112

Date Collected: 09/28/22 08:46
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 05:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 05:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 05:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 05:58	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/06/22 16:51	10/09/22 05:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 05:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 05:58*	*1*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*	*10/06/22 16:51*	*10/09/22 05:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 13:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 13:07	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*10/03/22 08:25*	*10/03/22 13:07*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*10/03/22 08:25*	*10/03/22 13:07*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**38.4**		4.99		mg/Kg			10/03/22 19:14	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-113

Date Collected: 09/28/22 08:50
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-5

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 06:24	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 06:24	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 06:24	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 06:24	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/06/22 16:51	10/09/22 06:24	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 06:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 06:24*	*1*
1,4-Difluorobenzene (Surr)	*83*		*70 - 130*	*10/06/22 16:51*	*10/09/22 06:24*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**55.9**		50.0		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 13:28	1
Diesel Range Organics (Over C10-C28)	**55.9**		50.0		mg/Kg		10/03/22 08:25	10/03/22 13:28	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*10/03/22 08:25*	*10/03/22 13:28*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*10/03/22 08:25*	*10/03/22 13:28*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**117**		4.99		mg/Kg			10/03/22 19:19	1

Client Sample ID: C-114

Date Collected: 09/28/22 08:52
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-6

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 06:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 06:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 06:51	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/06/22 16:51	10/09/22 06:51	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/06/22 16:51	10/09/22 06:51	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/06/22 16:51	10/09/22 06:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*154*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 06:51*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*10/06/22 16:51*	*10/09/22 06:51*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-114

Date Collected: 09/28/22 08:52
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 13:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 13:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*10/03/22 08:25*	*10/03/22 13:50*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*10/03/22 08:25*	*10/03/22 13:50*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**87.1**		5.02		mg/Kg			10/03/22 19:33	1

Client Sample ID: C-118

Date Collected: 09/28/22 08:53
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 07:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 07:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 07:18	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 07:18	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/06/22 16:51	10/09/22 07:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 07:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*149*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 07:18*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/06/22 16:51*	*10/09/22 07:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 14:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 14:11	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-118

Date Collected: 09/28/22 08:53
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-7

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*10/03/22 08:25*	*10/03/22 14:11*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*10/03/22 08:25*	*10/03/22 14:11*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.0**		5.03		mg/Kg			10/03/22 19:38	1

Client Sample ID: C-119

Date Collected: 09/28/22 08:55
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-8

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 07:45	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 07:45	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 07:45	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 07:45	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/06/22 16:51	10/09/22 07:45	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*179*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 07:45*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*10/06/22 16:51*	*10/09/22 07:45*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 14:33	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 14:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*121*		*70 - 130*	*10/03/22 08:25*	*10/03/22 14:33*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*10/03/22 08:25*	*10/03/22 14:33*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**10.4**		4.97		mg/Kg			10/03/22 19:43	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-120
Date Collected: 09/28/22 08:59
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:51	10/09/22 08:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:51	10/09/22 08:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:51	10/09/22 08:11	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 16:51	10/09/22 08:11	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		10/06/22 16:51	10/09/22 08:11	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 16:51	10/09/22 08:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*10/06/22 16:51*	*10/09/22 08:11*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*10/06/22 16:51*	*10/09/22 08:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 15:08	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 15:08	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*10/03/22 08:25*	*10/03/22 15:08*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*10/03/22 08:25*	*10/03/22 15:08*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**52.3**		4.96		mg/Kg			10/03/22 19:48	1

Client Sample ID: C-121
Date Collected: 09/28/22 09:00
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-10
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 08:37	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 08:37	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 08:37	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 08:37	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/06/22 16:51	10/09/22 08:37	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 08:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*169*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 08:37*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/06/22 16:51*	*10/09/22 08:37*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-121
Date Collected: 09/28/22 09:00
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 15:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 15:29	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*10/03/22 08:25*	*10/03/22 15:29*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*10/03/22 08:25*	*10/03/22 15:29*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.8**		4.96		mg/Kg			10/03/22 19:53	1

Client Sample ID: C-123
Date Collected: 09/28/22 09:07
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-11
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 10:23	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 10:23	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 10:23	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 10:23	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/06/22 16:51	10/09/22 10:23	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 10:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*57*	*S1-*	*70 - 130*	*10/06/22 16:51*	*10/09/22 10:23*	*1*
1,4-Difluorobenzene (Surr)	*52*	*S1-*	*70 - 130*	*10/06/22 16:51*	*10/09/22 10:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**105**		50.0		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 11:19	1
Diesel Range Organics (Over C10-C28)	**105**		50.0		mg/Kg		10/03/22 08:29	10/03/22 11:19	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-123
Date Collected: 09/28/22 09:07
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-11
Matrix: Solid

Method: SW846 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		10/03/22 08:29	10/03/22 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*10/03/22 08:29*	*10/03/22 11:19*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*10/03/22 08:29*	*10/03/22 11:19*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**85.0**	**F1**	4.99		mg/Kg			10/03/22 19:57	1

Client Sample ID: C-124
Date Collected: 09/28/22 09:10
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-12
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 10:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 10:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 10:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 10:50	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/06/22 16:51	10/09/22 10:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*171*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 10:50*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/06/22 16:51*	*10/09/22 10:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**56.7**		49.8		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/03/22 08:29	10/03/22 12:24	1
Diesel Range Organics (Over C10-C28)	**56.7**		49.8		mg/Kg		10/03/22 08:29	10/03/22 12:24	1
Oll Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/03/22 08:29	10/03/22 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*10/03/22 08:29*	*10/03/22 12:24*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*10/03/22 08:29*	*10/03/22 12:24*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.4**		5.02		mg/Kg			10/03/22 20:12	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-125
Date Collected: 09/28/22 12:58
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-13
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 11:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 11:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 11:19	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 11:19	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/06/22 16:51	10/09/22 11:19	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 11:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*29*	*S1-*	*70 - 130*	*10/06/22 16:51*	*10/09/22 11:19*	*1*
1,4-Difluorobenzene (Surr)	*138*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 11:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**203**		49.9		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 12:45	1
Diesel Range Organics (Over C10-C28)	**203**		49.9		mg/Kg		10/03/22 08:29	10/03/22 12:45	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 12:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*10/03/22 08:29*	*10/03/22 12:45*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*10/03/22 08:29*	*10/03/22 12:45*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**204**		5.01		mg/Kg			10/03/22 20:17	1

Client Sample ID: C-126
Date Collected: 09/28/22 13:00
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-14
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/06/22 16:51	10/09/22 11:46	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/06/22 16:51	10/09/22 11:46	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/06/22 16:51	10/09/22 11:46	1
m-Xylene & p-Xylene	<0.00397	U	0.00397		mg/Kg		10/06/22 16:51	10/09/22 11:46	1
o-Xylene	<0.00198	U *+	0.00198		mg/Kg		10/06/22 16:51	10/09/22 11:46	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		10/06/22 16:51	10/09/22 11:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*25*	*S1-*	*70 - 130*	*10/06/22 16:51*	*10/09/22 11:46*	*1*
1,4-Difluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 11:46*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-126
Date Collected: 09/28/22 13:00
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**50.7**		49.9		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 13:07	1
Diesel Range Organics (Over C10-C28)	**50.7**		49.9		mg/Kg		10/03/22 08:29	10/03/22 13:07	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*115*		*70 - 130*	*10/03/22 08:29*	*10/03/22 13:07*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*10/03/22 08:29*	*10/03/22 13:07*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**305**		5.03		mg/Kg			10/03/22 20:31	1

Client Sample ID: C-127
Date Collected: 09/28/22 13:04
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-15
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 12:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 12:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 12:12	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 12:12	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/06/22 16:51	10/09/22 12:12	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 12:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*26*	*S1-*	*70 - 130*	*10/06/22 16:51*	*10/09/22 12:12*	*1*
1,4-Difluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 12:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**914**		50.0		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 13:28	1
Diesel Range Organics (Over C10-C28)	**793**		50.0		mg/Kg		10/03/22 08:29	10/03/22 13:28	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-127
Date Collected: 09/28/22 13:04
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-15
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	**121**		50.0		mg/Kg		10/03/22 08:29	10/03/22 13:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*10/03/22 08:29*	*10/03/22 13:28*	*1*
o-Terphenyl (Surr)	*119*		*70 - 130*	*10/03/22 08:29*	*10/03/22 13:28*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**223**		5.03		mg/Kg			10/03/22 20:36	1

Client Sample ID: C-128
Date Collected: 09/28/22 13:06
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-16
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 12:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 12:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/06/22 16:51	10/09/22 12:39	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 12:39	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/06/22 16:51	10/09/22 12:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/06/22 16:51	10/09/22 12:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*21*	*S1-*	*70 - 130*	*10/06/22 16:51*	*10/09/22 12:39*	*1*
1,4-Difluorobenzene (Surr)	*143*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 12:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**841**		50.0		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 13:50	1
Diesel Range Organics (Over C10-C28)	**729**		50.0		mg/Kg		10/03/22 08:29	10/03/22 13:50	1
Oil Range Organics (Over C28-C36)	**112**		50.0		mg/Kg		10/03/22 08:29	10/03/22 13:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*99*		*70 - 130*	*10/03/22 08:29*	*10/03/22 13:50*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*10/03/22 08:29*	*10/03/22 13:50*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**189**		5.03		mg/Kg			10/03/22 20:41	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-129
Date Collected: 09/28/22 13:07
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-17
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 13:05	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 13:05	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 13:05	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 13:05	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/06/22 16:51	10/09/22 13:05	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 13:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*20*	*S1-*	*70 - 130*	*10/06/22 16:51*	*10/09/22 13:05*	*1*
1,4-Difluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 13:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**89.1**		50.0		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 14:11	1
Diesel Range Organics (Over C10-C28)	**89.1**		50.0		mg/Kg		10/03/22 08:29	10/03/22 14:11	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*90*		*70 - 130*	*10/03/22 08:29*	*10/03/22 14:11*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*10/03/22 08:29*	*10/03/22 14:11*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**74.8**		5.00		mg/Kg			10/03/22 20:46	1

Client Sample ID: C-130
Date Collected: 09/28/22 13:10
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-18
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 13:32	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 13:32	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 13:32	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/06/22 16:51	10/09/22 13:32	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/06/22 16:51	10/09/22 13:32	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/06/22 16:51	10/09/22 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*20*	*S1-*	*70 - 130*	*10/06/22 16:51*	*10/09/22 13:32*	*1*
1,4-Difluorobenzene (Surr)	*140*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 13:32*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-130

Date Collected: 09/28/22 13:10
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-18
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**169**		49.9		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 14:33	1
Diesel Range Organics (Over C10-C28)	**169**		49.9		mg/Kg		10/03/22 08:29	10/03/22 14:33	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 14:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*10/03/22 08:29*	*10/03/22 14:33*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*10/03/22 08:29*	*10/03/22 14:33*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**279**		4.99		mg/Kg			10/03/22 20:51	1

Client Sample ID: C-131

Date Collected: 09/28/22 13:12
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:51	10/09/22 13:58	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:51	10/09/22 13:58	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/06/22 16:51	10/09/22 13:58	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/06/22 16:51	10/09/22 13:58	1
o-Xylene	<0.00201	U *+	0.00201		mg/Kg		10/06/22 16:51	10/09/22 13:58	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/06/22 16:51	10/09/22 13:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*25*	*S1-*	*70 - 130*	*10/06/22 16:51*	*10/09/22 13:58*	*1*
1,4-Difluorobenzene (Surr)	*160*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 13:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**94.2**		50.0		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 15:08	1
Diesel Range Organics (Over C10-C28)	**94.2**		50.0		mg/Kg		10/03/22 08:29	10/03/22 15:08	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-131
Date Collected: 09/28/22 13:12
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-19
Matrix: Solid

Method: SW846 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		10/03/22 08:29	10/03/22 15:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*10/03/22 08:29*	*10/03/22 15:08*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*10/03/22 08:29*	*10/03/22 15:08*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**75.9**		5.00		mg/Kg			10/03/22 20:56	1

Client Sample ID: C-132
Date Collected: 09/28/22 13:15
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-20
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 14:25	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 14:25	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 14:25	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 14:25	1
o-Xylene	<0.00200	U *+	0.00200		mg/Kg		10/06/22 16:51	10/09/22 14:25	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/06/22 16:51	10/09/22 14:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*23*	*S1-*	*70 - 130*	*10/06/22 16:51*	*10/09/22 14:25*	*1*
1,4-Difluorobenzene (Surr)	*160*	*S1+*	*70 - 130*	*10/06/22 16:51*	*10/09/22 14:25*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/03/22 11:45	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 15:29	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 15:29	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 15:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*10/03/22 08:29*	*10/03/22 15:29*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*10/03/22 08:29*	*10/03/22 15:29*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.5**		5.03		mg/Kg			10/03/22 21:01	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

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)
890-3101-1	C-109	144 S1+	74
890-3101-1 MS	C-109	144 S1+	78
890-3101-1 MSD	C-109	139 S1+	77
890-3101-2	C-110	146 S1+	80
890-3101-3	C-111	92	123
890-3101-4	C-112	149 S1+	90
890-3101-5	C-113	137 S1+	83
890-3101-6	C-114	154 S1+	85
890-3101-7	C-118	149 S1+	89
890-3101-8	C-119	179 S1+	89
890-3101-9	C-120	110	107
890-3101-10	C-121	169 S1+	93
890-3101-11	C-123	57 S1-	52 S1-
890-3101-12	C-124	171 S1+	75
890-3101-13	C-125	29 S1-	138 S1+
890-3101-14	C-126	25 S1-	131 S1+
890-3101-15	C-127	26 S1-	145 S1+
890-3101-16	C-128	21 S1-	143 S1+
890-3101-17	C-129	20 S1-	144 S1+
890-3101-18	C-130	20 S1-	140 S1+
890-3101-19	C-131	25 S1-	160 S1+
890-3101-20	C-132	23 S1-	160 S1+
LCS 880-36298/1-A	Lab Control Sample	151 S1+	97
LCSD 880-36298/2-A	Lab Control Sample Dup	145 S1+	89
MB 880-36289/5-A	Method Blank	82	82
MB 880-36298/5-A	Method Blank	103	86

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)
890-3101-1	C-109	98	90
890-3101-1 MS	C-109	104	76
890-3101-1 MSD	C-109	103	76
890-3101-2	C-110	91	98
890-3101-3	C-111	118	109
890-3101-4	C-112	106	95
890-3101-5	C-113	108	99
890-3101-6	C-114	107	99
890-3101-7	C-118	109	99
890-3101-8	C-119	121	111
890-3101-9	C-120	101	96
890-3101-10	C-121	103	96
890-3101-11	C-123	87	95

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 890-3101-1
Project/Site: Turkey Track SDG: 22-0104-02

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)								
890-3101-11 MS	C-123	84	81								
890-3101-11 MSD	C-123	83	79								
890-3101-12	C-124	98	106								
890-3101-13	C-125	96	106								
890-3101-14	C-126	115	122								
890-3101-15	C-127	112	119								
890-3101-16	C-128	99	103								
890-3101-17	C-129	90	98								
890-3101-18	C-130	104	111								
890-3101-19	C-131	100	107								
890-3101-20	C-132	98	106								
LCS 880-35819/2-A	Lab Control Sample	106	110								
LCS 880-35913/2-A	Lab Control Sample	118	109								
LCS 880-35914/2-A	Lab Control Sample	126	133 S1+								
LCSD 880-35819/3-A	Lab Control Sample Dup	94	98								
LCSD 880-35913/3-A	Lab Control Sample Dup	116	110								
LCSD 880-35914/3-A	Lab Control Sample Dup	116	123								
MB 880-35819/1-A	Method Blank	108	116								
MB 880-35913/1-A	Method Blank	132 S1+	120								
MB 880-35914/1-A	Method Blank	123	138 S1+								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36289/5-A
Matrix: Solid
Analysis Batch: 36441

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36289

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 14:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 14:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 14:21	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/22 15:39	10/08/22 14:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 15:39	10/08/22 14:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/22 15:39	10/08/22 14:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*82*		*70 - 130*	*10/06/22 15:39*	*10/08/22 14:21*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*10/06/22 15:39*	*10/08/22 14:21*	*1*

Lab Sample ID: MB 880-36298/5-A
Matrix: Solid
Analysis Batch: 36441

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36298

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 04:13	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 04:13	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 04:13	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/06/22 16:51	10/09/22 04:13	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/06/22 16:51	10/09/22 04:13	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/06/22 16:51	10/09/22 04:13	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*10/06/22 16:51*	*10/09/22 04:13*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*10/06/22 16:51*	*10/09/22 04:13*	*1*

Lab Sample ID: LCS 880-36298/1-A
Matrix: Solid
Analysis Batch: 36441

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36298

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1268		mg/Kg		127	70 - 130		
Toluene			0.100	0.1133		mg/Kg		113	70 - 130		
Ethylbenzene			0.100	0.1283		mg/Kg		128	70 - 130		
m-Xylene & p-Xylene			0.200	0.2604		mg/Kg		130	70 - 130		
o-Xylene			0.100	0.1307	*+	mg/Kg		131	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*151*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Lab Sample ID: LCSD 880-36298/2-A
Matrix: Solid
Analysis Batch: 36441

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36298

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1157		mg/Kg		116	70 - 130	9	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-36298/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36441 — **Prep Batch: 36298**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.1202		mg/Kg		120	70 - 130	6	35
Ethylbenzene			0.100	0.1202		mg/Kg		120	70 - 130	7	35
m-Xylene & p-Xylene			0.200	0.2453		mg/Kg		123	70 - 130	6	35
o-Xylene			0.100	0.1242		mg/Kg		124	70 - 130	5	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*

Lab Sample ID: 890-3101-1 MS — **Client Sample ID: C-109**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36441 — **Prep Batch: 36298**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U F2 F1	0.0998	0.04407	F1	mg/Kg		44	70 - 130
Toluene	<0.00201	U F2 F1	0.0998	0.05620	F1	mg/Kg		56	70 - 130
Ethylbenzene	<0.00201	U F2 F1	0.0998	0.03181	F1	mg/Kg		32	70 - 130
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.200	0.1623		mg/Kg		81	70 - 130
o-Xylene	<0.00201	U F2 F1 * +	0.0998	0.03761	F1	mg/Kg		38	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*

Lab Sample ID: 890-3101-1 MSD — **Client Sample ID: C-109**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36441 — **Prep Batch: 36298**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U F2 F1	0.0996	0.01917	F2 F1	mg/Kg		19	70 - 130	79	35
Toluene	<0.00201	U F2 F1	0.0996	0.02763	F2 F1	mg/Kg		28	70 - 130	68	35
Ethylbenzene	<0.00201	U F2 F1	0.0996	0.01327	F2 F1	mg/Kg		13	70 - 130	82	35
m-Xylene & p-Xylene	<0.00402	U F2 F1	0.199	0.09505	F2 F1	mg/Kg		48	70 - 130	52	35
o-Xylene	<0.00201	U F2 F1 * +	0.0996	0.06370	F2 F1	mg/Kg		64	70 - 130	52	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*139*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*77*		*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-35819/1-A
Matrix: Solid
Analysis Batch: 35738

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35819

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		09/30/22 14:01	09/30/22 19:10	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		09/30/22 14:01	09/30/22 19:10	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		09/30/22 14:01	09/30/22 19:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*09/30/22 14:01*	*09/30/22 19:10*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*09/30/22 14:01*	*09/30/22 19:10*	*1*

Lab Sample ID: LCS 880-35819/2-A
Matrix: Solid
Analysis Batch: 35738

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35819

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1130		mg/Kg		113	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	983.8		mg/Kg		98	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*106*		*70 - 130*
o-Terphenyl (Surr)	*110*		*70 - 130*

Lab Sample ID: LCSD 880-35819/3-A
Matrix: Solid
Analysis Batch: 35738

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35819

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	805.1	*1	mg/Kg		81	70 - 130	34	20
Diesel Range Organics (Over C10-C28)			1000	871.5		mg/Kg		87	70 - 130	12	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*94*		*70 - 130*
o-Terphenyl (Surr)	*98*		*70 - 130*

Lab Sample ID: MB 880-35913/1-A
Matrix: Solid
Analysis Batch: 35899

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35913

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		10/03/22 08:25	10/03/22 10:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 10:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 10:15	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-35913/1-A
Matrix: Solid
Analysis Batch: 35899

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35913

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	132	S1+	70 - 130	10/03/22 08:25	10/03/22 10:15	1
o-Terphenyl (Surr)	120		70 - 130	10/03/22 08:25	10/03/22 10:15	1

Lab Sample ID: LCS 880-35913/2-A
Matrix: Solid
Analysis Batch: 35899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35913

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	941.0		mg/Kg		94	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1072		mg/Kg		107	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	118		70 - 130
o-Terphenyl (Surr)	109		70 - 130

Lab Sample ID: LCSD 880-35913/3-A
Matrix: Solid
Analysis Batch: 35899

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35913

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	935.1		mg/Kg		94	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	1081		mg/Kg		108	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	110		70 - 130

Lab Sample ID: 890-3101-1 MS
Matrix: Solid
Analysis Batch: 35899

Client Sample ID: C-109
Prep Type: Total/NA
Prep Batch: 35913

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	819.7		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	998	894.7		mg/Kg		90	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	104		70 - 130
o-Terphenyl (Surr)	76		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 890-3101-1 MSD — **Client Sample ID: C-109**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35899 — **Prep Batch: 35913**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	815.4		mg/Kg		82	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	905.7		mg/Kg		91	70 - 130	1	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*
o-Terphenyl (Surr)	*76*		*70 - 130*

Lab Sample ID: MB 880-35914/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35901 — **Prep Batch: 35914**

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		10/03/22 08:29	10/03/22 10:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 10:15	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 10:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*10/03/22 08:29*	*10/03/22 10:15*	*1*
o-Terphenyl (Surr)	*138*	*S1+*	*70 - 130*	*10/03/22 08:29*	*10/03/22 10:15*	*1*

Lab Sample ID: LCS 880-35914/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35901 — **Prep Batch: 35914**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1041		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1208		mg/Kg		121	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*126*		*70 - 130*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-35914/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 35901 — **Prep Batch: 35914**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1020		mg/Kg		102	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1113		mg/Kg		111	70 - 130	8	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-35914/3-A
Matrix: Solid
Analysis Batch: 35901

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35914

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	116		70 - 130
o-Terphenyl (Surr)	123		70 - 130

Lab Sample ID: 890-3101-11 MS
Matrix: Solid
Analysis Batch: 35901

Client Sample ID: C-123
Prep Type: Total/NA
Prep Batch: 35914

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	1080		mg/Kg		105	70 - 130
Diesel Range Organics (Over C10-C28)	105		998	893.3		mg/Kg		79	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	84		70 - 130
o-Terphenyl (Surr)	81		70 - 130

Lab Sample ID: 890-3101-11 MSD
Matrix: Solid
Analysis Batch: 35901

Client Sample ID: C-123
Prep Type: Total/NA
Prep Batch: 35914

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1072		mg/Kg		105	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	105		999	887.6		mg/Kg		78	70 - 130	1	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	83		70 - 130
o-Terphenyl (Surr)	79		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-35948/1-A
Matrix: Solid
Analysis Batch: 36001

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			10/03/22 18:35	1

Lab Sample ID: LCS 880-35948/2-A
Matrix: Solid
Analysis Batch: 36001

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	244.9		mg/Kg		98	90 - 110

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-35948/3-A
Matrix: Solid
Analysis Batch: 36001

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	245.8		mg/Kg		98	90 - 110	0	20

Lab Sample ID: 890-3101-1 MS
Matrix: Solid
Analysis Batch: 36001

Client Sample ID: C-109
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	122	F1	248	322.8	F1	mg/Kg		81	90 - 110		

Lab Sample ID: 890-3101-1 MSD
Matrix: Solid
Analysis Batch: 36001

Client Sample ID: C-109
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	122	F1	248	322.6	F1	mg/Kg		81	90 - 110	0	20

Lab Sample ID: 890-3101-11 MS
Matrix: Solid
Analysis Batch: 36001

Client Sample ID: C-123
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	85.0	F1	250	292.5	F1	mg/Kg		83	90 - 110		

Lab Sample ID: 890-3101-11 MSD
Matrix: Solid
Analysis Batch: 36001

Client Sample ID: C-123
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	85.0	F1	250	285.5	F1	mg/Kg		80	90 - 110	2	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

GC VOA

Prep Batch: 36289

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-36289/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 36298

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-1	C-109	Total/NA	Solid	5035	
890-3101-2	C-110	Total/NA	Solid	5035	
890-3101-3	C-111	Total/NA	Solid	5035	
890-3101-4	C-112	Total/NA	Solid	5035	
890-3101-5	C-113	Total/NA	Solid	5035	
890-3101-6	C-114	Total/NA	Solid	5035	
890-3101-7	C-118	Total/NA	Solid	5035	
890-3101-8	C-119	Total/NA	Solid	5035	
890-3101-9	C-120	Total/NA	Solid	5035	
890-3101-10	C-121	Total/NA	Solid	5035	
890-3101-11	C-123	Total/NA	Solid	5035	
890-3101-12	C-124	Total/NA	Solid	5035	
890-3101-13	C-125	Total/NA	Solid	5035	
890-3101-14	C-126	Total/NA	Solid	5035	
890-3101-15	C-127	Total/NA	Solid	5035	
890-3101-16	C-128	Total/NA	Solid	5035	
890-3101-17	C-129	Total/NA	Solid	5035	
890-3101-18	C-130	Total/NA	Solid	5035	
890-3101-19	C-131	Total/NA	Solid	5035	
890-3101-20	C-132	Total/NA	Solid	5035	
MB 880-36298/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36298/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36298/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3101-1 MS	C-109	Total/NA	Solid	5035	
890-3101-1 MSD	C-109	Total/NA	Solid	5035	

Analysis Batch: 36441

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-1	C-109	Total/NA	Solid	8021B	36298
890-3101-2	C-110	Total/NA	Solid	8021B	36298
890-3101-3	C-111	Total/NA	Solid	8021B	36298
890-3101-4	C-112	Total/NA	Solid	8021B	36298
890-3101-5	C-113	Total/NA	Solid	8021B	36298
890-3101-6	C-114	Total/NA	Solid	8021B	36298
890-3101-7	C-118	Total/NA	Solid	8021B	36298
890-3101-8	C-119	Total/NA	Solid	8021B	36298
890-3101-9	C-120	Total/NA	Solid	8021B	36298
890-3101-10	C-121	Total/NA	Solid	8021B	36298
890-3101-11	C-123	Total/NA	Solid	8021B	36298
890-3101-12	C-124	Total/NA	Solid	8021B	36298
890-3101-13	C-125	Total/NA	Solid	8021B	36298
890-3101-14	C-126	Total/NA	Solid	8021B	36298
890-3101-15	C-127	Total/NA	Solid	8021B	36298
890-3101-16	C-128	Total/NA	Solid	8021B	36298
890-3101-17	C-129	Total/NA	Solid	8021B	36298
890-3101-18	C-130	Total/NA	Solid	8021B	36298
890-3101-19	C-131	Total/NA	Solid	8021B	36298

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

GC VOA (Continued)

Analysis Batch: 36441 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-20	C-132	Total/NA	Solid	8021B	36298
MB 880-36289/5-A	Method Blank	Total/NA	Solid	8021B	36289
MB 880-36298/5-A	Method Blank	Total/NA	Solid	8021B	36298
LCS 880-36298/1-A	Lab Control Sample	Total/NA	Solid	8021B	36298
LCSD 880-36298/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36298
890-3101-1 MS	C-109	Total/NA	Solid	8021B	36298
890-3101-1 MSD	C-109	Total/NA	Solid	8021B	36298

Analysis Batch: 36519

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-1	C-109	Total/NA	Solid	Total BTEX	
890-3101-2	C-110	Total/NA	Solid	Total BTEX	
890-3101-3	C-111	Total/NA	Solid	Total BTEX	
890-3101-4	C-112	Total/NA	Solid	Total BTEX	
890-3101-5	C-113	Total/NA	Solid	Total BTEX	
890-3101-6	C-114	Total/NA	Solid	Total BTEX	
890-3101-7	C-118	Total/NA	Solid	Total BTEX	
890-3101-8	C-119	Total/NA	Solid	Total BTEX	
890-3101-9	C-120	Total/NA	Solid	Total BTEX	
890-3101-10	C-121	Total/NA	Solid	Total BTEX	
890-3101-11	C-123	Total/NA	Solid	Total BTEX	
890-3101-12	C-124	Total/NA	Solid	Total BTEX	
890-3101-13	C-125	Total/NA	Solid	Total BTEX	
890-3101-14	C-126	Total/NA	Solid	Total BTEX	
890-3101-15	C-127	Total/NA	Solid	Total BTEX	
890-3101-16	C-128	Total/NA	Solid	Total BTEX	
890-3101-17	C-129	Total/NA	Solid	Total BTEX	
890-3101-18	C-130	Total/NA	Solid	Total BTEX	
890-3101-19	C-131	Total/NA	Solid	Total BTEX	
890-3101-20	C-132	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 35738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-2	C-110	Total/NA	Solid	8015B NM	35819
MB 880-35819/1-A	Method Blank	Total/NA	Solid	8015B NM	35819
LCS 880-35819/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35819
LCSD 880-35819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35819

Prep Batch: 35819

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-2	C-110	Total/NA	Solid	8015NM Prep	
MB 880-35819/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35819/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35819/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-1	C-109	Total/NA	Solid	8015B NM	35913
890-3101-3	C-111	Total/NA	Solid	8015B NM	35913

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 35899 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-4	C-112	Total/NA	Solid	8015B NM	35913
890-3101-5	C-113	Total/NA	Solid	8015B NM	35913
890-3101-6	C-114	Total/NA	Solid	8015B NM	35913
890-3101-7	C-118	Total/NA	Solid	8015B NM	35913
890-3101-8	C-119	Total/NA	Solid	8015B NM	35913
890-3101-9	C-120	Total/NA	Solid	8015B NM	35913
890-3101-10	C-121	Total/NA	Solid	8015B NM	35913
MB 880-35913/1-A	Method Blank	Total/NA	Solid	8015B NM	35913
LCS 880-35913/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35913
LCSD 880-35913/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35913
890-3101-1 MS	C-109	Total/NA	Solid	8015B NM	35913
890-3101-1 MSD	C-109	Total/NA	Solid	8015B NM	35913

Analysis Batch: 35901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-11	C-123	Total/NA	Solid	8015B NM	35914
890-3101-12	C-124	Total/NA	Solid	8015B NM	35914
890-3101-13	C-125	Total/NA	Solid	8015B NM	35914
890-3101-14	C-126	Total/NA	Solid	8015B NM	35914
890-3101-15	C-127	Total/NA	Solid	8015B NM	35914
890-3101-16	C-128	Total/NA	Solid	8015B NM	35914
890-3101-17	C-129	Total/NA	Solid	8015B NM	35914
890-3101-18	C-130	Total/NA	Solid	8015B NM	35914
890-3101-19	C-131	Total/NA	Solid	8015B NM	35914
890-3101-20	C-132	Total/NA	Solid	8015B NM	35914
MB 880-35914/1-A	Method Blank	Total/NA	Solid	8015B NM	35914
LCS 880-35914/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35914
LCSD 880-35914/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35914
890-3101-11 MS	C-123	Total/NA	Solid	8015B NM	35914
890-3101-11 MSD	C-123	Total/NA	Solid	8015B NM	35914

Prep Batch: 35913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-1	C-109	Total/NA	Solid	8015NM Prep	
890-3101-3	C-111	Total/NA	Solid	8015NM Prep	
890-3101-4	C-112	Total/NA	Solid	8015NM Prep	
890-3101-5	C-113	Total/NA	Solid	8015NM Prep	
890-3101-6	C-114	Total/NA	Solid	8015NM Prep	
890-3101-7	C-118	Total/NA	Solid	8015NM Prep	
890-3101-8	C-119	Total/NA	Solid	8015NM Prep	
890-3101-9	C-120	Total/NA	Solid	8015NM Prep	
890-3101-10	C-121	Total/NA	Solid	8015NM Prep	
MB 880-35913/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35913/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35913/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3101-1 MS	C-109	Total/NA	Solid	8015NM Prep	
890-3101-1 MSD	C-109	Total/NA	Solid	8015NM Prep	

Prep Batch: 35914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-11	C-123	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Prep Batch: 35914 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-12	C-124	Total/NA	Solid	8015NM Prep	
890-3101-13	C-125	Total/NA	Solid	8015NM Prep	
890-3101-14	C-126	Total/NA	Solid	8015NM Prep	
890-3101-15	C-127	Total/NA	Solid	8015NM Prep	
890-3101-16	C-128	Total/NA	Solid	8015NM Prep	
890-3101-17	C-129	Total/NA	Solid	8015NM Prep	
890-3101-18	C-130	Total/NA	Solid	8015NM Prep	
890-3101-19	C-131	Total/NA	Solid	8015NM Prep	
890-3101-20	C-132	Total/NA	Solid	8015NM Prep	
MB 880-35914/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35914/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35914/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3101-11 MS	C-123	Total/NA	Solid	8015NM Prep	
890-3101-11 MSD	C-123	Total/NA	Solid	8015NM Prep	

Analysis Batch: 35980

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-1	C-109	Total/NA	Solid	8015 NM	
890-3101-2	C-110	Total/NA	Solid	8015 NM	
890-3101-3	C-111	Total/NA	Solid	8015 NM	
890-3101-4	C-112	Total/NA	Solid	8015 NM	
890-3101-5	C-113	Total/NA	Solid	8015 NM	
890-3101-6	C-114	Total/NA	Solid	8015 NM	
890-3101-7	C-118	Total/NA	Solid	8015 NM	
890-3101-8	C-119	Total/NA	Solid	8015 NM	
890-3101-9	C-120	Total/NA	Solid	8015 NM	
890-3101-10	C-121	Total/NA	Solid	8015 NM	
890-3101-11	C-123	Total/NA	Solid	8015 NM	
890-3101-12	C-124	Total/NA	Solid	8015 NM	
890-3101-13	C-125	Total/NA	Solid	8015 NM	
890-3101-14	C-126	Total/NA	Solid	8015 NM	
890-3101-15	C-127	Total/NA	Solid	8015 NM	
890-3101-16	C-128	Total/NA	Solid	8015 NM	
890-3101-17	C-129	Total/NA	Solid	8015 NM	
890-3101-18	C-130	Total/NA	Solid	8015 NM	
890-3101-19	C-131	Total/NA	Solid	8015 NM	
890-3101-20	C-132	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 35948

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-1	C-109	Soluble	Solid	DI Leach	
890-3101-2	C-110	Soluble	Solid	DI Leach	
890-3101-3	C-111	Soluble	Solid	DI Leach	
890-3101-4	C-112	Soluble	Solid	DI Leach	
890-3101-5	C-113	Soluble	Solid	DI Leach	
890-3101-6	C-114	Soluble	Solid	DI Leach	
890-3101-7	C-118	Soluble	Solid	DI Leach	
890-3101-8	C-119	Soluble	Solid	DI Leach	
890-3101-9	C-120	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 35948 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-10	C-121	Soluble	Solid	DI Leach	
890-3101-11	C-123	Soluble	Solid	DI Leach	
890-3101-12	C-124	Soluble	Solid	DI Leach	
890-3101-13	C-125	Soluble	Solid	DI Leach	
890-3101-14	C-126	Soluble	Solid	DI Leach	
890-3101-15	C-127	Soluble	Solid	DI Leach	
890-3101-16	C-128	Soluble	Solid	DI Leach	
890-3101-17	C-129	Soluble	Solid	DI Leach	
890-3101-18	C-130	Soluble	Solid	DI Leach	
890-3101-19	C-131	Soluble	Solid	DI Leach	
890-3101-20	C-132	Soluble	Solid	DI Leach	
MB 880-35948/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-35948/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-35948/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3101-1 MS	C-109	Soluble	Solid	DI Leach	
890-3101-1 MSD	C-109	Soluble	Solid	DI Leach	
890-3101-11 MS	C-123	Soluble	Solid	DI Leach	
890-3101-11 MSD	C-123	Soluble	Solid	DI Leach	

Analysis Batch: 36001

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3101-1	C-109	Soluble	Solid	300.0	35948
890-3101-2	C-110	Soluble	Solid	300.0	35948
890-3101-3	C-111	Soluble	Solid	300.0	35948
890-3101-4	C-112	Soluble	Solid	300.0	35948
890-3101-5	C-113	Soluble	Solid	300.0	35948
890-3101-6	C-114	Soluble	Solid	300.0	35948
890-3101-7	C-118	Soluble	Solid	300.0	35948
890-3101-8	C-119	Soluble	Solid	300.0	35948
890-3101-9	C-120	Soluble	Solid	300.0	35948
890-3101-10	C-121	Soluble	Solid	300.0	35948
890-3101-11	C-123	Soluble	Solid	300.0	35948
890-3101-12	C-124	Soluble	Solid	300.0	35948
890-3101-13	C-125	Soluble	Solid	300.0	35948
890-3101-14	C-126	Soluble	Solid	300.0	35948
890-3101-15	C-127	Soluble	Solid	300.0	35948
890-3101-16	C-128	Soluble	Solid	300.0	35948
890-3101-17	C-129	Soluble	Solid	300.0	35948
890-3101-18	C-130	Soluble	Solid	300.0	35948
890-3101-19	C-131	Soluble	Solid	300.0	35948
890-3101-20	C-132	Soluble	Solid	300.0	35948
MB 880-35948/1-A	Method Blank	Soluble	Solid	300.0	35948
LCS 880-35948/2-A	Lab Control Sample	Soluble	Solid	300.0	35948
LCSD 880-35948/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	35948
890-3101-1 MS	C-109	Soluble	Solid	300.0	35948
890-3101-1 MSD	C-109	Soluble	Solid	300.0	35948
890-3101-11 MS	C-123	Soluble	Solid	300.0	35948
890-3101-11 MSD	C-123	Soluble	Solid	300.0	35948

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-109
Date Collected: 09/28/22 08:40
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-1
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			4.98 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 04:39	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 11:19	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 18:50	CH	EET MID

Client Sample ID: C-110
Date Collected: 09/28/22 08:42
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 05:05	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35819	09/30/22 14:01	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35738	09/30/22 21:41	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 19:04	CH	EET MID

Client Sample ID: C-111
Date Collected: 09/28/22 08:44
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-3
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			5.04 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 05:32	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 12:45	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 19:09	CH	EET MID

Client Sample ID: C-112
Date Collected: 09/28/22 08:46
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-4
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			5.01 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 05:58	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-112
Date Collected: 09/28/22 08:46
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-4
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			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 13:07	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 19:14	CH	EET MID

Client Sample ID: C-113
Date Collected: 09/28/22 08:50
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-5
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			5.02 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 06:24	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 13:28	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 19:19	CH	EET MID

Client Sample ID: C-114
Date Collected: 09/28/22 08:52
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-6
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			4.99 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 06:51	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 13:50	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 19:33	CH	EET MID

Client Sample ID: C-118
Date Collected: 09/28/22 08:53
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-7
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			5.01 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 07:18	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 14:11	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-118
Date Collected: 09/28/22 08:53
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-7
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			4.97 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 19:38	CH	EET MID

Client Sample ID: C-119
Date Collected: 09/28/22 08:55
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 07:45	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 14:33	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 19:43	CH	EET MID

Client Sample ID: C-120
Date Collected: 09/28/22 08:59
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-9
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	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 08:11	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 15:08	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 19:48	CH	EET MID

Client Sample ID: C-121
Date Collected: 09/28/22 09:00
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-10
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	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 08:37	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 15:29	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 19:53	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-123
Date Collected: 09/28/22 09:07
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-11
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			5.02 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 10:23	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 11:19	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 19:57	CH	EET MID

Client Sample ID: C-124
Date Collected: 09/28/22 09:10
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-12
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			5.03 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 10:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 12:24	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 20:12	CH	EET MID

Client Sample ID: C-125
Date Collected: 09/28/22 12:58
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-13
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			5.01 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 11:19	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 12:45	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 20:17	CH	EET MID

Client Sample ID: C-126
Date Collected: 09/28/22 13:00
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-14
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			5.04 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 11:46	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-126
Date Collected: 09/28/22 13:00
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-14
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			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 13:07	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 20:31	CH	EET MID

Client Sample ID: C-127
Date Collected: 09/28/22 13:04
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-15
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			5.02 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 12:12	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 13:28	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 20:36	CH	EET MID

Client Sample ID: C-128
Date Collected: 09/28/22 13:06
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-16
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			5.03 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 12:39	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 13:50	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 20:41	CH	EET MID

Client Sample ID: C-129
Date Collected: 09/28/22 13:07
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-17
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			5.01 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 13:05	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 14:11	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Client Sample ID: C-129
Date Collected: 09/28/22 13:07
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-17
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	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 20:46	CH	EET MID

Client Sample ID: C-130
Date Collected: 09/28/22 13:10
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-18
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			4.99 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 13:32	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 14:33	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 20:51	CH	EET MID

Client Sample ID: C-131
Date Collected: 09/28/22 13:12
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-19
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	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 13:58	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 15:08	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 20:56	CH	EET MID

Client Sample ID: C-132
Date Collected: 09/28/22 13:15
Date Received: 09/28/22 16:02

Lab Sample ID: 890-3101-20
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			5.01 g	5 mL	36298	10/06/22 16:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36441	10/09/22 14:25	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36519	10/10/22 10:00	AJ	EET MID
Total/NA	Analysis	8015 NM		1			35980	10/03/22 11:45	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 15:29	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	35948	10/03/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1			36001	10/03/22 21:01	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 890-3101-1
Project/Site: Turkey Track SDG: 22-0104-02

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: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3101-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3101-1	C-109	Solid	09/28/22 08:40	09/28/22 16:02
890-3101-2	C-110	Solid	09/28/22 08:42	09/28/22 16:02
890-3101-3	C-111	Solid	09/28/22 08:44	09/28/22 16:02
890-3101-4	C-112	Solid	09/28/22 08:46	09/28/22 16:02
890-3101-5	C-113	Solid	09/28/22 08:50	09/28/22 16:02
890-3101-6	C-114	Solid	09/28/22 08:52	09/28/22 16:02
890-3101-7	C-118	Solid	09/28/22 08:53	09/28/22 16:02
890-3101-8	C-119	Solid	09/28/22 08:55	09/28/22 16:02
890-3101-9	C-120	Solid	09/28/22 08:59	09/28/22 16:02
890-3101-10	C-121	Solid	09/28/22 09:00	09/28/22 16:02
890-3101-11	C-123	Solid	09/28/22 09:07	09/28/22 16:02
890-3101-12	C-124	Solid	09/28/22 09:10	09/28/22 16:02
890-3101-13	C-125	Solid	09/28/22 12:58	09/28/22 16:02
890-3101-14	C-126	Solid	09/28/22 13:00	09/28/22 16:02
890-3101-15	C-127	Solid	09/28/22 13:04	09/28/22 16:02
890-3101-16	C-128	Solid	09/28/22 13:06	09/28/22 16:02
890-3101-17	C-129	Solid	09/28/22 13:07	09/28/22 16:02
890-3101-18	C-130	Solid	09/28/22 13:10	09/28/22 16:02
890-3101-19	C-131	Solid	09/28/22 13:12	09/28/22 16:02
890-3101-20	C-132	Solid	09/28/22 13:15	09/28/22 16:02

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890-3101 Chain of Custody

No. 2743

CHAIN-OF-CUSTODY

10/11/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE: 9/28/2022 PAGE 1 OF 2

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Track

LAI PROJECT #: 22-0104-02 COLLECTOR: PM

Data Reported to:

TRRP report? ☐ Yes ☑ No

TIME ZONE: Time zone/State: MDT/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 ☐	pH ☐	CYANIDE ☐	HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDES ☑	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-109		9/28	8:40	Soil	1				✓																																					
C-110		9/28	8:42		1																																								
C-111			8:44		1																																								
C-112			8:46		1																																								
C-113			8:50		1																																								
C-114			8:52		1																																								
C-118			8:53		1																																								
C-119			8:55		1																																								
C-120			8:59		1																																								
C-121			9:06		1																																								
C-123			9:07		1																																								
C-124			9:10		1																																								
C-125			12:58		1																																								
C-126			13:00		1																																								
C-127		9/28	13:04		1																																								
TOTAL					15																																								

RELINQUISHED BY:(Signature) Preston Mayhew DATE/TIME 9/28/22 16:05 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME 9/28/22 16:02 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY:

TURN AROUND TIME
NORMAL ☑
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 5.4/5.2 -D.2 THERM#: IR-007
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Page 45 of 49

Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Page 925 of 1297

No. 2744

CHAIN-OF-CUSTODY

10/11/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 9/28/2022 PAGE 2 OF 2

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Track

LAI PROJECT #: 22-0104-02 COLLECTOR: PM

TRRP report? ☐ Yes ☑ No

TIME ZONE: Time zone/State: MDT / 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 - PEST ☐ HERB ☐ TCLP VOC ☐ TOTAL METALS (RCRA) ☐ Semi-VOC ☐ LEAD - TOTAL ☐ OTHER LIST ☐ RCI ☐ TOX ☐ D.W. 200.8 ☐ TCLP ☐ TDS ☐ TSS ☐ FLASHPOINT ☐ pH ☐ % MOISTURE ☐ HEXAVALENT CHROMIUM ☐ CYANIDE ☐ EXPLOSIVES ☐ PECHLORATE ☐ CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-128		9/28	13:05	Soil	1				X		X	
C-129		9/28	13:07		1				X		X	
C-130		9/28	13:10		1				X		X	5
C-131		9/28	13:12		1				X		X	
C-132		9/28	13:15		1				X		X	
TOTAL					5							

RELINQUISHED BY:(Signature) DATE/TIME 9/28/22 16:15 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) Amanda Sluf DATE/TIME 9/28/22 16:03 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY:

TURN AROUND TIME
NORMAL ☑
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 5.4/5.2 -0.2 THERM#: TAM-007
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3101-1
SDG Number: 22-0104-02

Login Number: 3101
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3101-1
SDG Number: 22-0104-02

Login Number: 3101
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 09/30/22 10:28 AM

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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3101-1
SDG Number: 22-0104-02

Login Number: 3101
List Number: 3
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 10/03/22 01:12 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3114-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Track

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
10/11/2022 1:15:39 PM

Holly Taylor, Project Manager
(806)794-1296
Holly.Taylor@et.eurofinsus.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Laboratory Job ID: 890-3114-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3114-1
Project/Site: Turkey Track SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
F2	MS/MSD RPD exceeds control limits
S1-	Surrogate recovery exceeds control limits, low biased.
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Larson & Associates, Inc. Job ID: 890-3114-1
Project/Site: Turkey Track SDG: 22-0104-02

Job ID: 890-3114-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3114-1

Receipt
The samples were received on 9/29/2022 4:27 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.6º C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: C-133 (890-3114-1), C-134 (890-3114-2), C-135 (890-3114-3), C-137 (890-3114-4), C-138 (890-3114-5), C-140 (890-3114-6), C-141 (890-3114-7), C-142 (890-3114-8), C-143 (890-3114-9), C-144 (890-3114-10), C-146 (890-3114-11), C-147 (890-3114-12), C-148 (890-3114-13), C-149 (890-3114-14), C-150 (890-3114-15), C-151 (890-3114-16), C-152 (890-3114-17), C-154 (890-3114-18), C-155 (890-3114-19), C-156 (890-3114-20), C-157 (890-3114-21), C-158 (890-3114-22), C-159 (890-3114-23), C-160 (890-3114-24), C-161 (890-3114-25), C-162 (890-3114-26), C-170 (890-3114-27), C-164 (890-3114-28), C-165 (890-3114-29), C-168 (890-3114-30), C-169 (890-3114-31), C-172 (890-3114-32), C-173 (890-3114-33), C-223 (890-3114-34), C-228 (890-3114-35) and C-23 (890-3114-36).
890-3114 Samples recieved in 2 oz jars

GC VOA
Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-36447 and analytical batch 880-36468 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-36447 and analytical batch 880-36468 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 8021B: Surrogate recovery for the following samples were outside control limits: C-135 (890-3114-3) and C-149 (890-3114-14). 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.

GC Semi VOA
Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (LCS 880-35915/2-A) and (LCSD 880-35915/3-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: (890-3112-A-1-B MS) and (890-3112-A-1-C MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-138 (890-3114-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-35913 and analytical batch 880-35899 was outside the upper control limits.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-35914 and analytical batch 880-35901 was outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (LCS 880-35914/2-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-36000 and analytical batch 880-36021 was outside the upper control limits.

Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-36028 and analytical batch 880-36019 was

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Case Narrative

Client: Larson & Associates, Inc. Job ID: 890-3114-1
Project/Site: Turkey Track SDG: 22-0104-02

Job ID: 890-3114-1 (Continued)

Laboratory: Eurofins Carlsbad (Continued)

outside the upper control limits.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-169 (890-3114-31). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-133

Date Collected: 09/29/22 08:02
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 14:11	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 14:11	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 14:11	1
m-Xylene & p-Xylene	<0.00402	U *+ F2	0.00402		mg/Kg		10/08/22 12:02	10/09/22 14:11	1
o-Xylene	<0.00201	U F2	0.00201		mg/Kg		10/08/22 12:02	10/09/22 14:11	1
Xylenes, Total	<0.00402	U *+ F2	0.00402		mg/Kg		10/08/22 12:02	10/09/22 14:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*123*		*70 - 130*	*10/08/22 12:02*	*10/09/22 14:11*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*10/08/22 12:02*	*10/09/22 14:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**386**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:31	10/03/22 16:44	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:31	10/03/22 16:44	1
Oil Range Organics (Over C28-C36)	**386**		49.9		mg/Kg		10/03/22 08:31	10/03/22 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*10/03/22 08:31*	*10/03/22 16:44*	*1*
o-Terphenyl (Surr)	*100*		*70 - 130*	*10/03/22 08:31*	*10/03/22 16:44*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**270**		4.99		mg/Kg			10/05/22 22:25	1

Client Sample ID: C-134

Date Collected: 09/29/22 08:04
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 14:32	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 14:32	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 14:32	1
m-Xylene & p-Xylene	<0.00396	U *+	0.00396		mg/Kg		10/08/22 12:02	10/09/22 14:32	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 14:32	1
Xylenes, Total	<0.00396	U *+	0.00396		mg/Kg		10/08/22 12:02	10/09/22 14:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*10/08/22 12:02*	*10/09/22 14:32*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/08/22 12:02*	*10/09/22 14:32*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-134

Date Collected: 09/29/22 08:04
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**228**		50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:31	10/03/22 17:05	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:31	10/03/22 17:05	1
Oil Range Organics (Over C28-C36)	**228**		50.0		mg/Kg		10/03/22 08:31	10/03/22 17:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*10/03/22 08:31*	*10/03/22 17:05*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*10/03/22 08:31*	*10/03/22 17:05*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.3**		4.97		mg/Kg			10/05/22 22:30	1

Client Sample ID: C-135

Date Collected: 09/29/22 08:10
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00240**		0.00199		mg/Kg		10/08/22 12:02	10/09/22 14:52	1
Toluene	**0.00340**		0.00199		mg/Kg		10/08/22 12:02	10/09/22 14:52	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 14:52	1
m-Xylene & p-Xylene	**0.0190**	*+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 14:52	1
o-Xylene	**0.00421**		0.00199		mg/Kg		10/08/22 12:02	10/09/22 14:52	1
Xylenes, Total	**0.0232**	*+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 14:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/08/22 12:02*	*10/09/22 14:52*	*1*
1,4-Difluorobenzene (Surr)	*133*	*S1+*	*70 - 130*	*10/08/22 12:02*	*10/09/22 14:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0290**		0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**160**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:31	10/03/22 17:26	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:31	10/03/22 17:26	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-135
Date Collected: 09/29/22 08:10
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-3
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	**160**		49.9		mg/Kg		10/03/22 08:31	10/03/22 17:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*10/03/22 08:31*	*10/03/22 17:26*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*10/03/22 08:31*	*10/03/22 17:26*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.6**		4.97		mg/Kg			10/05/22 22:48	1

Client Sample ID: C-137
Date Collected: 09/29/22 08:14
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 15:12	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 15:12	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 15:12	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 15:12	1
o-Xylene	**0.00248**		0.00199		mg/Kg		10/08/22 12:02	10/09/22 15:12	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 15:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*95*		*70 - 130*	*10/08/22 12:02*	*10/09/22 15:12*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*10/08/22 12:02*	*10/09/22 15:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**3880**		50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:31	10/03/22 16:24	1
Diesel Range Organics (Over C10-C28)	**2060**		50.0		mg/Kg		10/03/22 08:31	10/03/22 16:24	1
Oil Range Organics (Over C28-C36)	**1820**		50.0		mg/Kg		10/03/22 08:31	10/03/22 16:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*10/03/22 08:31*	*10/03/22 16:24*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*10/03/22 08:31*	*10/03/22 16:24*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**88.3**		5.00		mg/Kg			10/05/22 22:54	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-138

Date Collected: 09/29/22 08:20
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-5
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 15:33	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 15:33	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 15:33	1
m-Xylene & p-Xylene	<0.00400	U *+	0.00400		mg/Kg		10/08/22 12:02	10/09/22 15:33	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 15:33	1
Xylenes, Total	<0.00400	U *+	0.00400		mg/Kg		10/08/22 12:02	10/09/22 15:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*10/08/22 12:02*	*10/09/22 15:33*	*1*
1,4-Difluorobenzene (Surr)	*114*		*70 - 130*	*10/08/22 12:02*	*10/09/22 15:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**10600**		249		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<249	U	249		mg/Kg		10/03/22 08:31	10/03/22 15:53	5
Diesel Range Organics (Over C10-C28)	**5570**		249		mg/Kg		10/03/22 08:31	10/03/22 15:53	5
Oil Range Organics (Over C28-C36)	**5070**		249		mg/Kg		10/03/22 08:31	10/03/22 15:53	5

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*10/03/22 08:31*	*10/03/22 15:53*	*5*
o-Terphenyl (Surr)	*149*	*S1+*	*70 - 130*	*10/03/22 08:31*	*10/03/22 15:53*	*5*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**115**		5.01		mg/Kg			10/05/22 23:00	1

Client Sample ID: C-140

Date Collected: 09/29/22 08:22
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/08/22 12:02	10/09/22 15:53	1
Toluene	**0.00391**		0.00202		mg/Kg		10/08/22 12:02	10/09/22 15:53	1
Ethylbenzene	**0.00371**		0.00202		mg/Kg		10/08/22 12:02	10/09/22 15:53	1
m-Xylene & p-Xylene	**0.0108**	*+	0.00403		mg/Kg		10/08/22 12:02	10/09/22 15:53	1
o-Xylene	**0.00359**		0.00202		mg/Kg		10/08/22 12:02	10/09/22 15:53	1
Xylenes, Total	**0.0144**	*+	0.00403		mg/Kg		10/08/22 12:02	10/09/22 15:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*71*		*70 - 130*	*10/08/22 12:02*	*10/09/22 15:53*	*1*
1,4-Difluorobenzene (Surr)	*75*		*70 - 130*	*10/08/22 12:02*	*10/09/22 15:53*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-140

Date Collected: 09/29/22 08:22
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-6
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0220**		0.00403		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**156**		50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:31	10/03/22 17:46	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:31	10/03/22 17:46	1
Oil Range Organics (Over C28-C36)	**156**		50.0		mg/Kg		10/03/22 08:31	10/03/22 17:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*91*		*70 - 130*	*10/03/22 08:31*	*10/03/22 17:46*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*10/03/22 08:31*	*10/03/22 17:46*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**48.7**		5.02		mg/Kg			10/05/22 23:05	1

Client Sample ID: C-141

Date Collected: 09/29/22 08:24
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/08/22 12:02	10/09/22 16:14	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/08/22 12:02	10/09/22 16:14	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/08/22 12:02	10/09/22 16:14	1
m-Xylene & p-Xylene	<0.00404	U *+	0.00404		mg/Kg		10/08/22 12:02	10/09/22 16:14	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/08/22 12:02	10/09/22 16:14	1
Xylenes, Total	<0.00404	U *+	0.00404		mg/Kg		10/08/22 12:02	10/09/22 16:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*10/08/22 12:02*	*10/09/22 16:14*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*10/08/22 12:02*	*10/09/22 16:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**127**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:31	10/03/22 18:07	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:31	10/03/22 18:07	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-141
Date Collected: 09/29/22 08:24
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-7
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	**127**		49.9		mg/Kg		10/03/22 08:31	10/03/22 18:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*108*		*70 - 130*	*10/03/22 08:31*	*10/03/22 18:07*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*10/03/22 08:31*	*10/03/22 18:07*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**145**		5.03		mg/Kg			10/05/22 23:11	1

Client Sample ID: C-142
Date Collected: 09/29/22 08:28
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 16:34	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 16:34	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 16:34	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		10/08/22 12:02	10/09/22 16:34	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 16:34	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		10/08/22 12:02	10/09/22 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*107*		*70 - 130*	*10/08/22 12:02*	*10/09/22 16:34*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/08/22 12:02*	*10/09/22 16:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**104**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:31	10/03/22 18:27	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:31	10/03/22 18:27	1
Oll Range Organics (Over C28-C36)	**104**		49.9		mg/Kg		10/03/22 08:31	10/03/22 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*10/03/22 08:31*	*10/03/22 18:27*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*10/03/22 08:31*	*10/03/22 18:27*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.1**		4.99		mg/Kg			10/05/22 23:17	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-143

Date Collected: 09/29/22 08:30
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-9
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 16:54	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 16:54	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 16:54	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 16:54	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 16:54	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 16:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/08/22 12:02*	*10/09/22 16:54*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/08/22 12:02*	*10/09/22 16:54*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**108**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:31	10/03/22 18:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:31	10/03/22 18:48	1
OII Range Organics (Over C28-C36)	**108**		49.9		mg/Kg		10/03/22 08:31	10/03/22 18:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*107*		*70 - 130*	*10/03/22 08:31*	*10/03/22 18:48*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*10/03/22 08:31*	*10/03/22 18:48*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.1**		5.04		mg/Kg			10/05/22 23:35	1

Client Sample ID: C-144

Date Collected: 09/29/22 08:35
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-10
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 17:15	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 17:15	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 17:15	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 17:15	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 17:15	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 17:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*10/08/22 12:02*	*10/09/22 17:15*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*10/08/22 12:02*	*10/09/22 17:15*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-144
Date Collected: 09/29/22 08:35
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**230**		50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 16:12	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 16:12	1
Oil Range Organics (Over C28-C36)	**230**		50.0		mg/Kg		10/03/22 08:29	10/03/22 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*10/03/22 08:29*	*10/03/22 16:12*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*10/03/22 08:29*	*10/03/22 16:12*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**33.2**		5.05		mg/Kg			10/05/22 23:40	1

Client Sample ID: C-146
Date Collected: 09/29/22 11:05
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-11
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 19:15	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 19:15	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 19:15	1
m-Xylene & p-Xylene	<0.00397	U *+	0.00397		mg/Kg		10/08/22 12:02	10/09/22 19:15	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 19:15	1
Xylenes, Total	<0.00397	U *+	0.00397		mg/Kg		10/08/22 12:02	10/09/22 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*10/08/22 12:02*	*10/09/22 19:15*	*1*
1,4-Difluorobenzene (Surr)	*119*		*70 - 130*	*10/08/22 12:02*	*10/09/22 19:15*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 16:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 16:34	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-146

Date Collected: 09/29/22 11:05
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-11

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*104*		*70 - 130*	*10/03/22 08:29*	*10/03/22 16:34*	*1*
o-Terphenyl (Surr)	*114*		*70 - 130*	*10/03/22 08:29*	*10/03/22 16:34*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.7**		4.97		mg/Kg			10/05/22 23:58	1

Client Sample ID: C-147

Date Collected: 09/29/22 11:08
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-12

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 19:35	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 19:35	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/08/22 12:02	10/09/22 19:35	1
m-Xylene & p-Xylene	**0.00539**	*+	0.00396		mg/Kg		10/08/22 12:02	10/09/22 19:35	1
o-Xylene	**0.00507**		0.00198		mg/Kg		10/08/22 12:02	10/09/22 19:35	1
Xylenes, Total	**0.0105**	*+	0.00396		mg/Kg		10/08/22 12:02	10/09/22 19:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*10/08/22 12:02*	*10/09/22 19:35*	*1*
1,4-Difluorobenzene (Surr)	*120*		*70 - 130*	*10/08/22 12:02*	*10/09/22 19:35*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	**0.0105**		0.00396		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 16:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 16:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*10/03/22 08:29*	*10/03/22 16:55*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*10/03/22 08:29*	*10/03/22 16:55*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.9**		4.96		mg/Kg			10/06/22 00:04	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-148
Date Collected: 09/29/22 11:10
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-13
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 19:56	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 19:56	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 19:56	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		10/08/22 12:02	10/09/22 19:56	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 19:56	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		10/08/22 12:02	10/09/22 19:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*10/08/22 12:02*	*10/09/22 19:56*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/08/22 12:02*	*10/09/22 19:56*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 17:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 17:16	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*10/03/22 08:29*	*10/03/22 17:16*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*10/03/22 08:29*	*10/03/22 17:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.5**		4.95		mg/Kg			10/06/22 00:10	1

Client Sample ID: C-149
Date Collected: 09/29/22 11:14
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-14
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 20:16	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 20:16	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 20:16	1
m-Xylene & p-Xylene	<0.00402	U *+	0.00402		mg/Kg		10/08/22 12:02	10/09/22 20:16	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/08/22 12:02	10/09/22 20:16	1
Xylenes, Total	<0.00402	U *+	0.00402		mg/Kg		10/08/22 12:02	10/09/22 20:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*10/08/22 12:02*	*10/09/22 20:16*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*10/08/22 12:02*	*10/09/22 20:16*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-149
Date Collected: 09/29/22 11:14
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 17:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 17:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*10/03/22 08:29*	*10/03/22 17:38*	*1*
o-Terphenyl (Surr)	*121*		*70 - 130*	*10/03/22 08:29*	*10/03/22 17:38*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**47.5**		5.02		mg/Kg			10/06/22 00:16	1

Client Sample ID: C-150
Date Collected: 09/29/22 11:18
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-15
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 20:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 20:36	1
Ethylbenzene	**0.00244**		0.00200		mg/Kg		10/08/22 12:02	10/09/22 20:36	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		10/08/22 12:02	10/09/22 20:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 20:36	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		10/08/22 12:02	10/09/22 20:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*98*		*70 - 130*	*10/08/22 12:02*	*10/09/22 20:36*	*1*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*	*10/08/22 12:02*	*10/09/22 20:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 17:59	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 17:59	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-150

Date Collected: 09/29/22 11:18
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-15

Matrix: Solid

Method: SW846 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		10/03/22 08:29	10/03/22 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*10/03/22 08:29*	*10/03/22 17:59*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*10/03/22 08:29*	*10/03/22 17:59*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**17.6**		4.98		mg/Kg			10/06/22 00:22	1

Client Sample ID: C-151

Date Collected: 09/29/22 11:20
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-16

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/08/22 12:02	10/09/22 20:57	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/08/22 12:02	10/09/22 20:57	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/08/22 12:02	10/09/22 20:57	1
m-Xylene & p-Xylene	<0.00403	U *+	0.00403		mg/Kg		10/08/22 12:02	10/09/22 20:57	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/08/22 12:02	10/09/22 20:57	1
Xylenes, Total	<0.00403	U *+	0.00403		mg/Kg		10/08/22 12:02	10/09/22 20:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*10/08/22 12:02*	*10/09/22 20:57*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*10/08/22 12:02*	*10/09/22 20:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 18:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 18:20	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*119*		*70 - 130*	*10/03/22 08:29*	*10/03/22 18:20*	*1*
o-Terphenyl (Surr)	*128*		*70 - 130*	*10/03/22 08:29*	*10/03/22 18:20*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.5**		5.01		mg/Kg			10/06/22 00:27	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-152
Date Collected: 09/29/22 11:22
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-17
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 21:17	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 21:17	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 21:17	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 21:17	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 21:17	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 21:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*10/08/22 12:02*	*10/09/22 21:17*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*10/08/22 12:02*	*10/09/22 21:17*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**54.6**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 18:42	1
Diesel Range Organics (Over C10-C28)	**54.6**		49.9		mg/Kg		10/03/22 08:29	10/03/22 18:42	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*10/03/22 08:29*	*10/03/22 18:42*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*10/03/22 08:29*	*10/03/22 18:42*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.6**		5.03		mg/Kg			10/06/22 00:33	1

Client Sample ID: C-154
Date Collected: 09/29/22 11:25
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-18
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 21:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 21:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 21:38	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 21:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 21:38	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 21:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*10/08/22 12:02*	*10/09/22 21:38*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/08/22 12:02*	*10/09/22 21:38*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-154
Date Collected: 09/29/22 11:25
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-18
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 19:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 19:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*10/03/22 08:29*	*10/03/22 19:03*	*1*
o-Terphenyl (Surr)	*122*		*70 - 130*	*10/03/22 08:29*	*10/03/22 19:03*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**36.3**		5.02		mg/Kg			10/06/22 02:24	1

Client Sample ID: C-155
Date Collected: 09/29/22 11:28
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-19
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 21:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 21:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 21:58	1
m-Xylene & p-Xylene	<0.00399	U *+	0.00399		mg/Kg		10/08/22 12:02	10/09/22 21:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 21:58	1
Xylenes, Total	<0.00399	U *+	0.00399		mg/Kg		10/08/22 12:02	10/09/22 21:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*	*10/08/22 12:02*	*10/09/22 21:58*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*10/08/22 12:02*	*10/09/22 21:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 19:25	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 19:25	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-155
Date Collected: 09/29/22 11:28
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-19
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:29	10/03/22 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*10/03/22 08:29*	*10/03/22 19:25*	*1*
o-Terphenyl (Surr)	*116*		*70 - 130*	*10/03/22 08:29*	*10/03/22 19:25*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.0**		5.05		mg/Kg			10/06/22 02:30	1

Client Sample ID: C-156
Date Collected: 09/29/22 11:30
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-20
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 22:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 22:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 22:18	1
m-Xylene & p-Xylene	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 22:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/08/22 12:02	10/09/22 22:18	1
Xylenes, Total	<0.00398	U *+	0.00398		mg/Kg		10/08/22 12:02	10/09/22 22:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*10/08/22 12:02*	*10/09/22 22:18*	*1*
1,4-Difluorobenzene (Surr)	*112*		*70 - 130*	*10/08/22 12:02*	*10/09/22 22:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**80.1**		50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 16:12	1
Diesel Range Organics (Over C10-C28)	**80.1**		50.0		mg/Kg		10/03/22 08:25	10/03/22 16:12	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*10/03/22 08:25*	*10/03/22 16:12*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*10/03/22 08:25*	*10/03/22 16:12*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.9**		5.00		mg/Kg			10/06/22 02:36	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-157
Date Collected: 09/29/22 11:35
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-21
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/08/22 13:34	10/10/22 09:50	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/22 13:34	10/10/22 09:50	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/22 13:34	10/10/22 09:50	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/22 13:34	10/10/22 09:50	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/08/22 13:34	10/10/22 09:50	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/22 13:34	10/10/22 09:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*10/08/22 13:34*	*10/10/22 09:50*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/08/22 13:34*	*10/10/22 09:50*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 16:34	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 16:34	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 16:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*10/03/22 08:25*	*10/03/22 16:34*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*10/03/22 08:25*	*10/03/22 16:34*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**26.7**		5.00		mg/Kg			10/06/22 02:42	1

Client Sample ID: C-158
Date Collected: 09/29/22 14:00
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-22
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/08/22 13:34	10/10/22 10:10	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/08/22 13:34	10/10/22 10:10	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/08/22 13:34	10/10/22 10:10	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/08/22 13:34	10/10/22 10:10	1
o-Xylene	<0.00199	U *+	0.00199		mg/Kg		10/08/22 13:34	10/10/22 10:10	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/08/22 13:34	10/10/22 10:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*10/08/22 13:34*	*10/10/22 10:10*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*10/08/22 13:34*	*10/10/22 10:10*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-158
Date Collected: 09/29/22 14:00
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-22
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 16:55	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 16:55	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 16:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*10/03/22 08:25*	*10/03/22 16:55*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*10/03/22 08:25*	*10/03/22 16:55*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**199**		5.04		mg/Kg			10/06/22 02:59	1

Client Sample ID: C-159
Date Collected: 09/29/22 14:02
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-23
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/22 18:21	10/09/22 20:28	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/22 18:21	10/09/22 20:28	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/22 18:21	10/09/22 20:28	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/09/22 18:21	10/09/22 20:28	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/22 18:21	10/09/22 20:28	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/22 18:21	10/09/22 20:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/09/22 18:21*	*10/09/22 20:28*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/09/22 18:21*	*10/09/22 20:28*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 17:16	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 17:16	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-159

Date Collected: 09/29/22 14:02
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-23

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 17:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*10/03/22 08:25*	*10/03/22 17:16*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*10/03/22 08:25*	*10/03/22 17:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**78.5**		5.05		mg/Kg			10/06/22 03:05	1

Client Sample ID: C-160

Date Collected: 09/29/22 14:04
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-24

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	**0.00290**		0.00198		mg/Kg		10/09/22 18:21	10/09/22 20:49	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/09/22 18:21	10/09/22 20:49	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/09/22 18:21	10/09/22 20:49	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/09/22 18:21	10/09/22 20:49	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/09/22 18:21	10/09/22 20:49	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/09/22 18:21	10/09/22 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*10/09/22 18:21*	*10/09/22 20:49*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/09/22 18:21*	*10/09/22 20:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**52.5**		50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 17:38	1
Diesel Range Organics (Over C10-C28)	**52.5**		50.0		mg/Kg		10/03/22 08:25	10/03/22 17:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 17:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*122*		*70 - 130*	*10/03/22 08:25*	*10/03/22 17:38*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*10/03/22 08:25*	*10/03/22 17:38*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**29.8**		4.98		mg/Kg			10/06/22 03:23	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-161
Date Collected: 09/29/22 14:06
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-25
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 21:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 21:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 21:09	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/09/22 18:21	10/09/22 21:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 21:09	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/09/22 18:21	10/09/22 21:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/09/22 18:21*	*10/09/22 21:09*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/09/22 18:21*	*10/09/22 21:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**63.1**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 17:59	1
Diesel Range Organics (Over C10-C28)	**63.1**		49.9		mg/Kg		10/03/22 08:25	10/03/22 17:59	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 17:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*10/03/22 08:25*	*10/03/22 17:59*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*10/03/22 08:25*	*10/03/22 17:59*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**16.4**		4.98		mg/Kg			10/06/22 03:29	1

Client Sample ID: C-162
Date Collected: 09/29/22 14:08
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-26
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/22 18:21	10/09/22 21:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/22 18:21	10/09/22 21:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/22 18:21	10/09/22 21:30	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/22 18:21	10/09/22 21:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/22 18:21	10/09/22 21:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/22 18:21	10/09/22 21:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*78*		*70 - 130*	*10/09/22 18:21*	*10/09/22 21:30*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*10/09/22 18:21*	*10/09/22 21:30*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-162

Date Collected: 09/29/22 14:08
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-26
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 18:20	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 18:20	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 18:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*10/03/22 08:25*	*10/03/22 18:20*	*1*
o-Terphenyl (Surr)	*106*		*70 - 130*	*10/03/22 08:25*	*10/03/22 18:20*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**121**		4.99		mg/Kg			10/06/22 03:34	1

Client Sample ID: C-170

Date Collected: 09/29/22 14:09
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-27
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 21:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 21:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 21:51	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/09/22 18:21	10/09/22 21:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 21:51	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/22 18:21	10/09/22 21:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*10/09/22 18:21*	*10/09/22 21:51*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/09/22 18:21*	*10/09/22 21:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 18:42	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 18:42	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-170

Date Collected: 09/29/22 14:09
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-27

Matrix: Solid

Method: SW846 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		10/03/22 08:25	10/03/22 18:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*120*		*70 - 130*	*10/03/22 08:25*	*10/03/22 18:42*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*10/03/22 08:25*	*10/03/22 18:42*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**215**		4.96		mg/Kg			10/06/22 03:40	1

Client Sample ID: C-164

Date Collected: 09/29/22 14:16
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-28

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 00:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 00:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 00:58	1
m-Xylene & p-Xylene	<0.00399	U	0.00399		mg/Kg		10/09/22 18:21	10/10/22 00:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 00:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		10/09/22 18:21	10/10/22 00:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/09/22 18:21*	*10/10/22 00:58*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*10/09/22 18:21*	*10/10/22 00:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**857**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 19:03	1
Diesel Range Organics (Over C10-C28)	**857**		49.9		mg/Kg		10/03/22 08:25	10/03/22 19:03	1
Oll Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 19:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*10/03/22 08:25*	*10/03/22 19:03*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*10/03/22 08:25*	*10/03/22 19:03*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**131**		5.02		mg/Kg			10/05/22 19:35	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-165

Date Collected: 09/29/22 14:15
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-29

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 01:19	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 01:19	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 01:19	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/09/22 18:21	10/10/22 01:19	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 01:19	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/09/22 18:21	10/10/22 01:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*10/09/22 18:21*	*10/10/22 01:19*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*10/09/22 18:21*	*10/10/22 01:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**659**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 19:25	1
Diesel Range Organics (Over C10-C28)	**659**		49.9		mg/Kg		10/03/22 08:25	10/03/22 19:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 08:25	10/03/22 19:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*10/03/22 08:25*	*10/03/22 19:25*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*10/03/22 08:25*	*10/03/22 19:25*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**168**		5.02		mg/Kg			10/05/22 19:41	1

Client Sample ID: C-168

Date Collected: 09/29/22 14:27
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-30

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/09/22 18:21	10/10/22 01:39	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/09/22 18:21	10/10/22 01:39	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/09/22 18:21	10/10/22 01:39	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/09/22 18:21	10/10/22 01:39	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/09/22 18:21	10/10/22 01:39	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/09/22 18:21	10/10/22 01:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*10/09/22 18:21*	*10/10/22 01:39*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/09/22 18:21*	*10/10/22 01:39*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-168
Date Collected: 09/29/22 14:27
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-30
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**194**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 14:25	10/04/22 13:01	1
Diesel Range Organics (Over C10-C28)	**194**		49.9		mg/Kg		10/03/22 14:25	10/04/22 13:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 14:25	10/04/22 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*116*		*70 - 130*	*10/03/22 14:25*	*10/04/22 13:01*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*10/03/22 14:25*	*10/04/22 13:01*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**127**		4.96		mg/Kg			10/05/22 19:47	1

Client Sample ID: C-169
Date Collected: 09/29/22 14:29
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-31
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 02:00	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 02:00	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 02:00	1
m-Xylene & p-Xylene	<0.00401	U	0.00401		mg/Kg		10/09/22 18:21	10/10/22 02:00	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/10/22 02:00	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		10/09/22 18:21	10/10/22 02:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*10/09/22 18:21*	*10/10/22 02:00*	*1*
1,4-Difluorobenzene (Surr)	*73*		*70 - 130*	*10/09/22 18:21*	*10/10/22 02:00*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/03/22 14:25	10/04/22 13:22	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/03/22 14:25	10/04/22 13:22	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-169
Date Collected: 09/29/22 14:29
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-31
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/03/22 14:25	10/04/22 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*132*	*S1+*	*70 - 130*	*10/03/22 14:25*	*10/04/22 13:22*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*10/03/22 14:25*	*10/04/22 13:22*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**50.1**		4.98		mg/Kg			10/05/22 19:53	1

Client Sample ID: C-172
Date Collected: 09/29/22 14:36
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-32
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/09/22 18:21	10/10/22 02:21	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/09/22 18:21	10/10/22 02:21	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/09/22 18:21	10/10/22 02:21	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/09/22 18:21	10/10/22 02:21	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/09/22 18:21	10/10/22 02:21	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/09/22 18:21	10/10/22 02:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*127*		*70 - 130*	*10/09/22 18:21*	*10/10/22 02:21*	*1*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*	*10/09/22 18:21*	*10/10/22 02:21*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 11:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 11:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 11:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*10/04/22 08:23*	*10/04/22 11:34*	*1*
o-Terphenyl (Surr)	*108*		*70 - 130*	*10/04/22 08:23*	*10/04/22 11:34*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**222**		5.03		mg/Kg			10/05/22 20:10	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-173
Date Collected: 09/29/22 14:38
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-33
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		10/10/22 08:19	10/10/22 14:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		10/10/22 08:19	10/10/22 14:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		10/10/22 08:19	10/10/22 14:31	1
m-Xylene & p-Xylene	<0.00402	U	0.00402		mg/Kg		10/10/22 08:19	10/10/22 14:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		10/10/22 08:19	10/10/22 14:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		10/10/22 08:19	10/10/22 14:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*113*		*70 - 130*	*10/10/22 08:19*	*10/10/22 14:31*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/10/22 08:19*	*10/10/22 14:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/04/22 08:23	10/04/22 12:40	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/04/22 08:23	10/04/22 12:40	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/04/22 08:23	10/04/22 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*97*		*70 - 130*	*10/04/22 08:23*	*10/04/22 12:40*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*10/04/22 08:23*	*10/04/22 12:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**28.8**		5.04		mg/Kg			10/05/22 20:16	1

Client Sample ID: C-223
Date Collected: 09/29/22 14:39
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-34
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		10/10/22 08:19	10/10/22 14:51	1
Toluene	<0.00199	U	0.00199		mg/Kg		10/10/22 08:19	10/10/22 14:51	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		10/10/22 08:19	10/10/22 14:51	1
m-Xylene & p-Xylene	<0.00398	U	0.00398		mg/Kg		10/10/22 08:19	10/10/22 14:51	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		10/10/22 08:19	10/10/22 14:51	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		10/10/22 08:19	10/10/22 14:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*10/10/22 08:19*	*10/10/22 14:51*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*10/10/22 08:19*	*10/10/22 14:51*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-223
Date Collected: 09/29/22 14:39
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-34
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 13:01	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 13:01	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 13:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*10/04/22 08:23*	*10/04/22 13:01*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*10/04/22 08:23*	*10/04/22 13:01*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**181**		5.05		mg/Kg			10/05/22 20:34	1

Client Sample ID: C-228
Date Collected: 09/29/22 14:41
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-35
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		10/10/22 08:19	10/10/22 16:19	1
Toluene	<0.00198	U	0.00198		mg/Kg		10/10/22 08:19	10/10/22 16:19	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		10/10/22 08:19	10/10/22 16:19	1
m-Xylene & p-Xylene	<0.00396	U	0.00396		mg/Kg		10/10/22 08:19	10/10/22 16:19	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		10/10/22 08:19	10/10/22 16:19	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		10/10/22 08:19	10/10/22 16:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*10/10/22 08:19*	*10/10/22 16:19*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*10/10/22 08:19*	*10/10/22 16:19*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**148**		49.9		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 13:22	1
Diesel Range Organics (Over C10-C28)	**148**		49.9		mg/Kg		10/04/22 08:23	10/04/22 13:22	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-228
Date Collected: 09/29/22 14:41
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-35
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/04/22 08:23	10/04/22 13:22	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*10/04/22 08:23*	*10/04/22 13:22*	*1*
o-Terphenyl (Surr)	*109*		*70 - 130*	*10/04/22 08:23*	*10/04/22 13:22*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**180**		5.05		mg/Kg			10/05/22 20:39	1

Client Sample ID: C-23
Date Collected: 09/29/22 14:45
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-36
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:19	10/10/22 16:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:19	10/10/22 16:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:19	10/10/22 16:39	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/10/22 08:19	10/10/22 16:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:19	10/10/22 16:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/10/22 08:19	10/10/22 16:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*93*		*70 - 130*	*10/10/22 08:19*	*10/10/22 16:39*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*10/10/22 08:19*	*10/10/22 16:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			10/10/22 10:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			10/04/22 09:15	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 13:44	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 13:44	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 13:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*10/04/22 08:23*	*10/04/22 13:44*	*1*
o-Terphenyl (Surr)	*97*		*70 - 130*	*10/04/22 08:23*	*10/04/22 13:44*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**51.5**		4.96		mg/Kg			10/05/22 20:45	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

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)
890-3114-1	C-133	123	92
890-3114-1 MS	C-133	126	101
890-3114-1 MSD	C-133	103	111
890-3114-2	C-134	118	97
890-3114-3	C-135	112	133 S1+
890-3114-4	C-137	95	110
890-3114-5	C-138	108	114
890-3114-6	C-140	71	75
890-3114-7	C-141	116	103
890-3114-8	C-142	107	104
890-3114-9	C-143	117	104
890-3114-10	C-144	119	106
890-3114-11	C-146	116	119
890-3114-12	C-147	101	120
890-3114-13	C-148	119	104
890-3114-14	C-149	131 S1+	104
890-3114-15	C-150	98	111
890-3114-16	C-151	111	112
890-3114-17	C-152	113	108
890-3114-18	C-154	118	97
890-3114-19	C-155	96	113
890-3114-20	C-156	93	112
890-3114-21	C-157	108	93
890-3114-22	C-158	92	78
890-3114-23	C-159	109	84
890-3114-23 MS	C-159	84	91
890-3114-23 MSD	C-159	86	87
890-3114-24	C-160	116	93
890-3114-25	C-161	106	94
890-3114-26	C-162	78	81
890-3114-27	C-170	105	88
890-3114-28	C-164	112	93
890-3114-29	C-165	118	113
890-3114-30	C-168	109	95
890-3114-31	C-169	102	73
890-3114-32	C-172	127	95
890-3114-33	C-173	113	84
890-3114-33 MS	C-173	116	99
890-3114-33 MSD	C-173	120	100
890-3114-34	C-223	97	96
890-3114-35	C-228	89	88
890-3114-36	C-23	93	97
LCS 880-36447/1-A	Lab Control Sample	115	104
LCS 880-36451/1-A	Lab Control Sample	91	106
LCS 880-36487/1-A	Lab Control Sample	90	48 S1-
LCS 880-36502/1-A	Lab Control Sample	105	99
LCSD 880-36447/2-A	Lab Control Sample Dup	119	101
LCSD 880-36451/2-A	Lab Control Sample Dup	109	92
LCSD 880-36487/2-A	Lab Control Sample Dup	91	97

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 890-3114-1
Project/Site: Turkey Track SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	BFB1 (70-130)	DFBZ1 (70-130)
LCSD 880-36502/2-A	Lab Control Sample Dup	110	88
MB 880-36447/5-B	Method Blank	114	113
MB 880-36451/5-A	Method Blank	84	85
MB 880-36469/8	Method Blank	86	91
MB 880-36487/5-A	Method Blank	98	85
MB 880-36502/5-A	Method Blank	84	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)
890-3114-1	C-133	94	100
890-3114-2	C-134	96	102
890-3114-3	C-135	92	99
890-3114-4	C-137	104	108
890-3114-5	C-138	94	149 S1+
890-3114-6	C-140	91	96
890-3114-7	C-141	108	115
890-3114-8	C-142	100	106
890-3114-9	C-143	107	114
890-3114-10	C-144	98	108
890-3114-11	C-146	104	114
890-3114-12	C-147	93	102
890-3114-13	C-148	113	122
890-3114-14	C-149	114	121
890-3114-15	C-150	110	110
890-3114-16	C-151	119	128
890-3114-17	C-152	116	120
890-3114-18	C-154	116	122
890-3114-19	C-155	110	116
890-3114-20	C-156	118	104
890-3114-21	C-157	116	107
890-3114-22	C-158	112	101
890-3114-23	C-159	112	103
890-3114-24	C-160	122	110
890-3114-25	C-161	118	106
890-3114-26	C-162	117	106
890-3114-27	C-170	120	107
890-3114-28	C-164	112	102
890-3114-29	C-165	118	103
890-3114-30	C-168	116	110
890-3114-31	C-169	132 S1+	123
890-3114-32	C-172	102	108
890-3114-32 MS	C-172	96	88
890-3114-32 MSD	C-172	82	75

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 890-3114-1
Project/Site: Turkey Track SDG: 22-0104-02

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)								
890-3114-33	C-173	97	102								
890-3114-34	C-223	93	97								
890-3114-35	C-228	106	109								
890-3114-36	C-23	92	97								
LCS 880-35913/2-A	Lab Control Sample	118	109								
LCS 880-35914/2-A	Lab Control Sample	126	133 S1+								
LCS 880-35915/2-A	Lab Control Sample	122	131 S1+								
LCS 880-36000/2-A	Lab Control Sample	98	102								
LCS 880-36028/2-A	Lab Control Sample	99	104								
LCSD 880-35913/3-A	Lab Control Sample Dup	116	110								
LCSD 880-35914/3-A	Lab Control Sample Dup	116	123								
LCSD 880-35915/3-A	Lab Control Sample Dup	129	139 S1+								
LCSD 880-36000/3-A	Lab Control Sample Dup	113	101								
LCSD 880-36028/3-A	Lab Control Sample Dup	100	106								
MB 880-35913/1-A	Method Blank	132 S1+	120								
MB 880-35914/1-A	Method Blank	123	138 S1+								
MB 880-35915/1-A	Method Blank	106	118								
MB 880-36000/1-A	Method Blank	147 S1+	143 S1+								
MB 880-36028/1-A	Method Blank	129	142 S1+								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36447/5-B
Matrix: Solid
Analysis Batch: 36468

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36447

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 13:43	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 13:43	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 13:43	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/08/22 12:02	10/09/22 13:43	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/22 12:02	10/09/22 13:43	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/08/22 12:02	10/09/22 13:43	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*10/08/22 12:02*	*10/09/22 13:43*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*10/08/22 12:02*	*10/09/22 13:43*	*1*

Lab Sample ID: LCS 880-36447/1-A
Matrix: Solid
Analysis Batch: 36468

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36447

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1181		mg/Kg		118	70 - 130		
Toluene			0.100	0.1222		mg/Kg		122	70 - 130		
Ethylbenzene			0.100	0.1225		mg/Kg		123	70 - 130		
m-Xylene & p-Xylene			0.200	0.2461		mg/Kg		123	70 - 130		
o-Xylene			0.100	0.1197		mg/Kg		120	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-36447/2-A
Matrix: Solid
Analysis Batch: 36468

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36447

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1090		mg/Kg		109	70 - 130	8	35
Toluene			0.100	0.1238		mg/Kg		124	70 - 130	1	35
Ethylbenzene			0.100	0.1284		mg/Kg		128	70 - 130	5	35
m-Xylene & p-Xylene			0.200	0.2642	*+	mg/Kg		132	70 - 130	7	35
o-Xylene			0.100	0.1302		mg/Kg		130	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-3114-1 MS
Matrix: Solid
Analysis Batch: 36468

Client Sample ID: C-133
Prep Type: Total/NA
Prep Batch: 36447

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.100	0.09735		mg/Kg		97	70 - 130		
Toluene	<0.00201	U	0.100	0.1120		mg/Kg		112	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3114-1 MS — **Client Sample ID: C-133**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36468 — **Prep Batch: 36447**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.100	0.1140		mg/Kg		114	70 - 130
m-Xylene & p-Xylene	<0.00402	U *+ F2	0.201	0.2338		mg/Kg		116	70 - 130
o-Xylene	<0.00201	U F2	0.100	0.1148		mg/Kg		114	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: 890-3114-1 MSD — **Client Sample ID: C-133**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36468 — **Prep Batch: 36447**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.0990	0.09694		mg/Kg		98	70 - 130	0	35
Toluene	<0.00201	U	0.0990	0.08477		mg/Kg		86	70 - 130	28	35
Ethylbenzene	<0.00201	U	0.0990	0.08284		mg/Kg		84	70 - 130	32	35
m-Xylene & p-Xylene	<0.00402	U *+ F2	0.198	0.1551	F2	mg/Kg		78	70 - 130	40	35
o-Xylene	<0.00201	U F2	0.0990	0.07723	F2	mg/Kg		78	70 - 130	39	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: MB 880-36451/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36469 — **Prep Batch: 36451**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/08/22 13:34	10/10/22 00:08	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/08/22 13:34	10/10/22 00:08	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/08/22 13:34	10/10/22 00:08	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/08/22 13:34	10/10/22 00:08	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/08/22 13:34	10/10/22 00:08	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/08/22 13:34	10/10/22 00:08	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*10/08/22 13:34*	*10/10/22 00:08*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*10/08/22 13:34*	*10/10/22 00:08*	*1*

Lab Sample ID: LCS 880-36451/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36469 — **Prep Batch: 36451**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1003		mg/Kg		100	70 - 130
Toluene	0.100	0.08953		mg/Kg		90	70 - 130
Ethylbenzene	0.100	0.08289		mg/Kg		83	70 - 130
m-Xylene & p-Xylene	0.200	0.1709		mg/Kg		85	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-36451/1-A
Matrix: Solid
Analysis Batch: 36469

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36451

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
o-Xylene			0.100	0.09619		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-36451/2-A
Matrix: Solid
Analysis Batch: 36469

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36451

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09694		mg/Kg		97	70 - 130	3	35
Toluene			0.100	0.1039		mg/Kg		104	70 - 130	15	35
Ethylbenzene			0.100	0.1059		mg/Kg		106	70 - 130	24	35
m-Xylene & p-Xylene			0.200	0.2337		mg/Kg		117	70 - 130	31	35
o-Xylene			0.100	0.1348	*+	mg/Kg		135	70 - 130	33	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: MB 880-36469/8
Matrix: Solid
Analysis Batch: 36469

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg			10/09/22 13:35	1
Toluene	<0.00200	U	0.00200		mg/Kg			10/09/22 13:35	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg			10/09/22 13:35	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg			10/09/22 13:35	1
o-Xylene	<0.00200	U	0.00200		mg/Kg			10/09/22 13:35	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg			10/09/22 13:35	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*		*10/09/22 13:35*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*		*10/09/22 13:35*	*1*

Lab Sample ID: MB 880-36487/5-A
Matrix: Solid
Analysis Batch: 36486

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36487

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 20:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 20:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 20:06	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/09/22 18:21	10/09/22 20:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/09/22 18:21	10/09/22 20:06	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/09/22 18:21	10/09/22 20:06	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		70 - 130	10/09/22 18:21	10/09/22 20:06	1
1,4-Difluorobenzene (Surr)	85		70 - 130	10/09/22 18:21	10/09/22 20:06	1

Lab Sample ID: LCS 880-36487/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36486 — **Prep Batch: 36487**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09390		mg/Kg		94	70 - 130		
Toluene			0.100	0.1085		mg/Kg		109	70 - 130		
Ethylbenzene			0.100	0.1015		mg/Kg		101	70 - 130		
m-Xylene & p-Xylene			0.200	0.2163		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1070		mg/Kg		107	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	90		70 - 130
1,4-Difluorobenzene (Surr)	48	S1-	70 - 130

Lab Sample ID: LCSD 880-36487/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36486 — **Prep Batch: 36487**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1010		mg/Kg		101	70 - 130	7	35
Toluene			0.100	0.1096		mg/Kg		110	70 - 130	1	35
Ethylbenzene			0.100	0.09966		mg/Kg		100	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2091		mg/Kg		105	70 - 130	3	35
o-Xylene			0.100	0.1052		mg/Kg		105	70 - 130	2	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	91		70 - 130
1,4-Difluorobenzene (Surr)	97		70 - 130

Lab Sample ID: 890-3114-23 MS — **Client Sample ID: C-159**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36486 — **Prep Batch: 36487**

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0998	0.08891		mg/Kg		89	70 - 130		
Toluene	<0.00201	U	0.0998	0.09168		mg/Kg		92	70 - 130		
Ethylbenzene	<0.00201	U	0.0998	0.08656		mg/Kg		87	70 - 130		
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1772		mg/Kg		89	70 - 130		
o-Xylene	<0.00201	U	0.0998	0.08747		mg/Kg		88	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
4-Bromofluorobenzene (Surr)	84		70 - 130
1,4-Difluorobenzene (Surr)	91		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3114-23 MSD — **Client Sample ID: C-159**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36486 — **Prep Batch: 36487**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00201	U	0.100	0.08929		mg/Kg		89	70 - 130	0	35
Toluene	<0.00201	U	0.100	0.09315		mg/Kg		93	70 - 130	2	35
Ethylbenzene	<0.00201	U	0.100	0.08996		mg/Kg		90	70 - 130	4	35
m-Xylene & p-Xylene	<0.00402	U	0.200	0.1840		mg/Kg		92	70 - 130	4	35
o-Xylene	<0.00201	U	0.100	0.09701		mg/Kg		97	70 - 130	10	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*86*		*70 - 130*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*

Lab Sample ID: MB 880-36502/5-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36576 — **Prep Batch: 36502**

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:19	10/10/22 14:09	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:19	10/10/22 14:09	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:19	10/10/22 14:09	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/10/22 08:19	10/10/22 14:09	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/10/22 08:19	10/10/22 14:09	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/10/22 08:19	10/10/22 14:09	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*10/10/22 08:19*	*10/10/22 14:09*	*1*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*10/10/22 08:19*	*10/10/22 14:09*	*1*

Lab Sample ID: LCS 880-36502/1-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36576 — **Prep Batch: 36502**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08498		mg/Kg		85	70 - 130		
Toluene			0.100	0.08913		mg/Kg		89	70 - 130		
Ethylbenzene			0.100	0.09110		mg/Kg		91	70 - 130		
m-Xylene & p-Xylene			0.200	0.1988		mg/Kg		99	70 - 130		
o-Xylene			0.100	0.1122		mg/Kg		112	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-36502/2-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 36576 — **Prep Batch: 36502**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08520		mg/Kg		85	70 - 130	0	35
Toluene			0.100	0.08986		mg/Kg		90	70 - 130	1	35

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-36502/2-A
Matrix: Solid
Analysis Batch: 36576

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36502

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Ethylbenzene			0.100	0.08939		mg/Kg		89	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.1958		mg/Kg		98	70 - 130	1	35
o-Xylene			0.100	0.1110		mg/Kg		111	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*

Lab Sample ID: 890-3114-33 MS
Matrix: Solid
Analysis Batch: 36576

Client Sample ID: C-173
Prep Type: Total/NA
Prep Batch: 36502

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00201	U	0.101	0.08048		mg/Kg		80	70 - 130
Toluene	<0.00201	U	0.101	0.08094		mg/Kg		80	70 - 130
Ethylbenzene	<0.00201	U	0.101	0.08079		mg/Kg		80	70 - 130
m-Xylene & p-Xylene	<0.00402	U	0.202	0.1745		mg/Kg		87	70 - 130
o-Xylene	<0.00201	U	0.101	0.09974		mg/Kg		99	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-3114-33 MSD
Matrix: Solid
Analysis Batch: 36576

Client Sample ID: C-173
Prep Type: Total/NA
Prep Batch: 36502

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	0.07235		mg/Kg		73	70 - 130	11	35
Toluene	<0.00201	U	0.0994	0.07714		mg/Kg		78	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.0994	0.08257		mg/Kg		83	70 - 130	2	35
m-Xylene & p-Xylene	<0.00402	U	0.199	0.1761		mg/Kg		89	70 - 130	1	35
o-Xylene	<0.00201	U	0.0994	0.1004		mg/Kg		101	70 - 130	1	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-35913/1-A
Matrix: Solid
Analysis Batch: 35899

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35913

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		10/03/22 08:25	10/03/22 10:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 10:15	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-35913/1-A
Matrix: Solid
Analysis Batch: 35899

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35913

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:25	10/03/22 10:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*132*	*S1+*	*70 - 130*	*10/03/22 08:25*	*10/03/22 10:15*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*10/03/22 08:25*	*10/03/22 10:15*	*1*

Lab Sample ID: LCS 880-35913/2-A
Matrix: Solid
Analysis Batch: 35899

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35913

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	941.0		mg/Kg		94	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1072		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*118*		*70 - 130*
o-Terphenyl (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-35913/3-A
Matrix: Solid
Analysis Batch: 35899

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35913

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	935.1		mg/Kg		94	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1081		mg/Kg		108	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*116*		*70 - 130*
o-Terphenyl (Surr)	*110*		*70 - 130*

Lab Sample ID: MB 880-35914/1-A
Matrix: Solid
Analysis Batch: 35901

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35914

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		10/03/22 08:29	10/03/22 10:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 10:15	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:29	10/03/22 10:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*123*		*70 - 130*	*10/03/22 08:29*	*10/03/22 10:15*	*1*
o-Terphenyl (Surr)	*138*	*S1+*	*70 - 130*	*10/03/22 08:29*	*10/03/22 10:15*	*1*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-35914/2-A
Matrix: Solid
Analysis Batch: 35901

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35914

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1041		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1208		mg/Kg		121	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*126*		*70 - 130*
o-Terphenyl (Surr)	*133*	*S1+*	*70 - 130*

Lab Sample ID: LCSD 880-35914/3-A
Matrix: Solid
Analysis Batch: 35901

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35914

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1020		mg/Kg		102	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1113		mg/Kg		111	70 - 130	8	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*116*		*70 - 130*
o-Terphenyl (Surr)	*123*		*70 - 130*

Lab Sample ID: MB 880-35915/1-A
Matrix: Solid
Analysis Batch: 35895

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 35915

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		10/03/22 08:31	10/03/22 09:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 08:31	10/03/22 09:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 08:31	10/03/22 09:56	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*10/03/22 08:31*	*10/03/22 09:56*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*10/03/22 08:31*	*10/03/22 09:56*	*1*

Lab Sample ID: LCS 880-35915/2-A
Matrix: Solid
Analysis Batch: 35895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35915

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1044		mg/Kg		104	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1062		mg/Kg		106	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-35915/2-A
Matrix: Solid
Analysis Batch: 35895

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 35915

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	122		70 - 130
o-Terphenyl (Surr)	131	S1+	70 - 130

Lab Sample ID: LCSD 880-35915/3-A
Matrix: Solid
Analysis Batch: 35895

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 35915

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1064		mg/Kg		106	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1157		mg/Kg		116	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	129		70 - 130
o-Terphenyl (Surr)	139	S1+	70 - 130

Lab Sample ID: MB 880-36000/1-A
Matrix: Solid
Analysis Batch: 36021

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36000

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		10/03/22 14:25	10/04/22 10:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/03/22 14:25	10/04/22 10:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/03/22 14:25	10/04/22 10:16	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	147	S1+	70 - 130	10/03/22 14:25	10/04/22 10:16	1
o-Terphenyl (Surr)	143	S1+	70 - 130	10/03/22 14:25	10/04/22 10:16	1

Lab Sample ID: LCS 880-36000/2-A
Matrix: Solid
Analysis Batch: 36021

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36000

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	825.3		mg/Kg		83	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	980.5		mg/Kg		98	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	98		70 - 130
o-Terphenyl (Surr)	102		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-36000/3-A
Matrix: Solid
Analysis Batch: 36021

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36000

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	825.4		mg/Kg		83	70 - 130	0	20
Diesel Range Organics (Over C10-C28)			1000	976.9		mg/Kg		98	70 - 130	0	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*113*		*70 - 130*
o-Terphenyl (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-36028/1-A
Matrix: Solid
Analysis Batch: 36019

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36028

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		10/04/22 08:23	10/04/22 10:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 10:16	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/04/22 08:23	10/04/22 10:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*129*		*70 - 130*	*10/04/22 08:23*	*10/04/22 10:16*	*1*
o-Terphenyl (Surr)	*142*	*S1+*	*70 - 130*	*10/04/22 08:23*	*10/04/22 10:16*	*1*

Lab Sample ID: LCS 880-36028/2-A
Matrix: Solid
Analysis Batch: 36019

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36028

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	950.3		mg/Kg		95	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	897.7		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*99*		*70 - 130*
o-Terphenyl (Surr)	*104*		*70 - 130*

Lab Sample ID: LCSD 880-36028/3-A
Matrix: Solid
Analysis Batch: 36019

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36028

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	865.0		mg/Kg		86	70 - 130	9	20
Diesel Range Organics (Over C10-C28)			1000	902.2		mg/Kg		90	70 - 130	0	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-36028/3-A
Matrix: Solid
Analysis Batch: 36019

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36028

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	100		70 - 130
o-Terphenyl (Surr)	106		70 - 130

Lab Sample ID: 890-3114-32 MS
Matrix: Solid
Analysis Batch: 36019

Client Sample ID: C-172
Prep Type: Total/NA
Prep Batch: 36028

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	998	983.0		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	1166		mg/Kg		114	70 - 130		

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	96		70 - 130
o-Terphenyl (Surr)	88		70 - 130

Lab Sample ID: 890-3114-32 MSD
Matrix: Solid
Analysis Batch: 36019

Client Sample ID: C-172
Prep Type: Total/NA
Prep Batch: 36028

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	1106		mg/Kg		109	70 - 130	12	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	1007		mg/Kg		98	70 - 130	15	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	82		70 - 130
o-Terphenyl (Surr)	75		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-36009/1-A
Matrix: Solid
Analysis Batch: 36189

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			10/05/22 18:13	1

Lab Sample ID: LCS 880-36009/2-A
Matrix: Solid
Analysis Batch: 36189

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	254.2		mg/Kg		102	90 - 110		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-36009/3-A
Matrix: Solid
Analysis Batch: 36189

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	243.1		mg/Kg		97	90 - 110	4	20

Lab Sample ID: 890-3114-31 MS
Matrix: Solid
Analysis Batch: 36189

Client Sample ID: C-169
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	50.1		249	274.2		mg/Kg		90	90 - 110

Lab Sample ID: 890-3114-31 MSD
Matrix: Solid
Analysis Batch: 36189

Client Sample ID: C-169
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	50.1		249	291.6		mg/Kg		97	90 - 110	6	20

Lab Sample ID: MB 880-36003/1-A
Matrix: Solid
Analysis Batch: 36197

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			10/05/22 21:38	1

Lab Sample ID: LCS 880-36003/2-A
Matrix: Solid
Analysis Batch: 36197

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride			250	242.4		mg/Kg		97	90 - 110

Lab Sample ID: LCSD 880-36003/3-A
Matrix: Solid
Analysis Batch: 36197

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	258.1		mg/Kg		103	90 - 110	6	20

Lab Sample ID: 890-3114-8 MS
Matrix: Solid
Analysis Batch: 36197

Client Sample ID: C-142
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	23.1		250	272.9		mg/Kg		100	90 - 110

Lab Sample ID: 890-3114-8 MSD
Matrix: Solid
Analysis Batch: 36197

Client Sample ID: C-142
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	23.1		250	255.6		mg/Kg		93	90 - 110	7	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-36004/1-A
Matrix: Solid
Analysis Batch: 36198

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			10/06/22 01:02	1

Lab Sample ID: LCS 880-36004/2-A
Matrix: Solid
Analysis Batch: 36198

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	257.6		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-36004/3-A
Matrix: Solid
Analysis Batch: 36198

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	248.5		mg/Kg		99	90 - 110	4	20

Lab Sample ID: 890-3114-21 MS
Matrix: Solid
Analysis Batch: 36198

Client Sample ID: C-157
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	26.7		250	280.6		mg/Kg		102	90 - 110		

Lab Sample ID: 890-3114-21 MSD
Matrix: Solid
Analysis Batch: 36198

Client Sample ID: C-157
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	26.7		250	266.0		mg/Kg		96	90 - 110	5	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

GC VOA

Prep Batch: 36447

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-1	C-133	Total/NA	Solid	5035	
890-3114-2	C-134	Total/NA	Solid	5035	
890-3114-3	C-135	Total/NA	Solid	5035	
890-3114-4	C-137	Total/NA	Solid	5035	
890-3114-5	C-138	Total/NA	Solid	5035	
890-3114-6	C-140	Total/NA	Solid	5035	
890-3114-7	C-141	Total/NA	Solid	5035	
890-3114-8	C-142	Total/NA	Solid	5035	
890-3114-9	C-143	Total/NA	Solid	5035	
890-3114-10	C-144	Total/NA	Solid	5035	
890-3114-11	C-146	Total/NA	Solid	5035	
890-3114-12	C-147	Total/NA	Solid	5035	
890-3114-13	C-148	Total/NA	Solid	5035	
890-3114-14	C-149	Total/NA	Solid	5035	
890-3114-15	C-150	Total/NA	Solid	5035	
890-3114-16	C-151	Total/NA	Solid	5035	
890-3114-17	C-152	Total/NA	Solid	5035	
890-3114-18	C-154	Total/NA	Solid	5035	
890-3114-19	C-155	Total/NA	Solid	5035	
890-3114-20	C-156	Total/NA	Solid	5035	
MB 880-36447/5-B	Method Blank	Total/NA	Solid	5035	
LCS 880-36447/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36447/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3114-1 MS	C-133	Total/NA	Solid	5035	
890-3114-1 MSD	C-133	Total/NA	Solid	5035	

Prep Batch: 36451

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-21	C-157	Total/NA	Solid	5035	
890-3114-22	C-158	Total/NA	Solid	5035	
MB 880-36451/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36451/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36451/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 36468

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-1	C-133	Total/NA	Solid	8021B	36447
890-3114-2	C-134	Total/NA	Solid	8021B	36447
890-3114-3	C-135	Total/NA	Solid	8021B	36447
890-3114-4	C-137	Total/NA	Solid	8021B	36447
890-3114-5	C-138	Total/NA	Solid	8021B	36447
890-3114-6	C-140	Total/NA	Solid	8021B	36447
890-3114-7	C-141	Total/NA	Solid	8021B	36447
890-3114-8	C-142	Total/NA	Solid	8021B	36447
890-3114-9	C-143	Total/NA	Solid	8021B	36447
890-3114-10	C-144	Total/NA	Solid	8021B	36447
890-3114-11	C-146	Total/NA	Solid	8021B	36447
890-3114-12	C-147	Total/NA	Solid	8021B	36447
890-3114-13	C-148	Total/NA	Solid	8021B	36447
890-3114-14	C-149	Total/NA	Solid	8021B	36447
890-3114-15	C-150	Total/NA	Solid	8021B	36447

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

GC VOA (Continued)

Analysis Batch: 36468 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-16	C-151	Total/NA	Solid	8021B	36447
890-3114-17	C-152	Total/NA	Solid	8021B	36447
890-3114-18	C-154	Total/NA	Solid	8021B	36447
890-3114-19	C-155	Total/NA	Solid	8021B	36447
890-3114-20	C-156	Total/NA	Solid	8021B	36447
MB 880-36447/5-B	Method Blank	Total/NA	Solid	8021B	36447
LCS 880-36447/1-A	Lab Control Sample	Total/NA	Solid	8021B	36447
LCSD 880-36447/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36447
890-3114-1 MS	C-133	Total/NA	Solid	8021B	36447
890-3114-1 MSD	C-133	Total/NA	Solid	8021B	36447

Analysis Batch: 36469

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-21	C-157	Total/NA	Solid	8021B	36451
890-3114-22	C-158	Total/NA	Solid	8021B	36451
MB 880-36451/5-A	Method Blank	Total/NA	Solid	8021B	36451
MB 880-36469/8	Method Blank	Total/NA	Solid	8021B	
LCS 880-36451/1-A	Lab Control Sample	Total/NA	Solid	8021B	36451
LCSD 880-36451/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36451

Analysis Batch: 36486

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-23	C-159	Total/NA	Solid	8021B	36487
890-3114-24	C-160	Total/NA	Solid	8021B	36487
890-3114-25	C-161	Total/NA	Solid	8021B	36487
890-3114-26	C-162	Total/NA	Solid	8021B	36487
890-3114-27	C-170	Total/NA	Solid	8021B	36487
890-3114-28	C-164	Total/NA	Solid	8021B	36487
890-3114-29	C-165	Total/NA	Solid	8021B	36487
890-3114-30	C-168	Total/NA	Solid	8021B	36487
890-3114-31	C-169	Total/NA	Solid	8021B	36487
890-3114-32	C-172	Total/NA	Solid	8021B	36487
MB 880-36487/5-A	Method Blank	Total/NA	Solid	8021B	36487
LCS 880-36487/1-A	Lab Control Sample	Total/NA	Solid	8021B	36487
LCSD 880-36487/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36487
890-3114-23 MS	C-159	Total/NA	Solid	8021B	36487
890-3114-23 MSD	C-159	Total/NA	Solid	8021B	36487

Prep Batch: 36487

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-23	C-159	Total/NA	Solid	5035	
890-3114-24	C-160	Total/NA	Solid	5035	
890-3114-25	C-161	Total/NA	Solid	5035	
890-3114-26	C-162	Total/NA	Solid	5035	
890-3114-27	C-170	Total/NA	Solid	5035	
890-3114-28	C-164	Total/NA	Solid	5035	
890-3114-29	C-165	Total/NA	Solid	5035	
890-3114-30	C-168	Total/NA	Solid	5035	
890-3114-31	C-169	Total/NA	Solid	5035	
890-3114-32	C-172	Total/NA	Solid	5035	
MB 880-36487/5-A	Method Blank	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

GC VOA (Continued)

Prep Batch: 36487 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-36487/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36487/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3114-23 MS	C-159	Total/NA	Solid	5035	
890-3114-23 MSD	C-159	Total/NA	Solid	5035	

Prep Batch: 36502

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-33	C-173	Total/NA	Solid	5035	
890-3114-34	C-223	Total/NA	Solid	5035	
890-3114-35	C-228	Total/NA	Solid	5035	
890-3114-36	C-23	Total/NA	Solid	5035	
MB 880-36502/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36502/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36502/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3114-33 MS	C-173	Total/NA	Solid	5035	
890-3114-33 MSD	C-173	Total/NA	Solid	5035	

Analysis Batch: 36546

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-1	C-133	Total/NA	Solid	Total BTEX	
890-3114-2	C-134	Total/NA	Solid	Total BTEX	
890-3114-3	C-135	Total/NA	Solid	Total BTEX	
890-3114-4	C-137	Total/NA	Solid	Total BTEX	
890-3114-5	C-138	Total/NA	Solid	Total BTEX	
890-3114-6	C-140	Total/NA	Solid	Total BTEX	
890-3114-7	C-141	Total/NA	Solid	Total BTEX	
890-3114-8	C-142	Total/NA	Solid	Total BTEX	
890-3114-9	C-143	Total/NA	Solid	Total BTEX	
890-3114-10	C-144	Total/NA	Solid	Total BTEX	
890-3114-11	C-146	Total/NA	Solid	Total BTEX	
890-3114-12	C-147	Total/NA	Solid	Total BTEX	
890-3114-13	C-148	Total/NA	Solid	Total BTEX	
890-3114-14	C-149	Total/NA	Solid	Total BTEX	
890-3114-15	C-150	Total/NA	Solid	Total BTEX	
890-3114-16	C-151	Total/NA	Solid	Total BTEX	
890-3114-17	C-152	Total/NA	Solid	Total BTEX	
890-3114-18	C-154	Total/NA	Solid	Total BTEX	
890-3114-19	C-155	Total/NA	Solid	Total BTEX	
890-3114-20	C-156	Total/NA	Solid	Total BTEX	
890-3114-21	C-157	Total/NA	Solid	Total BTEX	
890-3114-22	C-158	Total/NA	Solid	Total BTEX	
890-3114-23	C-159	Total/NA	Solid	Total BTEX	
890-3114-24	C-160	Total/NA	Solid	Total BTEX	
890-3114-25	C-161	Total/NA	Solid	Total BTEX	
890-3114-26	C-162	Total/NA	Solid	Total BTEX	
890-3114-27	C-170	Total/NA	Solid	Total BTEX	
890-3114-28	C-164	Total/NA	Solid	Total BTEX	
890-3114-29	C-165	Total/NA	Solid	Total BTEX	
890-3114-30	C-168	Total/NA	Solid	Total BTEX	
890-3114-31	C-169	Total/NA	Solid	Total BTEX	
890-3114-32	C-172	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

GC VOA (Continued)

Analysis Batch: 36546 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-33	C-173	Total/NA	Solid	Total BTEX	
890-3114-34	C-223	Total/NA	Solid	Total BTEX	
890-3114-35	C-228	Total/NA	Solid	Total BTEX	
890-3114-36	C-23	Total/NA	Solid	Total BTEX	

Analysis Batch: 36576

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-33	C-173	Total/NA	Solid	8021B	36502
890-3114-34	C-223	Total/NA	Solid	8021B	36502
890-3114-35	C-228	Total/NA	Solid	8021B	36502
890-3114-36	C-23	Total/NA	Solid	8021B	36502
MB 880-36502/5-A	Method Blank	Total/NA	Solid	8021B	36502
LCS 880-36502/1-A	Lab Control Sample	Total/NA	Solid	8021B	36502
LCSD 880-36502/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36502
890-3114-33 MS	C-173	Total/NA	Solid	8021B	36502
890-3114-33 MSD	C-173	Total/NA	Solid	8021B	36502

GC Semi VOA

Analysis Batch: 35895

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-1	C-133	Total/NA	Solid	8015B NM	35915
890-3114-2	C-134	Total/NA	Solid	8015B NM	35915
890-3114-3	C-135	Total/NA	Solid	8015B NM	35915
890-3114-4	C-137	Total/NA	Solid	8015B NM	35915
890-3114-5	C-138	Total/NA	Solid	8015B NM	35915
890-3114-6	C-140	Total/NA	Solid	8015B NM	35915
890-3114-7	C-141	Total/NA	Solid	8015B NM	35915
890-3114-8	C-142	Total/NA	Solid	8015B NM	35915
890-3114-9	C-143	Total/NA	Solid	8015B NM	35915
MB 880-35915/1-A	Method Blank	Total/NA	Solid	8015B NM	35915
LCS 880-35915/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35915
LCSD 880-35915/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35915

Analysis Batch: 35899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-20	C-156	Total/NA	Solid	8015B NM	35913
890-3114-21	C-157	Total/NA	Solid	8015B NM	35913
890-3114-22	C-158	Total/NA	Solid	8015B NM	35913
890-3114-23	C-159	Total/NA	Solid	8015B NM	35913
890-3114-24	C-160	Total/NA	Solid	8015B NM	35913
890-3114-25	C-161	Total/NA	Solid	8015B NM	35913
890-3114-26	C-162	Total/NA	Solid	8015B NM	35913
890-3114-27	C-170	Total/NA	Solid	8015B NM	35913
890-3114-28	C-164	Total/NA	Solid	8015B NM	35913
890-3114-29	C-165	Total/NA	Solid	8015B NM	35913
MB 880-35913/1-A	Method Blank	Total/NA	Solid	8015B NM	35913
LCS 880-35913/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35913
LCSD 880-35913/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35913

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

GC Semi VOA

Analysis Batch: 35901

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-10	C-144	Total/NA	Solid	8015B NM	35914
890-3114-11	C-146	Total/NA	Solid	8015B NM	35914
890-3114-12	C-147	Total/NA	Solid	8015B NM	35914
890-3114-13	C-148	Total/NA	Solid	8015B NM	35914
890-3114-14	C-149	Total/NA	Solid	8015B NM	35914
890-3114-15	C-150	Total/NA	Solid	8015B NM	35914
890-3114-16	C-151	Total/NA	Solid	8015B NM	35914
890-3114-17	C-152	Total/NA	Solid	8015B NM	35914
890-3114-18	C-154	Total/NA	Solid	8015B NM	35914
890-3114-19	C-155	Total/NA	Solid	8015B NM	35914
MB 880-35914/1-A	Method Blank	Total/NA	Solid	8015B NM	35914
LCS 880-35914/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	35914
LCSD 880-35914/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	35914

Prep Batch: 35913

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-20	C-156	Total/NA	Solid	8015NM Prep	
890-3114-21	C-157	Total/NA	Solid	8015NM Prep	
890-3114-22	C-158	Total/NA	Solid	8015NM Prep	
890-3114-23	C-159	Total/NA	Solid	8015NM Prep	
890-3114-24	C-160	Total/NA	Solid	8015NM Prep	
890-3114-25	C-161	Total/NA	Solid	8015NM Prep	
890-3114-26	C-162	Total/NA	Solid	8015NM Prep	
890-3114-27	C-170	Total/NA	Solid	8015NM Prep	
890-3114-28	C-164	Total/NA	Solid	8015NM Prep	
890-3114-29	C-165	Total/NA	Solid	8015NM Prep	
MB 880-35913/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35913/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35913/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 35914

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-10	C-144	Total/NA	Solid	8015NM Prep	
890-3114-11	C-146	Total/NA	Solid	8015NM Prep	
890-3114-12	C-147	Total/NA	Solid	8015NM Prep	
890-3114-13	C-148	Total/NA	Solid	8015NM Prep	
890-3114-14	C-149	Total/NA	Solid	8015NM Prep	
890-3114-15	C-150	Total/NA	Solid	8015NM Prep	
890-3114-16	C-151	Total/NA	Solid	8015NM Prep	
890-3114-17	C-152	Total/NA	Solid	8015NM Prep	
890-3114-18	C-154	Total/NA	Solid	8015NM Prep	
890-3114-19	C-155	Total/NA	Solid	8015NM Prep	
MB 880-35914/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35914/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35914/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 35915

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-1	C-133	Total/NA	Solid	8015NM Prep	
890-3114-2	C-134	Total/NA	Solid	8015NM Prep	
890-3114-3	C-135	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Prep Batch: 35915 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-4	C-137	Total/NA	Solid	8015NM Prep	
890-3114-5	C-138	Total/NA	Solid	8015NM Prep	
890-3114-6	C-140	Total/NA	Solid	8015NM Prep	
890-3114-7	C-141	Total/NA	Solid	8015NM Prep	
890-3114-8	C-142	Total/NA	Solid	8015NM Prep	
890-3114-9	C-143	Total/NA	Solid	8015NM Prep	
MB 880-35915/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-35915/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-35915/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Prep Batch: 36000

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-30	C-168	Total/NA	Solid	8015NM Prep	
890-3114-31	C-169	Total/NA	Solid	8015NM Prep	
MB 880-36000/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36000/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36000/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 36019

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-32	C-172	Total/NA	Solid	8015B NM	36028
890-3114-33	C-173	Total/NA	Solid	8015B NM	36028
890-3114-34	C-223	Total/NA	Solid	8015B NM	36028
890-3114-35	C-228	Total/NA	Solid	8015B NM	36028
890-3114-36	C-23	Total/NA	Solid	8015B NM	36028
MB 880-36028/1-A	Method Blank	Total/NA	Solid	8015B NM	36028
LCS 880-36028/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36028
LCSD 880-36028/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36028
890-3114-32 MS	C-172	Total/NA	Solid	8015B NM	36028
890-3114-32 MSD	C-172	Total/NA	Solid	8015B NM	36028

Analysis Batch: 36021

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-30	C-168	Total/NA	Solid	8015B NM	36000
890-3114-31	C-169	Total/NA	Solid	8015B NM	36000
MB 880-36000/1-A	Method Blank	Total/NA	Solid	8015B NM	36000
LCS 880-36000/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36000
LCSD 880-36000/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36000

Prep Batch: 36028

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-32	C-172	Total/NA	Solid	8015NM Prep	
890-3114-33	C-173	Total/NA	Solid	8015NM Prep	
890-3114-34	C-223	Total/NA	Solid	8015NM Prep	
890-3114-35	C-228	Total/NA	Solid	8015NM Prep	
890-3114-36	C-23	Total/NA	Solid	8015NM Prep	
MB 880-36028/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36028/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36028/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3114-32 MS	C-172	Total/NA	Solid	8015NM Prep	
890-3114-32 MSD	C-172	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

GC Semi VOA

Analysis Batch: 36043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-1	C-133	Total/NA	Solid	8015 NM	
890-3114-2	C-134	Total/NA	Solid	8015 NM	
890-3114-3	C-135	Total/NA	Solid	8015 NM	
890-3114-4	C-137	Total/NA	Solid	8015 NM	
890-3114-5	C-138	Total/NA	Solid	8015 NM	
890-3114-6	C-140	Total/NA	Solid	8015 NM	
890-3114-7	C-141	Total/NA	Solid	8015 NM	
890-3114-8	C-142	Total/NA	Solid	8015 NM	
890-3114-9	C-143	Total/NA	Solid	8015 NM	
890-3114-10	C-144	Total/NA	Solid	8015 NM	
890-3114-11	C-146	Total/NA	Solid	8015 NM	
890-3114-12	C-147	Total/NA	Solid	8015 NM	
890-3114-13	C-148	Total/NA	Solid	8015 NM	
890-3114-14	C-149	Total/NA	Solid	8015 NM	
890-3114-15	C-150	Total/NA	Solid	8015 NM	
890-3114-16	C-151	Total/NA	Solid	8015 NM	
890-3114-17	C-152	Total/NA	Solid	8015 NM	
890-3114-18	C-154	Total/NA	Solid	8015 NM	
890-3114-19	C-155	Total/NA	Solid	8015 NM	
890-3114-20	C-156	Total/NA	Solid	8015 NM	
890-3114-21	C-157	Total/NA	Solid	8015 NM	
890-3114-22	C-158	Total/NA	Solid	8015 NM	
890-3114-23	C-159	Total/NA	Solid	8015 NM	
890-3114-24	C-160	Total/NA	Solid	8015 NM	
890-3114-25	C-161	Total/NA	Solid	8015 NM	
890-3114-26	C-162	Total/NA	Solid	8015 NM	
890-3114-27	C-170	Total/NA	Solid	8015 NM	
890-3114-28	C-164	Total/NA	Solid	8015 NM	
890-3114-29	C-165	Total/NA	Solid	8015 NM	
890-3114-30	C-168	Total/NA	Solid	8015 NM	
890-3114-31	C-169	Total/NA	Solid	8015 NM	
890-3114-32	C-172	Total/NA	Solid	8015 NM	
890-3114-33	C-173	Total/NA	Solid	8015 NM	
890-3114-34	C-223	Total/NA	Solid	8015 NM	
890-3114-35	C-228	Total/NA	Solid	8015 NM	
890-3114-36	C-23	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 36003

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-1	C-133	Soluble	Solid	DI Leach	
890-3114-2	C-134	Soluble	Solid	DI Leach	
890-3114-3	C-135	Soluble	Solid	DI Leach	
890-3114-4	C-137	Soluble	Solid	DI Leach	
890-3114-5	C-138	Soluble	Solid	DI Leach	
890-3114-6	C-140	Soluble	Solid	DI Leach	
890-3114-7	C-141	Soluble	Solid	DI Leach	
890-3114-8	C-142	Soluble	Solid	DI Leach	
890-3114-9	C-143	Soluble	Solid	DI Leach	
890-3114-10	C-144	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 36003 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-11	C-146	Soluble	Solid	DI Leach	
890-3114-12	C-147	Soluble	Solid	DI Leach	
890-3114-13	C-148	Soluble	Solid	DI Leach	
890-3114-14	C-149	Soluble	Solid	DI Leach	
890-3114-15	C-150	Soluble	Solid	DI Leach	
890-3114-16	C-151	Soluble	Solid	DI Leach	
890-3114-17	C-152	Soluble	Solid	DI Leach	
MB 880-36003/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36003/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36003/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3114-8 MS	C-142	Soluble	Solid	DI Leach	
890-3114-8 MSD	C-142	Soluble	Solid	DI Leach	

Leach Batch: 36004

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-18	C-154	Soluble	Solid	DI Leach	
890-3114-19	C-155	Soluble	Solid	DI Leach	
890-3114-20	C-156	Soluble	Solid	DI Leach	
890-3114-21	C-157	Soluble	Solid	DI Leach	
890-3114-22	C-158	Soluble	Solid	DI Leach	
890-3114-23	C-159	Soluble	Solid	DI Leach	
890-3114-24	C-160	Soluble	Solid	DI Leach	
890-3114-25	C-161	Soluble	Solid	DI Leach	
890-3114-26	C-162	Soluble	Solid	DI Leach	
890-3114-27	C-170	Soluble	Solid	DI Leach	
MB 880-36004/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36004/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36004/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3114-21 MS	C-157	Soluble	Solid	DI Leach	
890-3114-21 MSD	C-157	Soluble	Solid	DI Leach	

Leach Batch: 36009

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-28	C-164	Soluble	Solid	DI Leach	
890-3114-29	C-165	Soluble	Solid	DI Leach	
890-3114-30	C-168	Soluble	Solid	DI Leach	
890-3114-31	C-169	Soluble	Solid	DI Leach	
890-3114-32	C-172	Soluble	Solid	DI Leach	
890-3114-33	C-173	Soluble	Solid	DI Leach	
890-3114-34	C-223	Soluble	Solid	DI Leach	
890-3114-35	C-228	Soluble	Solid	DI Leach	
890-3114-36	C-23	Soluble	Solid	DI Leach	
MB 880-36009/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36009/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36009/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3114-31 MS	C-169	Soluble	Solid	DI Leach	
890-3114-31 MSD	C-169	Soluble	Solid	DI Leach	

Analysis Batch: 36189

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-28	C-164	Soluble	Solid	300.0	36009

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

HPLC/IC (Continued)

Analysis Batch: 36189 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-29	C-165	Soluble	Solid	300.0	36009
890-3114-30	C-168	Soluble	Solid	300.0	36009
890-3114-31	C-169	Soluble	Solid	300.0	36009
890-3114-32	C-172	Soluble	Solid	300.0	36009
890-3114-33	C-173	Soluble	Solid	300.0	36009
890-3114-34	C-223	Soluble	Solid	300.0	36009
890-3114-35	C-228	Soluble	Solid	300.0	36009
890-3114-36	C-23	Soluble	Solid	300.0	36009
MB 880-36009/1-A	Method Blank	Soluble	Solid	300.0	36009
LCS 880-36009/2-A	Lab Control Sample	Soluble	Solid	300.0	36009
LCSD 880-36009/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36009
890-3114-31 MS	C-169	Soluble	Solid	300.0	36009
890-3114-31 MSD	C-169	Soluble	Solid	300.0	36009

Analysis Batch: 36197

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-1	C-133	Soluble	Solid	300.0	36003
890-3114-2	C-134	Soluble	Solid	300.0	36003
890-3114-3	C-135	Soluble	Solid	300.0	36003
890-3114-4	C-137	Soluble	Solid	300.0	36003
890-3114-5	C-138	Soluble	Solid	300.0	36003
890-3114-6	C-140	Soluble	Solid	300.0	36003
890-3114-7	C-141	Soluble	Solid	300.0	36003
890-3114-8	C-142	Soluble	Solid	300.0	36003
890-3114-9	C-143	Soluble	Solid	300.0	36003
890-3114-10	C-144	Soluble	Solid	300.0	36003
890-3114-11	C-146	Soluble	Solid	300.0	36003
890-3114-12	C-147	Soluble	Solid	300.0	36003
890-3114-13	C-148	Soluble	Solid	300.0	36003
890-3114-14	C-149	Soluble	Solid	300.0	36003
890-3114-15	C-150	Soluble	Solid	300.0	36003
890-3114-16	C-151	Soluble	Solid	300.0	36003
890-3114-17	C-152	Soluble	Solid	300.0	36003
MB 880-36003/1-A	Method Blank	Soluble	Solid	300.0	36003
LCS 880-36003/2-A	Lab Control Sample	Soluble	Solid	300.0	36003
LCSD 880-36003/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36003
890-3114-8 MS	C-142	Soluble	Solid	300.0	36003
890-3114-8 MSD	C-142	Soluble	Solid	300.0	36003

Analysis Batch: 36198

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3114-18	C-154	Soluble	Solid	300.0	36004
890-3114-19	C-155	Soluble	Solid	300.0	36004
890-3114-20	C-156	Soluble	Solid	300.0	36004
890-3114-21	C-157	Soluble	Solid	300.0	36004
890-3114-22	C-158	Soluble	Solid	300.0	36004
890-3114-23	C-159	Soluble	Solid	300.0	36004
890-3114-24	C-160	Soluble	Solid	300.0	36004
890-3114-25	C-161	Soluble	Solid	300.0	36004
890-3114-26	C-162	Soluble	Solid	300.0	36004
890-3114-27	C-170	Soluble	Solid	300.0	36004

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

HPLC/IC (Continued)

Analysis Batch: 36198 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-36004/1-A	Method Blank	Soluble	Solid	300.0	36004
LCS 880-36004/2-A	Lab Control Sample	Soluble	Solid	300.0	36004
LCSD 880-36004/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36004
890-3114-21 MS	C-157	Soluble	Solid	300.0	36004
890-3114-21 MSD	C-157	Soluble	Solid	300.0	36004

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-133
Date Collected: 09/29/22 08:02
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-1
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			4.97 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 14:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35915	10/03/22 08:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35895	10/03/22 16:44	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 22:25	CH	EET MID

Client Sample ID: C-134
Date Collected: 09/29/22 08:04
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35915	10/03/22 08:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35895	10/03/22 17:05	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 22:30	CH	EET MID

Client Sample ID: C-135
Date Collected: 09/29/22 08:10
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 14:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35915	10/03/22 08:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35895	10/03/22 17:26	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 22:48	CH	EET MID

Client Sample ID: C-137
Date Collected: 09/29/22 08:14
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-4
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	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 15:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-137
Date Collected: 09/29/22 08:14
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-4
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			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35915	10/03/22 08:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35895	10/03/22 16:24	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 22:54	CH	EET MID

Client Sample ID: C-138
Date Collected: 09/29/22 08:20
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 15:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35915	10/03/22 08:31	DM	EET MID
Total/NA	Analysis	8015B NM		5	1 uL	1 uL	35895	10/03/22 15:53	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 23:00	CH	EET MID

Client Sample ID: C-140
Date Collected: 09/29/22 08:22
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-6
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			4.96 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 15:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35915	10/03/22 08:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35895	10/03/22 17:46	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 23:05	CH	EET MID

Client Sample ID: C-141
Date Collected: 09/29/22 08:24
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-7
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			4.95 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 16:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35915	10/03/22 08:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35895	10/03/22 18:07	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-141
Date Collected: 09/29/22 08:24
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-7
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			4.97 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 23:11	CH	EET MID

Client Sample ID: C-142
Date Collected: 09/29/22 08:28
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 16:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35915	10/03/22 08:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35895	10/03/22 18:27	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 23:17	CH	EET MID

Client Sample ID: C-143
Date Collected: 09/29/22 08:30
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 16:54	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35915	10/03/22 08:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35895	10/03/22 18:48	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 23:35	CH	EET MID

Client Sample ID: C-144
Date Collected: 09/29/22 08:35
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-10
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	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 17:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 16:12	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 23:40	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-146
Date Collected: 09/29/22 11:05
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-11
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	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 19:15	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 16:34	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/05/22 23:58	CH	EET MID

Client Sample ID: C-147
Date Collected: 09/29/22 11:08
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-12
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			5.05 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 19:35	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 16:55	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/06/22 00:04	CH	EET MID

Client Sample ID: C-148
Date Collected: 09/29/22 11:10
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-13
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			4.97 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 19:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 17:16	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/06/22 00:10	CH	EET MID

Client Sample ID: C-149
Date Collected: 09/29/22 11:14
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-14
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	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 20:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-149
Date Collected: 09/29/22 11:14
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-14
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			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 17:38	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/06/22 00:16	CH	EET MID

Client Sample ID: C-150
Date Collected: 09/29/22 11:18
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-15
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			5.01 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 20:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 17:59	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/06/22 00:22	CH	EET MID

Client Sample ID: C-151
Date Collected: 09/29/22 11:20
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-16
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			4.96 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 20:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 18:20	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/06/22 00:27	CH	EET MID

Client Sample ID: C-152
Date Collected: 09/29/22 11:22
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-17
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			5.02 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 21:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 18:42	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-152
Date Collected: 09/29/22 11:22
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-17
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			4.97 g	50 mL	36003	10/03/22 14:28	KS	EET MID
Soluble	Analysis	300.0		1			36197	10/06/22 00:33	CH	EET MID

Client Sample ID: C-154
Date Collected: 09/29/22 11:25
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-18
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			5.03 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 21:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 19:03	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36004	10/03/22 14:30	KS	EET MID
Soluble	Analysis	300.0		1			36198	10/06/22 02:24	CH	EET MID

Client Sample ID: C-155
Date Collected: 09/29/22 11:28
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-19
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			5.01 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 21:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35914	10/03/22 08:29	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35901	10/03/22 19:25	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36004	10/03/22 14:30	KS	EET MID
Soluble	Analysis	300.0		1			36198	10/06/22 02:30	CH	EET MID

Client Sample ID: C-156
Date Collected: 09/29/22 11:30
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-20
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			5.02 g	5 mL	36447	10/08/22 12:02	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36468	10/09/22 22:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 16:12	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36004	10/03/22 14:30	KS	EET MID
Soluble	Analysis	300.0		1			36198	10/06/22 02:36	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-157
Date Collected: 09/29/22 11:35
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-21
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			5.02 g	5 mL	36451	10/08/22 13:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36469	10/10/22 09:50	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 16:34	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	36004	10/03/22 14:30	KS	EET MID
Soluble	Analysis	300.0		1			36198	10/06/22 02:42	CH	EET MID

Client Sample ID: C-158
Date Collected: 09/29/22 14:00
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-22
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			5.03 g	5 mL	36451	10/08/22 13:34	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36469	10/10/22 10:10	AJ	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 16:55	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	36004	10/03/22 14:30	KS	EET MID
Soluble	Analysis	300.0		1			36198	10/06/22 02:59	CH	EET MID

Client Sample ID: C-159
Date Collected: 09/29/22 14:02
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-23
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			4.97 g	5 mL	36487	10/09/22 18:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36486	10/09/22 20:28	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 17:16	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36004	10/03/22 14:30	KS	EET MID
Soluble	Analysis	300.0		1			36198	10/06/22 03:05	CH	EET MID

Client Sample ID: C-160
Date Collected: 09/29/22 14:04
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-24
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			5.05 g	5 mL	36487	10/09/22 18:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36486	10/09/22 20:49	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-160
Date Collected: 09/29/22 14:04
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-24
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			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 17:38	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36004	10/03/22 14:30	KS	EET MID
Soluble	Analysis	300.0		1			36198	10/06/22 03:23	CH	EET MID

Client Sample ID: C-161
Date Collected: 09/29/22 14:06
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-25
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			4.99 g	5 mL	36487	10/09/22 18:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36486	10/09/22 21:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 17:59	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36004	10/03/22 14:30	KS	EET MID
Soluble	Analysis	300.0		1			36198	10/06/22 03:29	CH	EET MID

Client Sample ID: C-162
Date Collected: 09/29/22 14:08
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-26
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			5.03 g	5 mL	36487	10/09/22 18:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36486	10/09/22 21:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 18:20	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	36004	10/03/22 14:30	KS	EET MID
Soluble	Analysis	300.0		1			36198	10/06/22 03:34	CH	EET MID

Client Sample ID: C-170
Date Collected: 09/29/22 14:09
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-27
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			5.01 g	5 mL	36487	10/09/22 18:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36486	10/09/22 21:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 18:42	SM	EET MID

Eurofins Carlsbad

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-170
Date Collected: 09/29/22 14:09
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-27
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			5.04 g	50 mL	36004	10/03/22 14:30	KS	EET MID
Soluble	Analysis	300.0		1			36198	10/06/22 03:40	CH	EET MID

Client Sample ID: C-164
Date Collected: 09/29/22 14:16
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-28
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			5.01 g	5 mL	36487	10/09/22 18:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36486	10/10/22 00:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 19:03	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36009	10/03/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1			36189	10/05/22 19:35	CH	EET MID

Client Sample ID: C-165
Date Collected: 09/29/22 14:15
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-29
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			4.99 g	5 mL	36487	10/09/22 18:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36486	10/10/22 01:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	35913	10/03/22 08:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	35899	10/03/22 19:25	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	36009	10/03/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1			36189	10/05/22 19:41	CH	EET MID

Client Sample ID: C-168
Date Collected: 09/29/22 14:27
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-30
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			4.98 g	5 mL	36487	10/09/22 18:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36486	10/10/22 01:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36000	10/03/22 14:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36021	10/04/22 13:01	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36009	10/03/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1			36189	10/05/22 19:47	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-169
Date Collected: 09/29/22 14:29
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-31
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	36487	10/09/22 18:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36486	10/10/22 02:00	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36000	10/03/22 14:25	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36021	10/04/22 13:22	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36009	10/03/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1			36189	10/05/22 19:53	CH	EET MID

Client Sample ID: C-172
Date Collected: 09/29/22 14:36
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-32
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	36487	10/09/22 18:21	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36486	10/10/22 02:21	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 11:34	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	36009	10/03/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1			36189	10/05/22 20:10	CH	EET MID

Client Sample ID: C-173
Date Collected: 09/29/22 14:38
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-33
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	36502	10/10/22 08:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36576	10/10/22 14:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 12:40	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	36009	10/03/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1			36189	10/05/22 20:16	CH	EET MID

Client Sample ID: C-223
Date Collected: 09/29/22 14:39
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-34
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	36502	10/10/22 08:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36576	10/10/22 14:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Client Sample ID: C-223
Date Collected: 09/29/22 14:39
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-34
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			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 13:01	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36009	10/03/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1			36189	10/05/22 20:34	CH	EET MID

Client Sample ID: C-228
Date Collected: 09/29/22 14:41
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-35
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	36502	10/10/22 08:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36576	10/10/22 16:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 13:22	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	36009	10/03/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1			36189	10/05/22 20:39	CH	EET MID

Client Sample ID: C-23
Date Collected: 09/29/22 14:45
Date Received: 09/29/22 16:27

Lab Sample ID: 890-3114-36
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	36502	10/10/22 08:19	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36576	10/10/22 16:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36546	10/10/22 10:31	AJ	EET MID
Total/NA	Analysis	8015 NM		1			36043	10/04/22 09:15	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	36028	10/04/22 08:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36019	10/04/22 13:44	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	36009	10/03/22 14:46	KS	EET MID
Soluble	Analysis	300.0		1			36189	10/05/22 20:45	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 890-3114-1
Project/Site: Turkey Track SDG: 22-0104-02

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: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3114-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
890-3114-1	C-133	Solid	09/29/22 08:02	09/29/22 16:27
890-3114-2	C-134	Solid	09/29/22 08:04	09/29/22 16:27
890-3114-3	C-135	Solid	09/29/22 08:10	09/29/22 16:27
890-3114-4	C-137	Solid	09/29/22 08:14	09/29/22 16:27
890-3114-5	C-138	Solid	09/29/22 08:20	09/29/22 16:27
890-3114-6	C-140	Solid	09/29/22 08:22	09/29/22 16:27
890-3114-7	C-141	Solid	09/29/22 08:24	09/29/22 16:27
890-3114-8	C-142	Solid	09/29/22 08:28	09/29/22 16:27
890-3114-9	C-143	Solid	09/29/22 08:30	09/29/22 16:27
890-3114-10	C-144	Solid	09/29/22 08:35	09/29/22 16:27
890-3114-11	C-146	Solid	09/29/22 11:05	09/29/22 16:27
890-3114-12	C-147	Solid	09/29/22 11:08	09/29/22 16:27
890-3114-13	C-148	Solid	09/29/22 11:10	09/29/22 16:27
890-3114-14	C-149	Solid	09/29/22 11:14	09/29/22 16:27
890-3114-15	C-150	Solid	09/29/22 11:18	09/29/22 16:27
890-3114-16	C-151	Solid	09/29/22 11:20	09/29/22 16:27
890-3114-17	C-152	Solid	09/29/22 11:22	09/29/22 16:27
890-3114-18	C-154	Solid	09/29/22 11:25	09/29/22 16:27
890-3114-19	C-155	Solid	09/29/22 11:28	09/29/22 16:27
890-3114-20	C-156	Solid	09/29/22 11:30	09/29/22 16:27
890-3114-21	C-157	Solid	09/29/22 11:35	09/29/22 16:27
890-3114-22	C-158	Solid	09/29/22 14:00	09/29/22 16:27
890-3114-23	C-159	Solid	09/29/22 14:02	09/29/22 16:27
890-3114-24	C-160	Solid	09/29/22 14:04	09/29/22 16:27
890-3114-25	C-161	Solid	09/29/22 14:06	09/29/22 16:27
890-3114-26	C-162	Solid	09/29/22 14:08	09/29/22 16:27
890-3114-27	C-170	Solid	09/29/22 14:09	09/29/22 16:27
890-3114-28	C-164	Solid	09/29/22 14:16	09/29/22 16:27
890-3114-29	C-165	Solid	09/29/22 14:15	09/29/22 16:27
890-3114-30	C-168	Solid	09/29/22 14:27	09/29/22 16:27
890-3114-31	C-169	Solid	09/29/22 14:29	09/29/22 16:27
890-3114-32	C-172	Solid	09/29/22 14:36	09/29/22 16:27
890-3114-33	C-173	Solid	09/29/22 14:38	09/29/22 16:27
890-3114-34	C-223	Solid	09/29/22 14:39	09/29/22 16:27
890-3114-35	C-228	Solid	09/29/22 14:41	09/29/22 16:27
890-3114-36	C-23	Solid	09/29/22 14:45	09/29/22 16:27

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No. 2745

CHAIN-OF-CUSTODY

10/11/2022

Larson & Associates, Inc.
Environmental Consultants

890-3114 Chain of Custody

DATE: 9/29/2022 PAGE 1 OF 3

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Track

LAI PROJECT #: 22-0104-02 COLLECTOR: PM

Data Reported to:

TRRP report? ☐ Yes ☑ No

TIME ZONE: Time zone/State: MDT / 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	FIELD NOTES
C-133		9/29	8:02	Soil							
C-134			8:04								
C-135			8:10								
C-137			8:14								
C-138			8:20								
C-140			8:22								
C-141			8:24								
C-142			8:28								
C-143			8:30								
C-144			8:35								
C-146			11:05								
C-147			11:08								
C-148			11:10								
C-149			11:14								
C-150			11:18								
TOTAL											

RELINQUISHED BY:(Signature) Presta King DATE/TIME 9/29/22 16:27 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) Amanda Stuff DATE/TIME 9/29/22 16:27 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY:

TURN AROUND TIME
NORMAL ☑
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 5.8/5.6 THERM#: -0.2 IAM-007
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

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No. 2746

CHAIN-OF-CUSTODY

10/11/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 9/29/22 PAGE 2 OF 3

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Track

LAI PROJECT #: 22-0104-02 COLLECTOR: JPM

TRRP report? ☐ Yes ☑ No

TIME ZONE: Time zone/State: MDT / 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 ☐	RCI ☐	TOX ☐	TDS ☐	TSS ☐	pH ☐	FLASHPOINT ☐	% MOISTURE ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDES ☑	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-151		9/29	11:20	Soil											✓	✓	✓																													
C-152			11:22																																											
C-154			11:25																																										
C-155			11:28																																										
C-156			11:30																																										
C-157			11:35																																										
C-158			14:00																																										
C-159			14:02																																										
C-160			14:04																																										
C-161			14:06																																										
C-162			14:08																																										
C-170			14:09																																										
C-164			14:16																																										
C-165			14:15																																										
C-168			14:27																																										
TOTAL																																												

RELINQUISHED BY:(Signature) Christian Llanes DATE/TIME 9/29/22 16:30 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) Amanda Stiff DATE/TIME 9/29/22 1630 RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY:

TURN AROUND TIME
NORMAL ☐
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 5.8/5.6 -0.2 THERM#: TAM-007
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

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No. 2747

CHAIN-OF-CUSTODY

10/11/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: _____ PAGE 3 OF 3

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: _____

LAI PROJECT #: _____ COLLECTOR: _____

TRRP report? ☐ Yes ☑ No

TIME ZONE: Time zone/State:

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
C-169		9/29/22	14:29	Soil	1							
C-172		"	14:36	"	"							
C-173		"	14:38	"	"							
C-223		"	14:39	"	"							
C-228		"	14:41	"	"							
C-23		"	14:45	"	"							
TOTAL												

ANALYSES: BTEX ☐ MTBE ☐ TPH 1005 ☐ TPH 1006 ☐ TRPH 418.1 ☐ 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 ☐

RELINQUISHED BY:(Signature) Preston Mynatt — DATE/TIME 9/29/22 1635 — RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) Amanda Stuart — DATE/TIME 9/29/22 1635 — RECEIVED BY: (Signature)

RELINQUISHED BY:(Signature) — DATE/TIME — RECEIVED BY: (Signature)

LABORATORY:

TURN AROUND TIME
NORMAL ☑
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 5.8/5.6 -0.2 THERM#: TNM-007
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3114-1
SDG Number: 22-0104-02

Login Number: 3114
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3114-1
SDG Number: 22-0104-02

Login Number: 3114
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 10/03/22 08:40 AM

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 Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3137-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Tract

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
10/11/2022 5:59:57 PM

Holly Taylor, Project Manager
(806)794-1296
Holly.Taylor@et.eurofinsus.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 890-3137-1
SDG: 22-0104-02

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Sample Summary 18
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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3137-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Job ID: 890-3137-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3137-1

Receipt
The samples were received on 10/4/2022 3:15 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.8º C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: C-231 1' (890-3137-1), C-232 0-1' (890-3137-2) and C-253 1.5' (890-3137-3).

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: (880-19920-A-7-H). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8015B NM: The surrogate recovery for the blank associated with preparation batch 880-36186 and analytical batch 880-36113 was outside the upper control limits.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Client Sample ID: C-231 1'

Date Collected: 10/03/22 12:26
Date Received: 10/04/22 15:15
Sample Depth: 1'

Lab Sample ID: 890-3137-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/11/22 08:09	10/11/22 15:52	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/11/22 08:09	10/11/22 15:52	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/11/22 08:09	10/11/22 15:52	1
m-Xylene & p-Xylene	<0.00403	U	0.00403		mg/Kg		10/11/22 08:09	10/11/22 15:52	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/11/22 08:09	10/11/22 15:52	1
Xylenes, Total	<0.00403	U	0.00403		mg/Kg		10/11/22 08:09	10/11/22 15:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*10/11/22 08:09*	*10/11/22 15:52*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*10/11/22 08:09*	*10/11/22 15:52*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00403	U	0.00403		mg/Kg			10/11/22 16:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			10/06/22 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 05:03	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 05:03	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		10/05/22 14:06	10/06/22 05:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*10/05/22 14:06*	*10/06/22 05:03*	*1*
o-Terphenyl (Surr)	*93*		*70 - 130*	*10/05/22 14:06*	*10/06/22 05:03*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**200**		4.98		mg/Kg			10/06/22 21:13	1

Client Sample ID: C-232 0-1'

Date Collected: 10/03/22 12:27
Date Received: 10/04/22 15:15
Sample Depth: 0-1'

Lab Sample ID: 890-3137-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202		mg/Kg		10/11/22 08:09	10/11/22 16:13	1
Toluene	<0.00202	U	0.00202		mg/Kg		10/11/22 08:09	10/11/22 16:13	1
Ethylbenzene	<0.00202	U	0.00202		mg/Kg		10/11/22 08:09	10/11/22 16:13	1
m-Xylene & p-Xylene	<0.00404	U	0.00404		mg/Kg		10/11/22 08:09	10/11/22 16:13	1
o-Xylene	<0.00202	U	0.00202		mg/Kg		10/11/22 08:09	10/11/22 16:13	1
Xylenes, Total	<0.00404	U	0.00404		mg/Kg		10/11/22 08:09	10/11/22 16:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*10/11/22 08:09*	*10/11/22 16:13*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Client Sample ID: C-232 0-1'

Lab Sample ID: 890-3137-2
Matrix: Solid
Date Collected: 10/03/22 12:27
Date Received: 10/04/22 15:15
Sample Depth: 0-1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/11/22 08:09*	*10/11/22 16:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			10/11/22 16:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			10/06/22 11:00	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 05:24	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 05:24	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		10/05/22 14:06	10/06/22 05:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*10/05/22 14:06*	*10/06/22 05:24*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*10/05/22 14:06*	*10/06/22 05:24*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**99.8**		4.97	mg/Kg			10/06/22 21:19	1

Client Sample ID: C-253 1.5'

Lab Sample ID: 890-3137-3
Matrix: Solid
Date Collected: 10/04/22 12:44
Date Received: 10/04/22 15:15
Sample Depth: 1.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		10/11/22 08:09	10/11/22 16:33	1
Toluene	<0.00199	U	0.00199	mg/Kg		10/11/22 08:09	10/11/22 16:33	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		10/11/22 08:09	10/11/22 16:33	1
m-Xylene & p-Xylene	<0.00398	U	0.00398	mg/Kg		10/11/22 08:09	10/11/22 16:33	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		10/11/22 08:09	10/11/22 16:33	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		10/11/22 08:09	10/11/22 16:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*10/11/22 08:09*	*10/11/22 16:33*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*10/11/22 08:09*	*10/11/22 16:33*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			10/11/22 16:37	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			10/06/22 11:00	1

Eurofins Carlsbad

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Client Sample ID: C-253 1.5'

Date Collected: 10/04/22 12:44
Date Received: 10/04/22 15:15
Sample Depth: 1.5'

Lab Sample ID: 890-3137-3

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		10/06/22 08:43	10/06/22 15:11	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		10/06/22 08:43	10/06/22 15:11	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		10/06/22 08:43	10/06/22 15:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*86*		*70 - 130*	*10/06/22 08:43*	*10/06/22 15:11*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*10/06/22 08:43*	*10/06/22 15:11*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**43.1**		4.95		mg/Kg			10/06/22 21:25	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-3137-1	C-231 1'	112	99
890-3137-2	C-232 0-1'	115	101
890-3137-3	C-253 1.5'	117	101
LCS 880-36628/1-A	Lab Control Sample	89	92
LCSD 880-36628/2-A	Lab Control Sample Dup	88	93
MB 880-36628/5-A	Method Blank	106	84

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-3137-1	C-231 1'	84	93
890-3137-2	C-232 0-1'	86	98
890-3137-3	C-253 1.5'	86	88
LCS 880-36186/2-A	Lab Control Sample	91	108
LCS 880-36227/2-A	Lab Control Sample	85	90
LCSD 880-36186/3-A	Lab Control Sample Dup	92	108
LCSD 880-36227/3-A	Lab Control Sample Dup	99	106
MB 880-36186/1-A	Method Blank	6 S1-	7 S1-
MB 880-36227/1-A	Method Blank	105	114

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-36628/5-A
Matrix: Solid
Analysis Batch: 36625

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36628

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		10/11/22 08:09	10/11/22 10:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		10/11/22 08:09	10/11/22 10:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		10/11/22 08:09	10/11/22 10:38	1
m-Xylene & p-Xylene	<0.00400	U	0.00400		mg/Kg		10/11/22 08:09	10/11/22 10:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		10/11/22 08:09	10/11/22 10:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		10/11/22 08:09	10/11/22 10:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*10/11/22 08:09*	*10/11/22 10:38*	*1*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*	*10/11/22 08:09*	*10/11/22 10:38*	*1*

Lab Sample ID: LCS 880-36628/1-A
Matrix: Solid
Analysis Batch: 36625

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36628

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1103		mg/Kg		110	70 - 130		
Toluene			0.100	0.1115		mg/Kg		112	70 - 130		
Ethylbenzene			0.100	0.1048		mg/Kg		105	70 - 130		
m-Xylene & p-Xylene			0.200	0.2169		mg/Kg		108	70 - 130		
o-Xylene			0.100	0.1075		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*

Lab Sample ID: LCSD 880-36628/2-A
Matrix: Solid
Analysis Batch: 36625

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36628

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1090		mg/Kg		109	70 - 130	1	35
Toluene			0.100	0.1103		mg/Kg		110	70 - 130	1	35
Ethylbenzene			0.100	0.1027		mg/Kg		103	70 - 130	2	35
m-Xylene & p-Xylene			0.200	0.2070		mg/Kg		104	70 - 130	5	35
o-Xylene			0.100	0.1038		mg/Kg		104	70 - 130	4	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-36186/1-A
Matrix: Solid
Analysis Batch: 36113

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36186

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		10/05/22 14:06	10/05/22 20:28	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/05/22 14:06	10/05/22 20:28	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/05/22 14:06	10/05/22 20:28	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*6*	*S1-*	*70 - 130*	*10/05/22 14:06*	*10/05/22 20:28*	*1*
o-Terphenyl (Surr)	*7*	*S1-*	*70 - 130*	*10/05/22 14:06*	*10/05/22 20:28*	*1*

Lab Sample ID: LCS 880-36186/2-A
Matrix: Solid
Analysis Batch: 36113

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36186

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	777.3		mg/Kg		78	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	872.8		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*91*		*70 - 130*
o-Terphenyl (Surr)	*108*		*70 - 130*

Lab Sample ID: LCSD 880-36186/3-A
Matrix: Solid
Analysis Batch: 36113

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36186

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	841.3		mg/Kg		84	70 - 130	8	20
Diesel Range Organics (Over C10-C28)			1000	878.3		mg/Kg		88	70 - 130	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*92*		*70 - 130*
o-Terphenyl (Surr)	*108*		*70 - 130*

Lab Sample ID: MB 880-36227/1-A
Matrix: Solid
Analysis Batch: 36218

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36227

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		10/06/22 08:43	10/06/22 09:43	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		10/06/22 08:43	10/06/22 09:43	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		10/06/22 08:43	10/06/22 09:43	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-36227/1-A
Matrix: Solid
Analysis Batch: 36218

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 36227

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	105		70 - 130	10/06/22 08:43	10/06/22 09:43	1
o-Terphenyl (Surr)	114		70 - 130	10/06/22 08:43	10/06/22 09:43	1

Lab Sample ID: LCS 880-36227/2-A
Matrix: Solid
Analysis Batch: 36218

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 36227

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	823.7		mg/Kg		82	70 - 130
Diesel Range Organics (Over C10-C28)	1000	835.9		mg/Kg		84	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	90		70 - 130

Lab Sample ID: LCSD 880-36227/3-A
Matrix: Solid
Analysis Batch: 36218

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 36227

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	893.3		mg/Kg		89	70 - 130	8	20
Diesel Range Organics (Over C10-C28)	1000	915.3		mg/Kg		92	70 - 130	9	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	106		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-36232/1-A
Matrix: Solid
Analysis Batch: 36312

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			10/06/22 18:36	1

Lab Sample ID: LCS 880-36232/2-A
Matrix: Solid
Analysis Batch: 36312

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	255.8		mg/Kg		102	90 - 110

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCSD 880-36232/3-A
Matrix: Solid
Analysis Batch: 36312

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	240.0		mg/Kg		96	90 - 110	6	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

GC VOA

Analysis Batch: 36625

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3137-1	C-231 1'	Total/NA	Solid	8021B	36628
890-3137-2	C-232 0-1'	Total/NA	Solid	8021B	36628
890-3137-3	C-253 1.5'	Total/NA	Solid	8021B	36628
MB 880-36628/5-A	Method Blank	Total/NA	Solid	8021B	36628
LCS 880-36628/1-A	Lab Control Sample	Total/NA	Solid	8021B	36628
LCSD 880-36628/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	36628

Prep Batch: 36628

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3137-1	C-231 1'	Total/NA	Solid	5035	
890-3137-2	C-232 0-1'	Total/NA	Solid	5035	
890-3137-3	C-253 1.5'	Total/NA	Solid	5035	
MB 880-36628/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-36628/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-36628/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 36701

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3137-1	C-231 1'	Total/NA	Solid	Total BTEX	
890-3137-2	C-232 0-1'	Total/NA	Solid	Total BTEX	
890-3137-3	C-253 1.5'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 36113

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3137-1	C-231 1'	Total/NA	Solid	8015B NM	36186
890-3137-2	C-232 0-1'	Total/NA	Solid	8015B NM	36186
MB 880-36186/1-A	Method Blank	Total/NA	Solid	8015B NM	36186
LCS 880-36186/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36186
LCSD 880-36186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36186

Prep Batch: 36186

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3137-1	C-231 1'	Total/NA	Solid	8015NM Prep	
890-3137-2	C-232 0-1'	Total/NA	Solid	8015NM Prep	
MB 880-36186/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-36186/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36186/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 36218

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3137-3	C-253 1.5'	Total/NA	Solid	8015B NM	36227
MB 880-36227/1-A	Method Blank	Total/NA	Solid	8015B NM	36227
LCS 880-36227/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	36227
LCSD 880-36227/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	36227

Prep Batch: 36227

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3137-3	C-253 1.5'	Total/NA	Solid	8015NM Prep	
MB 880-36227/1-A	Method Blank	Total/NA	Solid	8015NM Prep	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Prep Batch: 36227 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-36227/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-36227/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 36262

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3137-1	C-231 1'	Total/NA	Solid	8015 NM	
890-3137-2	C-232 0-1'	Total/NA	Solid	8015 NM	
890-3137-3	C-253 1.5'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 36232

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3137-1	C-231 1'	Soluble	Solid	DI Leach	
890-3137-2	C-232 0-1'	Soluble	Solid	DI Leach	
890-3137-3	C-253 1.5'	Soluble	Solid	DI Leach	
MB 880-36232/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-36232/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-36232/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 36312

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3137-1	C-231 1'	Soluble	Solid	300.0	36232
890-3137-2	C-232 0-1'	Soluble	Solid	300.0	36232
890-3137-3	C-253 1.5'	Soluble	Solid	300.0	36232
MB 880-36232/1-A	Method Blank	Soluble	Solid	300.0	36232
LCS 880-36232/2-A	Lab Control Sample	Soluble	Solid	300.0	36232
LCSD 880-36232/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	36232

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Client Sample ID: C-231 1'
Date Collected: 10/03/22 12:26
Date Received: 10/04/22 15:15

Lab Sample ID: 890-3137-1
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	36628	10/11/22 08:09	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36625	10/11/22 15:52	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36701	10/11/22 16:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			36262	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 05:03	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	36232	10/06/22 09:40	CH	EET MID
Soluble	Analysis	300.0		1			36312	10/06/22 21:13	CH	EET MID

Client Sample ID: C-232 0-1'
Date Collected: 10/03/22 12:27
Date Received: 10/04/22 15:15

Lab Sample ID: 890-3137-2
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	36628	10/11/22 08:09	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36625	10/11/22 16:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36701	10/11/22 16:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			36262	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	36186	10/05/22 14:06	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36113	10/06/22 05:24	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	36232	10/06/22 09:40	CH	EET MID
Soluble	Analysis	300.0		1			36312	10/06/22 21:19	CH	EET MID

Client Sample ID: C-253 1.5'
Date Collected: 10/04/22 12:44
Date Received: 10/04/22 15:15

Lab Sample ID: 890-3137-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	36628	10/11/22 08:09	EL	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	36625	10/11/22 16:33	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			36701	10/11/22 16:37	SM	EET MID
Total/NA	Analysis	8015 NM		1			36262	10/06/22 11:00	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	36227	10/06/22 08:43	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	36218	10/06/22 15:11	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	36232	10/06/22 09:40	CH	EET MID
Soluble	Analysis	300.0		1			36312	10/06/22 21:25	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 890-3137-1
Project/Site: Turkey Tract SDG: 22-0104-02

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: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3137-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3137-1	C-231 1'	Solid	10/03/22 12:26	10/04/22 15:15	1'
890-3137-2	C-232 0-1'	Solid	10/03/22 12:27	10/04/22 15:15	0-1'
890-3137-3	C-253 1.5'	Solid	10/04/22 12:44	10/04/22 15:15	1.5'

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No. 2777

CHAIN-OF-CUSTODY

10/11/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 10/4/2022 PAGE 1 OF 1

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: Turkey Tract

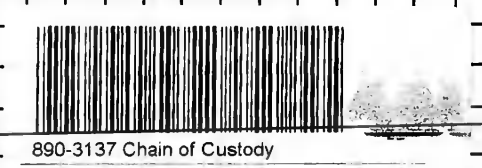
LAI PROJECT #: 22-0104-02 COLLECTOR: DSH

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MNT/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 VOC ☐	TCLP - METALS (RCRA) ☐	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 ☐	CHLORIDE ☐	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-231 1'		10/3/22	1226	S	1					X		X		X		X	X	X																														
C-232 0-1'		10/3/22	1227	S	1					X		X		X		X	X	X																														
C-253 1.5'		10/4/22	1244	S	1					X		X		X		X	X	X																														



TOTAL 3

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
David Shum	10/4/22	
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
Amanda Stath	10/4/22 1515	
RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

LABORATORY: Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 4.0/3.8 -0.2 THERM#: IR-007
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3137-1
SDG Number: 22-0104-02

Login Number: 3137
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3137-1
SDG Number: 22-0104-02

Login Number: 3137
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 10/05/22 12:21 PM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3361-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Tract

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
11/9/2022 3:23:40 PM

Holly Taylor, Project Manager
(806)794-1296
Holly.Taylor@et.eurofinsus.com

LINKS
Review your project results through my EOL
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 890-3361-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3361-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Job ID: 890-3361-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3361-1

Receipt
The samples were received on 11/1/2022 4:01 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.2º C.

Receipt Exceptions
The following samples were received and analyzed from a bulk soil jar: C-135 4.1' (890-3361-1), C-140 4.1' (890-3361-2), C-141 3.5' (890-3361-3), C-142 3.5' (890-3361-4), C-143 3.5' (890-3361-5) and C-144 3.5' (890-3361-6).

GC VOA
Method 8021B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-38647 and analytical batch 880-38705 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-38954 recovered above the upper control limit for Toluene and Ethylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8021B: The result reported for Benzene for the following sample may be attributed to carryover from an earlier analysis: (CCV 880-38953/33).

Method 8021B: Surrogate recovery for the following sample was outside control limits: C-142 3.5' (890-3361-4). 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.

GC Semi VOA
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-3350-A-1-E MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-38586 and analytical batch 880-38574 was outside control limits. Sample non-homogeneity is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Released to Imaging: 5/18/2023 2:46:41 PM

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Client Sample ID: C-135 4.1'

Date Collected: 11/01/22 13:38
Date Received: 11/01/22 16:01
Sample Depth: 4.1'

Lab Sample ID: 890-3361-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 14:12	11/04/22 21:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 14:12	11/04/22 21:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 14:12	11/04/22 21:12	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/03/22 14:12	11/04/22 21:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 14:12	11/04/22 21:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/03/22 14:12	11/04/22 21:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/03/22 14:12*	*11/04/22 21:12*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/03/22 14:12*	*11/04/22 21:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/07/22 15:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 05:57	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 05:57	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 05:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*11/03/22 08:35*	*11/04/22 05:57*	*1*
o-Terphenyl (Surr)	*85*		*70 - 130*	*11/03/22 08:35*	*11/04/22 05:57*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**53.0**		5.04		mg/Kg			11/04/22 21:56	1

Client Sample ID: C-140 4.1'

Date Collected: 11/01/22 13:40
Date Received: 11/01/22 16:01
Sample Depth: 4.1'

Lab Sample ID: 890-3361-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:51	11/08/22 18:06	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:51	11/08/22 18:06	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:51	11/08/22 18:06	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/07/22 13:51	11/08/22 18:06	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:51	11/08/22 18:06	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/07/22 13:51	11/08/22 18:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*	*11/07/22 13:51*	*11/08/22 18:06*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Client Sample ID: C-140 4.1'

Lab Sample ID: 890-3361-2
Matrix: Solid
Date Collected: 11/01/22 13:40
Date Received: 11/01/22 16:01
Sample Depth: 4.1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*11/07/22 13:51*	*11/08/22 18:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			11/09/22 11:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/04/22 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		11/03/22 08:35	11/04/22 06:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		11/03/22 08:35	11/04/22 06:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/03/22 08:35	11/04/22 06:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*81*		*70 - 130*	*11/03/22 08:35*	*11/04/22 06:18*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*11/03/22 08:35*	*11/04/22 06:18*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**37.4**		4.97	mg/Kg			11/04/22 22:01	1

Client Sample ID: C-141 3.5'

Lab Sample ID: 890-3361-3
Matrix: Solid
Date Collected: 11/01/22 13:42
Date Received: 11/01/22 16:01
Sample Depth: 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		11/07/22 13:51	11/08/22 18:27	1
Toluene	<0.00201	U	0.00201	mg/Kg		11/07/22 13:51	11/08/22 18:27	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		11/07/22 13:51	11/08/22 18:27	1
m,p-Xylenes	<0.00402	U	0.00402	mg/Kg		11/07/22 13:51	11/08/22 18:27	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		11/07/22 13:51	11/08/22 18:27	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		11/07/22 13:51	11/08/22 18:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*11/07/22 13:51*	*11/08/22 18:27*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/07/22 13:51*	*11/08/22 18:27*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			11/09/22 11:30	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/04/22 11:08	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Client Sample ID: C-141 3.5'

Lab Sample ID: 890-3361-3
Matrix: Solid
Date Collected: 11/01/22 13:42
Date Received: 11/01/22 16:01
Sample Depth: 3.5'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/03/22 08:35	11/04/22 06:40	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/03/22 08:35	11/04/22 06:40	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/03/22 08:35	11/04/22 06:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*76*		*70 - 130*	*11/03/22 08:35*	*11/04/22 06:40*	*1*
o-Terphenyl (Surr)	*74*		*70 - 130*	*11/03/22 08:35*	*11/04/22 06:40*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**89.6**		4.96		mg/Kg			11/04/22 22:06	1

Client Sample ID: C-142 3.5'

Lab Sample ID: 890-3361-4
Matrix: Solid
Date Collected: 11/01/22 13:44
Date Received: 11/01/22 16:01
Sample Depth: 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/08/22 09:37	11/08/22 18:10	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/08/22 09:37	11/08/22 18:10	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/08/22 09:37	11/08/22 18:10	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		11/08/22 09:37	11/08/22 18:10	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/08/22 09:37	11/08/22 18:10	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		11/08/22 09:37	11/08/22 18:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*132*	*S1+*	*70 - 130*	*11/08/22 09:37*	*11/08/22 18:10*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/08/22 09:37*	*11/08/22 18:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397		mg/Kg			11/09/22 11:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 07:02	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 07:02	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 07:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*11/03/22 08:35*	*11/04/22 07:02*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*11/03/22 08:35*	*11/04/22 07:02*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Client Sample ID: C-142 3.5'

Lab Sample ID: 890-3361-4
Matrix: Solid
Date Collected: 11/01/22 13:44
Date Received: 11/01/22 16:01
Sample Depth: 3.5'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	221		4.98		mg/Kg			11/04/22 22:11	1

Client Sample ID: C-143 3.5'

Lab Sample ID: 890-3361-5
Matrix: Solid
Date Collected: 11/01/22 13:46
Date Received: 11/01/22 16:01
Sample Depth: 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/08/22 09:37	11/08/22 18:30	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/08/22 09:37	11/08/22 18:30	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/08/22 09:37	11/08/22 18:30	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/08/22 09:37	11/08/22 18:30	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/08/22 09:37	11/08/22 18:30	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/08/22 09:37	11/08/22 18:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/08/22 09:37*	*11/08/22 18:30*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*11/08/22 09:37*	*11/08/22 18:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/09/22 11:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 07:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 07:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 07:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*83*		*70 - 130*	*11/03/22 08:35*	*11/04/22 07:24*	*1*
o-Terphenyl (Surr)	*80*		*70 - 130*	*11/03/22 08:35*	*11/04/22 07:24*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.1		4.95		mg/Kg			11/04/22 22:16	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Client Sample ID: C-144 3.5'

Date Collected: 11/01/22 13:48
Date Received: 11/01/22 16:01
Sample Depth: 3.5'

Lab Sample ID: 890-3361-6

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 18:51	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 18:51	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 18:51	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/08/22 09:37	11/08/22 18:51	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 18:51	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/08/22 09:37	11/08/22 18:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*11/08/22 09:37*	*11/08/22 18:51*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/08/22 09:37*	*11/08/22 18:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00400	U	0.00400		mg/Kg			11/09/22 11:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/04/22 11:08	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 07:45	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 07:45	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/04/22 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*11/03/22 08:35*	*11/04/22 07:45*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*11/03/22 08:35*	*11/04/22 07:45*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.6**		4.97		mg/Kg			11/04/22 22:21	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-3361-1	C-135 4.1'	114	100
890-3361-2	C-140 4.1'	104	79
890-3361-3	C-141 3.5'	108	93
890-3361-4	C-142 3.5'	132 S1+	100
890-3361-5	C-143 3.5'	114	98
890-3361-6	C-144 3.5'	120	102
LCS 880-38647/1-A	Lab Control Sample	108	99
LCS 880-38884/1-A	Lab Control Sample	99	106
LCS 880-38955/1-A	Lab Control Sample	103	98
LCSD 880-38647/2-A	Lab Control Sample Dup	109	101
LCSD 880-38884/2-A	Lab Control Sample Dup	104	103
LCSD 880-38955/2-A	Lab Control Sample Dup	117	93
MB 880-38647/5-A	Method Blank	89	101
MB 880-38884/5-A	Method Blank	88	92
MB 880-38955/5-A	Method Blank	89	101

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-3361-1	C-135 4.1'	92	85
890-3361-2	C-140 4.1'	81	81
890-3361-3	C-141 3.5'	76	74
890-3361-4	C-142 3.5'	83	80
890-3361-5	C-143 3.5'	83	80
890-3361-6	C-144 3.5'	98	91
LCS 880-38586/2-A	Lab Control Sample	99	89
LCSD 880-38586/3-A	Lab Control Sample Dup	105	105
MB 880-38586/1-A	Method Blank	83	80

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-38647/5-A
Matrix: Solid
Analysis Batch: 38705

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38647

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/03/22 14:12	11/04/22 13:21	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/03/22 14:12	11/04/22 13:21	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/03/22 14:12	11/04/22 13:21	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/03/22 14:12	11/04/22 13:21	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/03/22 14:12	11/04/22 13:21	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/03/22 14:12	11/04/22 13:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*11/03/22 14:12*	*11/04/22 13:21*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/03/22 14:12*	*11/04/22 13:21*	*1*

Lab Sample ID: LCS 880-38647/1-A
Matrix: Solid
Analysis Batch: 38705

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38647

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09434		mg/Kg		94	70 - 130		
Toluene			0.100	0.1036		mg/Kg		104	70 - 130		
Ethylbenzene			0.100	0.1062		mg/Kg		106	70 - 130		
m,p-Xylenes			0.200	0.1880		mg/Kg		94	70 - 130		
o-Xylene			0.100	0.09220		mg/Kg		92	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-38647/2-A
Matrix: Solid
Analysis Batch: 38705

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 38647

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09800		mg/Kg		98	70 - 130	4	35
Toluene			0.100	0.1092		mg/Kg		109	70 - 130	5	35
Ethylbenzene			0.100	0.1055		mg/Kg		106	70 - 130	1	35
m,p-Xylenes			0.200	0.1858		mg/Kg		93	70 - 130	1	35
o-Xylene			0.100	0.09101		mg/Kg		91	70 - 130	1	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*

Lab Sample ID: MB 880-38884/5-A
Matrix: Solid
Analysis Batch: 38953

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38884

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:51	11/08/22 10:48	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:51	11/08/22 10:48	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-38884/5-A
Matrix: Solid
Analysis Batch: 38953

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38884

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:51	11/08/22 10:48	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/07/22 13:51	11/08/22 10:48	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:51	11/08/22 10:48	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/07/22 13:51	11/08/22 10:48	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*88*		*70 - 130*	*11/07/22 13:51*	*11/08/22 10:48*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/07/22 13:51*	*11/08/22 10:48*	*1*

Lab Sample ID: LCS 880-38884/1-A
Matrix: Solid
Analysis Batch: 38953

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38884

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1103		mg/Kg		110	70 - 130		
Toluene			0.100	0.09509		mg/Kg		95	70 - 130		
Ethylbenzene			0.100	0.09058		mg/Kg		91	70 - 130		
m,p-Xylenes			0.200	0.1845		mg/Kg		92	70 - 130		
o-Xylene			0.100	0.09017		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*

Lab Sample ID: LCSD 880-38884/2-A
Matrix: Solid
Analysis Batch: 38953

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 38884

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1027		mg/Kg		103	70 - 130	7	35
Toluene			0.100	0.09219		mg/Kg		92	70 - 130	3	35
Ethylbenzene			0.100	0.09052		mg/Kg		91	70 - 130	0	35
m,p-Xylenes			0.200	0.1879		mg/Kg		94	70 - 130	2	35
o-Xylene			0.100	0.09208		mg/Kg		92	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*104*		*70 - 130*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*

Lab Sample ID: MB 880-38955/5-A
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38955

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 15:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 15:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 15:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/08/22 09:37	11/08/22 15:18	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-38955/5-A
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38955

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 15:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/08/22 09:37	11/08/22 15:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*11/08/22 09:37*	*11/08/22 15:18*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/08/22 09:37*	*11/08/22 15:18*	*1*

Lab Sample ID: LCS 880-38955/1-A
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38955

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1011		mg/Kg		101	70 - 130		
Toluene			0.100	0.1069		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1046		mg/Kg		105	70 - 130		
m,p-Xylenes			0.200	0.1828		mg/Kg		91	70 - 130		
o-Xylene			0.100	0.08892		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-38955/2-A
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 38955

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09513		mg/Kg		95	70 - 130	6	35
Toluene			0.100	0.1148		mg/Kg		115	70 - 130	7	35
Ethylbenzene			0.100	0.1150		mg/Kg		115	70 - 130	9	35
m,p-Xylenes			0.200	0.2054		mg/Kg		103	70 - 130	12	35
o-Xylene			0.100	0.09971		mg/Kg		100	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-38586/1-A
Matrix: Solid
Analysis Batch: 38574

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38586

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		11/03/22 08:35	11/03/22 22:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/03/22 22:42	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/03/22 08:35	11/03/22 22:42	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	83		70 - 130	11/03/22 08:35	11/03/22 22:42	1
o-Terphenyl (Surr)	80		70 - 130	11/03/22 08:35	11/03/22 22:42	1

Lab Sample ID: LCS 880-38586/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 38574 — **Prep Batch: 38586**

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	887.3		mg/Kg		89	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1144		mg/Kg		114	70 - 130		

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	99		70 - 130
o-Terphenyl (Surr)	89		70 - 130

Lab Sample ID: LCSD 880-38586/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 38574 — **Prep Batch: 38586**

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1084		mg/Kg		108	70 - 130	20	20
Diesel Range Organics (Over C10-C28)			1000	1300		mg/Kg		130	70 - 130	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	105		70 - 130
o-Terphenyl (Surr)	105		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-38610/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 38766

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/04/22 20:57	1

Lab Sample ID: LCS 880-38610/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 38766

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	260.1		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-38610/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 38766

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.5		mg/Kg		101	90 - 110	3	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 890-3361-6 MS
Matrix: Solid
Analysis Batch: 38766

Client Sample ID: C-144 3.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	46.6		249	295.1		mg/Kg		100	90 - 110		

Lab Sample ID: 890-3361-6 MSD
Matrix: Solid
Analysis Batch: 38766

Client Sample ID: C-144 3.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	46.6		249	288.6		mg/Kg		97	90 - 110	2	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

GC VOA

Prep Batch: 38647

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-1	C-135 4.1'	Total/NA	Solid	5035	
MB 880-38647/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-38647/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38647/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 38705

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-1	C-135 4.1'	Total/NA	Solid	8021B	38647
MB 880-38647/5-A	Method Blank	Total/NA	Solid	8021B	38647
LCS 880-38647/1-A	Lab Control Sample	Total/NA	Solid	8021B	38647
LCSD 880-38647/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38647

Prep Batch: 38884

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-2	C-140 4.1'	Total/NA	Solid	5035	
890-3361-3	C-141 3.5'	Total/NA	Solid	5035	
MB 880-38884/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-38884/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38884/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 38899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-1	C-135 4.1'	Total/NA	Solid	Total BTEX	
890-3361-2	C-140 4.1'	Total/NA	Solid	Total BTEX	
890-3361-3	C-141 3.5'	Total/NA	Solid	Total BTEX	
890-3361-4	C-142 3.5'	Total/NA	Solid	Total BTEX	
890-3361-5	C-143 3.5'	Total/NA	Solid	Total BTEX	
890-3361-6	C-144 3.5'	Total/NA	Solid	Total BTEX	

Analysis Batch: 38953

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-2	C-140 4.1'	Total/NA	Solid	8021B	38884
890-3361-3	C-141 3.5'	Total/NA	Solid	8021B	38884
MB 880-38884/5-A	Method Blank	Total/NA	Solid	8021B	38884
LCS 880-38884/1-A	Lab Control Sample	Total/NA	Solid	8021B	38884
LCSD 880-38884/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38884

Analysis Batch: 38954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-4	C-142 3.5'	Total/NA	Solid	8021B	38955
890-3361-5	C-143 3.5'	Total/NA	Solid	8021B	38955
890-3361-6	C-144 3.5'	Total/NA	Solid	8021B	38955
MB 880-38955/5-A	Method Blank	Total/NA	Solid	8021B	38955
LCS 880-38955/1-A	Lab Control Sample	Total/NA	Solid	8021B	38955
LCSD 880-38955/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38955

Prep Batch: 38955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-4	C-142 3.5'	Total/NA	Solid	5035	
890-3361-5	C-143 3.5'	Total/NA	Solid	5035	
890-3361-6	C-144 3.5'	Total/NA	Solid	5035	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

GC VOA (Continued)

Prep Batch: 38955 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-38955/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-38955/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38955/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

GC Semi VOA

Analysis Batch: 38574

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-1	C-135 4.1'	Total/NA	Solid	8015B NM	38586
890-3361-2	C-140 4.1'	Total/NA	Solid	8015B NM	38586
890-3361-3	C-141 3.5'	Total/NA	Solid	8015B NM	38586
890-3361-4	C-142 3.5'	Total/NA	Solid	8015B NM	38586
890-3361-5	C-143 3.5'	Total/NA	Solid	8015B NM	38586
890-3361-6	C-144 3.5'	Total/NA	Solid	8015B NM	38586
MB 880-38586/1-A	Method Blank	Total/NA	Solid	8015B NM	38586
LCS 880-38586/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	38586
LCSD 880-38586/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	38586

Prep Batch: 38586

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-1	C-135 4.1'	Total/NA	Solid	8015NM Prep	
890-3361-2	C-140 4.1'	Total/NA	Solid	8015NM Prep	
890-3361-3	C-141 3.5'	Total/NA	Solid	8015NM Prep	
890-3361-4	C-142 3.5'	Total/NA	Solid	8015NM Prep	
890-3361-5	C-143 3.5'	Total/NA	Solid	8015NM Prep	
890-3361-6	C-144 3.5'	Total/NA	Solid	8015NM Prep	
MB 880-38586/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-38586/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-38586/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 38730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-1	C-135 4.1'	Total/NA	Solid	8015 NM	
890-3361-2	C-140 4.1'	Total/NA	Solid	8015 NM	
890-3361-3	C-141 3.5'	Total/NA	Solid	8015 NM	
890-3361-4	C-142 3.5'	Total/NA	Solid	8015 NM	
890-3361-5	C-143 3.5'	Total/NA	Solid	8015 NM	
890-3361-6	C-144 3.5'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 38610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-1	C-135 4.1'	Soluble	Solid	DI Leach	
890-3361-2	C-140 4.1'	Soluble	Solid	DI Leach	
890-3361-3	C-141 3.5'	Soluble	Solid	DI Leach	
890-3361-4	C-142 3.5'	Soluble	Solid	DI Leach	
890-3361-5	C-143 3.5'	Soluble	Solid	DI Leach	
890-3361-6	C-144 3.5'	Soluble	Solid	DI Leach	
MB 880-38610/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-38610/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-38610/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 38610 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-6 MS	C-144 3.5'	Soluble	Solid	DI Leach	
890-3361-6 MSD	C-144 3.5'	Soluble	Solid	DI Leach	

Analysis Batch: 38766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3361-1	C-135 4.1'	Soluble	Solid	300.0	38610
890-3361-2	C-140 4.1'	Soluble	Solid	300.0	38610
890-3361-3	C-141 3.5'	Soluble	Solid	300.0	38610
890-3361-4	C-142 3.5'	Soluble	Solid	300.0	38610
890-3361-5	C-143 3.5'	Soluble	Solid	300.0	38610
890-3361-6	C-144 3.5'	Soluble	Solid	300.0	38610
MB 880-38610/1-A	Method Blank	Soluble	Solid	300.0	38610
LCS 880-38610/2-A	Lab Control Sample	Soluble	Solid	300.0	38610
LCSD 880-38610/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	38610
890-3361-6 MS	C-144 3.5'	Soluble	Solid	300.0	38610
890-3361-6 MSD	C-144 3.5'	Soluble	Solid	300.0	38610

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Client Sample ID: C-135 4.1'
Date Collected: 11/01/22 13:38
Date Received: 11/01/22 16:01

Lab Sample ID: 890-3361-1
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	38647	11/03/22 14:12	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38705	11/04/22 21:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38899	11/07/22 15:29	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38730	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38586	11/03/22 08:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/04/22 05:57	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 21:56	CH	EET MID

Client Sample ID: C-140 4.1'
Date Collected: 11/01/22 13:40
Date Received: 11/01/22 16:01

Lab Sample ID: 890-3361-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38884	11/07/22 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38953	11/08/22 18:06	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38899	11/09/22 11:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38730	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	38586	11/03/22 08:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/04/22 06:18	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 22:01	CH	EET MID

Client Sample ID: C-141 3.5'
Date Collected: 11/01/22 13:42
Date Received: 11/01/22 16:01

Lab Sample ID: 890-3361-3
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			4.98 g	5 mL	38884	11/07/22 13:51	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38953	11/08/22 18:27	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38899	11/09/22 11:30	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38730	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	38586	11/03/22 08:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/04/22 06:40	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 22:06	CH	EET MID

Client Sample ID: C-142 3.5'
Date Collected: 11/01/22 13:44
Date Received: 11/01/22 16:01

Lab Sample ID: 890-3361-4
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			5.04 g	5 mL	38955	11/08/22 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38954	11/08/22 18:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38899	11/09/22 11:32	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Client Sample ID: C-142 3.5'
Date Collected: 11/01/22 13:44
Date Received: 11/01/22 16:01

Lab Sample ID: 890-3361-4
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			38730	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38586	11/03/22 08:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/04/22 07:02	SM	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 22:11	CH	EET MID

Client Sample ID: C-143 3.5'
Date Collected: 11/01/22 13:46
Date Received: 11/01/22 16:01

Lab Sample ID: 890-3361-5
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	38955	11/08/22 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38954	11/08/22 18:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38899	11/09/22 11:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38730	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38586	11/03/22 08:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/04/22 07:24	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 22:16	CH	EET MID

Client Sample ID: C-144 3.5'
Date Collected: 11/01/22 13:48
Date Received: 11/01/22 16:01

Lab Sample ID: 890-3361-6
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	38955	11/08/22 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38954	11/08/22 18:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			38899	11/09/22 11:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38730	11/04/22 11:08	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38586	11/03/22 08:35	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38574	11/04/22 07:45	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 22:21	CH	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 890-3361-1
Project/Site: Turkey Tract SDG: 22-0104-02

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: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3361-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3361-1	C-135 4.1'	Solid	11/01/22 13:38	11/01/22 16:01	4.1'
890-3361-2	C-140 4.1'	Solid	11/01/22 13:40	11/01/22 16:01	4.1'
890-3361-3	C-141 3.5'	Solid	11/01/22 13:42	11/01/22 16:01	3.5'
890-3361-4	C-142 3.5'	Solid	11/01/22 13:44	11/01/22 16:01	3.5'
890-3361-5	C-143 3.5'	Solid	11/01/22 13:46	11/01/22 16:01	3.5'
890-3361-6	C-144 3.5'	Solid	11/01/22 13:48	11/01/22 16:01	3.5'

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No. 2778

CHAIN-OF-CUSTODY

11/9/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE: 11/1/2022 PAGE 1 OF 1

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: TURKEY TRACT

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

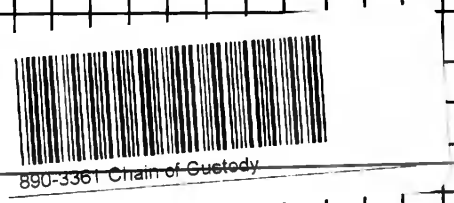
Data Reported to:

TRRP report? ☐ Yes ☑ No

TIME ZONE: Time zone/State: NM / MNT

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 ☐	TDS ☐	TSS ☐	FLASHPOINT ☐	pH ☐	% MOISTURE ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE ☑	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
C-135 4.1'		11/1/22	1338	S	1				X		X		X		X	X	X																								X				
C-140 4.1'		"	1340	"	"				"		"		"		"	"	"																								"				
C-141 3.5		"	1342	"	"				"		"		"		"	"	"																								"				
C-142 3.5'		"	1344	"	"				"		"		"		"	"	"																								"				
C-143 3.5'		"	1346	"	"				"		"		"		"	"	"																								"				
C-144 3.5'		"	1348	"	"				"		"		"		"	"	"																								"				



TOTAL 6

RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
Daniel St. Germain	11/1/22	
Amanda Short	11/1/22 1601	

LABORATORY: XENCO

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.4/1.2 -0.2 THERM#: IR-007
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3361-1
SDG Number: 22-0104-02

Login Number: 3361
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3361-1
SDG Number: 22-0104-02

Login Number: 3361
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 11/03/22 10:17 AM

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



ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3374-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Track

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
11/10/2022 5:28:55 PM

Holly Taylor, Project Manager
(806)794-1296
Holly.Taylor@et.eurofinsus.com

LINKS
Review your project results through my EOL
Have a Question? Ask The Expert
Visit us at: www.eurofinsus.com/Env

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Laboratory Job ID: 890-3374-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3374-1
Project/Site: Turkey Track SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD 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
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: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Job ID: 890-3374-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3374-1

Receipt
The samples were received on 11/3/2022 3:41 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.0º C.

Receipt Exceptions
The following samples were received and analyzed from a bulk soil jar: C-246 3.5 (890-3374-1), C-247 3.5 (890-3374-2), C-248 4.1 (890-3374-3), C-249 4.1 (890-3374-4), C-250 4.1 (890-3374-5), C-251 4.1 (890-3374-6), C-252 3.5 (890-3374-7) and C-254 4.1 (890-3374-8).

GC VOA
Method 8021B: The continuing calibration verification (CCV) associated with batch 880-39086 recovered above the upper control limit for Toluene and Ethylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: C-251 4.1 (890-3374-6). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 880-38872 and analytical batch 880-38801 recovered outside control limits for the following analytes: Gasoline Range Organics (GRO)-C6-C10.

Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-38872 and analytical batch 880-38801 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.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Client Sample ID: C-246 3.5

Date Collected: 11/03/22 12:40
Date Received: 11/03/22 15:41
Sample Depth: 3.5

Lab Sample ID: 890-3374-1
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 04:10	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 04:10	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 04:10	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		11/08/22 13:56	11/10/22 04:10	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 04:10	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/08/22 13:56	11/10/22 04:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/08/22 13:56*	*11/10/22 04:10*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/08/22 13:56*	*11/10/22 04:10*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/10/22 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/08/22 12:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		11/07/22 11:51	11/08/22 01:50	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/07/22 11:51	11/08/22 01:50	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/07/22 11:51	11/08/22 01:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*114*		*70 - 130*	*11/07/22 11:51*	*11/08/22 01:50*	*1*
o-Terphenyl (Surr)	*120*		*70 - 130*	*11/07/22 11:51*	*11/08/22 01:50*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**14.1**		4.95		mg/Kg			11/07/22 16:11	1

Client Sample ID: C-247 3.5

Date Collected: 11/03/22 12:42
Date Received: 11/03/22 15:41
Sample Depth: 3.5

Lab Sample ID: 890-3374-2
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/08/22 13:56	11/10/22 10:37	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/08/22 13:56	11/10/22 10:37	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/08/22 13:56	11/10/22 10:37	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/08/22 13:56	11/10/22 10:37	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/08/22 13:56	11/10/22 10:37	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/08/22 13:56	11/10/22 10:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*11/08/22 13:56*	*11/10/22 10:37*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Client Sample ID: C-247 3.5

Date Collected: 11/03/22 12:42
Date Received: 11/03/22 15:41
Sample Depth: 3.5

Lab Sample ID: 890-3374-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/08/22 13:56*	*11/10/22 10:37*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			11/10/22 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			11/08/22 12:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0	mg/Kg		11/07/22 11:51	11/08/22 02:11	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/07/22 11:51	11/08/22 02:11	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/07/22 11:51	11/08/22 02:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*11/07/22 11:51*	*11/08/22 02:11*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*11/07/22 11:51*	*11/08/22 02:11*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**23.9**		4.97	mg/Kg			11/07/22 16:16	1

Client Sample ID: C-248 4.1

Date Collected: 11/03/22 12:44
Date Received: 11/03/22 15:41
Sample Depth: 4.1

Lab Sample ID: 890-3374-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00202	U	0.00202	mg/Kg		11/08/22 13:56	11/10/22 10:58	1
Toluene	<0.00202	U	0.00202	mg/Kg		11/08/22 13:56	11/10/22 10:58	1
Ethylbenzene	<0.00202	U	0.00202	mg/Kg		11/08/22 13:56	11/10/22 10:58	1
m,p-Xylenes	<0.00404	U	0.00404	mg/Kg		11/08/22 13:56	11/10/22 10:58	1
o-Xylene	<0.00202	U	0.00202	mg/Kg		11/08/22 13:56	11/10/22 10:58	1
Xylenes, Total	<0.00404	U	0.00404	mg/Kg		11/08/22 13:56	11/10/22 10:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*11/08/22 13:56*	*11/10/22 10:58*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/08/22 13:56*	*11/10/22 10:58*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00404	U	0.00404	mg/Kg			11/10/22 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			11/08/22 12:16	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Client Sample ID: C-248 4.1

Date Collected: 11/03/22 12:44
Date Received: 11/03/22 15:41
Sample Depth: 4.1

Lab Sample ID: 890-3374-3

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		11/07/22 11:51	11/08/22 02:33	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/07/22 11:51	11/08/22 02:33	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/07/22 11:51	11/08/22 02:33	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*11/07/22 11:51*	*11/08/22 02:33*	*1*
o-Terphenyl (Surr)	*101*		*70 - 130*	*11/07/22 11:51*	*11/08/22 02:33*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**25.8**		5.00		mg/Kg			11/09/22 11:48	1

Client Sample ID: C-249 4.1

Date Collected: 11/03/22 12:46
Date Received: 11/03/22 15:41
Sample Depth: 4.1

Lab Sample ID: 890-3374-4

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 11:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 11:18	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 11:18	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/08/22 13:56	11/10/22 11:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 11:18	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/08/22 13:56	11/10/22 11:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*	*11/08/22 13:56*	*11/10/22 11:18*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/08/22 13:56*	*11/10/22 11:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/10/22 11:39	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/08/22 12:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		11/07/22 11:51	11/08/22 02:54	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/07/22 11:51	11/08/22 02:54	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/07/22 11:51	11/08/22 02:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*11/07/22 11:51*	*11/08/22 02:54*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*11/07/22 11:51*	*11/08/22 02:54*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Client Sample ID: C-249 4.1

Date Collected: 11/03/22 12:46
Date Received: 11/03/22 15:41
Sample Depth: 4.1

Lab Sample ID: 890-3374-4
Matrix: Solid

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**62.9**		4.95		mg/Kg			11/09/22 12:09	1

Client Sample ID: C-250 4.1

Date Collected: 11/03/22 12:48
Date Received: 11/03/22 15:41
Sample Depth: 4.1

Lab Sample ID: 890-3374-5
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/08/22 13:56	11/10/22 11:39	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/08/22 13:56	11/10/22 11:39	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/08/22 13:56	11/10/22 11:39	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/08/22 13:56	11/10/22 11:39	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/08/22 13:56	11/10/22 11:39	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/08/22 13:56	11/10/22 11:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*11/08/22 13:56*	*11/10/22 11:39*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/08/22 13:56*	*11/10/22 11:39*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/10/22 12:00	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/08/22 12:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		11/07/22 11:51	11/08/22 03:15	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/07/22 11:51	11/08/22 03:15	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/07/22 11:51	11/08/22 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*11/07/22 11:51*	*11/08/22 03:15*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*11/07/22 11:51*	*11/08/22 03:15*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**86.8**		4.99		mg/Kg			11/09/22 12:16	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Client Sample ID: C-251 4.1

Date Collected: 11/03/22 12:50
Date Received: 11/03/22 15:41
Sample Depth: 4.1

Lab Sample ID: 890-3374-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/08/22 13:56	11/10/22 11:59	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/08/22 13:56	11/10/22 11:59	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/08/22 13:56	11/10/22 11:59	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/08/22 13:56	11/10/22 11:59	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/08/22 13:56	11/10/22 11:59	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/08/22 13:56	11/10/22 11:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*	*11/08/22 13:56*	*11/10/22 11:59*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/08/22 13:56*	*11/10/22 11:59*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/10/22 13:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/08/22 12:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U *1	50.0		mg/Kg		11/07/22 11:51	11/08/22 03:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/07/22 11:51	11/08/22 03:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/07/22 11:51	11/08/22 03:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*125*		*70 - 130*	*11/07/22 11:51*	*11/08/22 03:37*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*11/07/22 11:51*	*11/08/22 03:37*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**69.8**		4.97		mg/Kg			11/09/22 12:24	1

Client Sample ID: C-252 3.5

Date Collected: 11/03/22 12:52
Date Received: 11/03/22 15:41
Sample Depth: 3.5

Lab Sample ID: 890-3374-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 12:20	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 12:20	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 12:20	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/08/22 13:56	11/10/22 12:20	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 12:20	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/08/22 13:56	11/10/22 12:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*11/08/22 13:56*	*11/10/22 12:20*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Client Sample ID: C-252 3.5

Date Collected: 11/03/22 12:52
Date Received: 11/03/22 15:41
Sample Depth: 3.5

Lab Sample ID: 890-3374-7
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/08/22 13:56*	*11/10/22 12:20*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			11/10/22 13:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/08/22 12:16	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9	mg/Kg		11/07/22 11:51	11/08/22 03:58	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		11/07/22 11:51	11/08/22 03:58	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/07/22 11:51	11/08/22 03:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*11/07/22 11:51*	*11/08/22 03:58*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*11/07/22 11:51*	*11/08/22 03:58*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**153**		4.96	mg/Kg			11/09/22 12:31	1

Client Sample ID: C-254 4.1

Date Collected: 11/03/22 12:54
Date Received: 11/03/22 15:41
Sample Depth: 4.1

Lab Sample ID: 890-3374-8
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/08/22 13:56	11/10/22 12:40	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/08/22 13:56	11/10/22 12:40	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/08/22 13:56	11/10/22 12:40	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		11/08/22 13:56	11/10/22 12:40	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/08/22 13:56	11/10/22 12:40	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		11/08/22 13:56	11/10/22 12:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*125*		*70 - 130*	*11/08/22 13:56*	*11/10/22 12:40*	*1*
1,4-Difluorobenzene (Surr)	*103*		*70 - 130*	*11/08/22 13:56*	*11/10/22 12:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			11/10/22 13:49	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/08/22 12:16	1

Eurofins Carlsbad

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Client Sample ID: C-254 4.1

Date Collected: 11/03/22 12:54
Date Received: 11/03/22 15:41
Sample Depth: 4.1

Lab Sample ID: 890-3374-8

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U *1	49.9		mg/Kg		11/07/22 11:51	11/08/22 04:19	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/07/22 11:51	11/08/22 04:19	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/07/22 11:51	11/08/22 04:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*11/07/22 11:51*	*11/08/22 04:19*	*1*
o-Terphenyl (Surr)	*103*		*70 - 130*	*11/07/22 11:51*	*11/08/22 04:19*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**168**		5.00		mg/Kg			11/09/22 12:53	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-3374-1	C-246 3.5	114	100
890-3374-1 MS	C-246 3.5	117	94
890-3374-1 MSD	C-246 3.5	115	100
890-3374-2	C-247 3.5	102	96
890-3374-3	C-248 4.1	84	97
890-3374-4	C-249 4.1	110	101
890-3374-5	C-250 4.1	115	101
890-3374-6	C-251 4.1	112	104
890-3374-7	C-252 3.5	114	101
890-3374-8	C-254 4.1	125	103
LCS 880-39013/1-A	Lab Control Sample	119	99
LCSD 880-39013/2-A	Lab Control Sample Dup	112	96
MB 880-39013/5-A	Method Blank	87	96
MB 880-39079/5-A	Method Blank	83	100

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
890-3374-1	C-246 3.5	114	120
890-3374-2	C-247 3.5	98	102
890-3374-3	C-248 4.1	98	101
890-3374-4	C-249 4.1	111	118
890-3374-5	C-250 4.1	96	102
890-3374-6	C-251 4.1	125	132 S1+
890-3374-7	C-252 3.5	102	107
890-3374-8	C-254 4.1	98	103
LCS 880-38872/2-A	Lab Control Sample	91	95
LCSD 880-38872/3-A	Lab Control Sample Dup	104	111
MB 880-38872/1-A	Method Blank	102	110

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-39013/5-A
Matrix: Solid
Analysis Batch: 39086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39013

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 03:41	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 03:41	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 03:41	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/08/22 13:56	11/10/22 03:41	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/08/22 13:56	11/10/22 03:41	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/08/22 13:56	11/10/22 03:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*87*		*70 - 130*	*11/08/22 13:56*	*11/10/22 03:41*	*1*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*	*11/08/22 13:56*	*11/10/22 03:41*	*1*

Lab Sample ID: LCS 880-39013/1-A
Matrix: Solid
Analysis Batch: 39086

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39013

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09861		mg/Kg		99	70 - 130		
Toluene			0.100	0.1075		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1070		mg/Kg		107	70 - 130		
m,p-Xylenes			0.200	0.1883		mg/Kg		94	70 - 130		
o-Xylene			0.100	0.09621		mg/Kg		96	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-39013/2-A
Matrix: Solid
Analysis Batch: 39086

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39013

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09159		mg/Kg		92	70 - 130	7	35
Toluene			0.100	0.1006		mg/Kg		101	70 - 130	7	35
Ethylbenzene			0.100	0.09712		mg/Kg		97	70 - 130	10	35
m,p-Xylenes			0.200	0.1715		mg/Kg		86	70 - 130	9	35
o-Xylene			0.100	0.08615		mg/Kg		86	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Lab Sample ID: 890-3374-1 MS
Matrix: Solid
Analysis Batch: 39086

Client Sample ID: C-246 3.5
Prep Type: Total/NA
Prep Batch: 39013

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00200	U	0.0996	0.07004		mg/Kg		70	70 - 130		
Toluene	<0.00200	U	0.0996	0.08341		mg/Kg		84	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3374-1 MS
Matrix: Solid
Analysis Batch: 39086

Client Sample ID: C-246 3.5
Prep Type: Total/NA
Prep Batch: 39013

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00200	U	0.0996	0.08100		mg/Kg		81	70 - 130
m,p-Xylenes	<0.00401	U	0.199	0.1464		mg/Kg		73	70 - 130
o-Xylene	<0.00200	U	0.0996	0.07491		mg/Kg		75	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*

Lab Sample ID: 890-3374-1 MSD
Matrix: Solid
Analysis Batch: 39086

Client Sample ID: C-246 3.5
Prep Type: Total/NA
Prep Batch: 39013

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00200	U	0.0994	0.09453		mg/Kg		95	70 - 130	30	35
Toluene	<0.00200	U	0.0994	0.1030		mg/Kg		104	70 - 130	21	35
Ethylbenzene	<0.00200	U	0.0994	0.09726		mg/Kg		98	70 - 130	18	35
m,p-Xylenes	<0.00401	U	0.199	0.1707		mg/Kg		86	70 - 130	15	35
o-Xylene	<0.00200	U	0.0994	0.08657		mg/Kg		87	70 - 130	14	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: MB 880-39079/5-A
Matrix: Solid
Analysis Batch: 39086

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39079

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/09/22 09:54	11/09/22 15:45	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/09/22 09:54	11/09/22 15:45	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/09/22 09:54	11/09/22 15:45	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		11/09/22 09:54	11/09/22 15:45	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/09/22 09:54	11/09/22 15:45	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		11/09/22 09:54	11/09/22 15:45	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*83*		*70 - 130*	*11/09/22 09:54*	*11/09/22 15:45*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/09/22 09:54*	*11/09/22 15:45*	*1*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-38872/1-A
Matrix: Solid
Analysis Batch: 38801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38872

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		11/07/22 11:51	11/07/22 20:06	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-38872/1-A
Matrix: Solid
Analysis Batch: 38801

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38872

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/07/22 11:51	11/07/22 20:06	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/07/22 11:51	11/07/22 20:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*11/07/22 11:51*	*11/07/22 20:06*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*11/07/22 11:51*	*11/07/22 20:06*	*1*

Lab Sample ID: LCS 880-38872/2-A
Matrix: Solid
Analysis Batch: 38801

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38872

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	921.8		mg/Kg		92	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	898.3		mg/Kg		90	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*91*		*70 - 130*
o-Terphenyl (Surr)	*95*		*70 - 130*

Lab Sample ID: LCSD 880-38872/3-A
Matrix: Solid
Analysis Batch: 38801

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 38872

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1286	*1	mg/Kg		129	70 - 130	33	20
Diesel Range Organics (Over C10-C28)			1000	1033		mg/Kg		103	70 - 130	14	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*104*		*70 - 130*
o-Terphenyl (Surr)	*111*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-38812/1-A
Matrix: Solid
Analysis Batch: 38881

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			11/07/22 13:33	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-38812/2-A
Matrix: Solid
Analysis Batch: 38881

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	258.2		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-38812/3-A
Matrix: Solid
Analysis Batch: 38881

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	252.8		mg/Kg		101	90 - 110	2	20

Lab Sample ID: MB 880-38832/1-A
Matrix: Solid
Analysis Batch: 39039

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			11/09/22 11:26	1

Lab Sample ID: LCS 880-38832/2-A
Matrix: Solid
Analysis Batch: 39039

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	261.3		mg/Kg		105	90 - 110		

Lab Sample ID: LCSD 880-38832/3-A
Matrix: Solid
Analysis Batch: 39039

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	262.2		mg/Kg		105	90 - 110	0	20

Lab Sample ID: 890-3374-3 MS
Matrix: Solid
Analysis Batch: 39039

Client Sample ID: C-248 4.1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	25.8		250	281.8		mg/Kg		102	90 - 110		

Lab Sample ID: 890-3374-3 MSD
Matrix: Solid
Analysis Batch: 39039

Client Sample ID: C-248 4.1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	25.8		250	286.1		mg/Kg		104	90 - 110	1	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

GC VOA

Prep Batch: 39013

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-1	C-246 3.5	Total/NA	Solid	5035	
890-3374-2	C-247 3.5	Total/NA	Solid	5035	
890-3374-3	C-248 4.1	Total/NA	Solid	5035	
890-3374-4	C-249 4.1	Total/NA	Solid	5035	
890-3374-5	C-250 4.1	Total/NA	Solid	5035	
890-3374-6	C-251 4.1	Total/NA	Solid	5035	
890-3374-7	C-252 3.5	Total/NA	Solid	5035	
890-3374-8	C-254 4.1	Total/NA	Solid	5035	
MB 880-39013/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-39013/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-39013/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3374-1 MS	C-246 3.5	Total/NA	Solid	5035	
890-3374-1 MSD	C-246 3.5	Total/NA	Solid	5035	

Prep Batch: 39079

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-39079/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 39086

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-1	C-246 3.5	Total/NA	Solid	8021B	39013
890-3374-2	C-247 3.5	Total/NA	Solid	8021B	39013
890-3374-3	C-248 4.1	Total/NA	Solid	8021B	39013
890-3374-4	C-249 4.1	Total/NA	Solid	8021B	39013
890-3374-5	C-250 4.1	Total/NA	Solid	8021B	39013
890-3374-6	C-251 4.1	Total/NA	Solid	8021B	39013
890-3374-7	C-252 3.5	Total/NA	Solid	8021B	39013
890-3374-8	C-254 4.1	Total/NA	Solid	8021B	39013
MB 880-39013/5-A	Method Blank	Total/NA	Solid	8021B	39013
MB 880-39079/5-A	Method Blank	Total/NA	Solid	8021B	39079
LCS 880-39013/1-A	Lab Control Sample	Total/NA	Solid	8021B	39013
LCSD 880-39013/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	39013
890-3374-1 MS	C-246 3.5	Total/NA	Solid	8021B	39013
890-3374-1 MSD	C-246 3.5	Total/NA	Solid	8021B	39013

Analysis Batch: 39221

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-1	C-246 3.5	Total/NA	Solid	Total BTEX	
890-3374-2	C-247 3.5	Total/NA	Solid	Total BTEX	
890-3374-3	C-248 4.1	Total/NA	Solid	Total BTEX	
890-3374-4	C-249 4.1	Total/NA	Solid	Total BTEX	
890-3374-5	C-250 4.1	Total/NA	Solid	Total BTEX	
890-3374-6	C-251 4.1	Total/NA	Solid	Total BTEX	
890-3374-7	C-252 3.5	Total/NA	Solid	Total BTEX	
890-3374-8	C-254 4.1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Analysis Batch: 38801

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-1	C-246 3.5	Total/NA	Solid	8015B NM	38872

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 38801 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-2	C-247 3.5	Total/NA	Solid	8015B NM	38872
890-3374-3	C-248 4.1	Total/NA	Solid	8015B NM	38872
890-3374-4	C-249 4.1	Total/NA	Solid	8015B NM	38872
890-3374-5	C-250 4.1	Total/NA	Solid	8015B NM	38872
890-3374-6	C-251 4.1	Total/NA	Solid	8015B NM	38872
890-3374-7	C-252 3.5	Total/NA	Solid	8015B NM	38872
890-3374-8	C-254 4.1	Total/NA	Solid	8015B NM	38872
MB 880-38872/1-A	Method Blank	Total/NA	Solid	8015B NM	38872
LCS 880-38872/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	38872
LCSD 880-38872/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	38872

Prep Batch: 38872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-1	C-246 3.5	Total/NA	Solid	8015NM Prep	
890-3374-2	C-247 3.5	Total/NA	Solid	8015NM Prep	
890-3374-3	C-248 4.1	Total/NA	Solid	8015NM Prep	
890-3374-4	C-249 4.1	Total/NA	Solid	8015NM Prep	
890-3374-5	C-250 4.1	Total/NA	Solid	8015NM Prep	
890-3374-6	C-251 4.1	Total/NA	Solid	8015NM Prep	
890-3374-7	C-252 3.5	Total/NA	Solid	8015NM Prep	
890-3374-8	C-254 4.1	Total/NA	Solid	8015NM Prep	
MB 880-38872/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-38872/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-38872/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 38996

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-1	C-246 3.5	Total/NA	Solid	8015 NM	
890-3374-2	C-247 3.5	Total/NA	Solid	8015 NM	
890-3374-3	C-248 4.1	Total/NA	Solid	8015 NM	
890-3374-4	C-249 4.1	Total/NA	Solid	8015 NM	
890-3374-5	C-250 4.1	Total/NA	Solid	8015 NM	
890-3374-6	C-251 4.1	Total/NA	Solid	8015 NM	
890-3374-7	C-252 3.5	Total/NA	Solid	8015 NM	
890-3374-8	C-254 4.1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 38812

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-1	C-246 3.5	Soluble	Solid	DI Leach	
890-3374-2	C-247 3.5	Soluble	Solid	DI Leach	
MB 880-38812/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-38812/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-38812/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Leach Batch: 38832

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-3	C-248 4.1	Soluble	Solid	DI Leach	
890-3374-4	C-249 4.1	Soluble	Solid	DI Leach	
890-3374-5	C-250 4.1	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 38832 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-6	C-251 4.1	Soluble	Solid	DI Leach	
890-3374-7	C-252 3.5	Soluble	Solid	DI Leach	
890-3374-8	C-254 4.1	Soluble	Solid	DI Leach	
MB 880-38832/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-38832/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-38832/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3374-3 MS	C-248 4.1	Soluble	Solid	DI Leach	
890-3374-3 MSD	C-248 4.1	Soluble	Solid	DI Leach	

Analysis Batch: 38881

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-1	C-246 3.5	Soluble	Solid	300.0	38812
890-3374-2	C-247 3.5	Soluble	Solid	300.0	38812
MB 880-38812/1-A	Method Blank	Soluble	Solid	300.0	38812
LCS 880-38812/2-A	Lab Control Sample	Soluble	Solid	300.0	38812
LCSD 880-38812/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	38812

Analysis Batch: 39039

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3374-3	C-248 4.1	Soluble	Solid	300.0	38832
890-3374-4	C-249 4.1	Soluble	Solid	300.0	38832
890-3374-5	C-250 4.1	Soluble	Solid	300.0	38832
890-3374-6	C-251 4.1	Soluble	Solid	300.0	38832
890-3374-7	C-252 3.5	Soluble	Solid	300.0	38832
890-3374-8	C-254 4.1	Soluble	Solid	300.0	38832
MB 880-38832/1-A	Method Blank	Soluble	Solid	300.0	38832
LCS 880-38832/2-A	Lab Control Sample	Soluble	Solid	300.0	38832
LCSD 880-38832/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	38832
890-3374-3 MS	C-248 4.1	Soluble	Solid	300.0	38832
890-3374-3 MSD	C-248 4.1	Soluble	Solid	300.0	38832

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Client Sample ID: C-246 3.5
Date Collected: 11/03/22 12:40
Date Received: 11/03/22 15:41

Lab Sample ID: 890-3374-1
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			4.99 g	5 mL	39013	11/08/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39086	11/10/22 04:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39221	11/10/22 11:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			38996	11/08/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38872	11/07/22 11:51	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38801	11/08/22 01:50	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	38812	11/07/22 08:15	CH	EET MID
Soluble	Analysis	300.0		1			38881	11/07/22 16:11	CH	EET MID

Client Sample ID: C-247 3.5
Date Collected: 11/03/22 12:42
Date Received: 11/03/22 15:41

Lab Sample ID: 890-3374-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	39013	11/08/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39086	11/10/22 10:37	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39221	11/10/22 11:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			38996	11/08/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38872	11/07/22 11:51	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38801	11/08/22 02:11	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	38812	11/07/22 08:15	CH	EET MID
Soluble	Analysis	300.0		1			38881	11/07/22 16:16	CH	EET MID

Client Sample ID: C-248 4.1
Date Collected: 11/03/22 12:44
Date Received: 11/03/22 15:41

Lab Sample ID: 890-3374-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5 mL	39013	11/08/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39086	11/10/22 10:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39221	11/10/22 11:39	SM	EET MID
Total/NA	Analysis	8015 NM		1			38996	11/08/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38872	11/07/22 11:51	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38801	11/08/22 02:33	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38832	11/07/22 10:13	KS	EET MID
Soluble	Analysis	300.0		1			39039	11/09/22 11:48	CH	EET MID

Client Sample ID: C-249 4.1
Date Collected: 11/03/22 12:46
Date Received: 11/03/22 15:41

Lab Sample ID: 890-3374-4
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			5.01 g	5 mL	39013	11/08/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39086	11/10/22 11:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39221	11/10/22 11:39	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Client Sample ID: C-249 4.1
Date Collected: 11/03/22 12:46
Date Received: 11/03/22 15:41

Lab Sample ID: 890-3374-4
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			38996	11/08/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38872	11/07/22 11:51	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38801	11/08/22 02:54	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	38832	11/07/22 10:13	KS	EET MID
Soluble	Analysis	300.0		1			39039	11/09/22 12:09	CH	EET MID

Client Sample ID: C-250 4.1
Date Collected: 11/03/22 12:48
Date Received: 11/03/22 15:41

Lab Sample ID: 890-3374-5
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			5.02 g	5 mL	39013	11/08/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39086	11/10/22 11:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39221	11/10/22 12:00	SM	EET MID
Total/NA	Analysis	8015 NM		1			38996	11/08/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38872	11/07/22 11:51	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38801	11/08/22 03:15	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	38832	11/07/22 10:13	KS	EET MID
Soluble	Analysis	300.0		1			39039	11/09/22 12:16	CH	EET MID

Client Sample ID: C-251 4.1
Date Collected: 11/03/22 12:50
Date Received: 11/03/22 15:41

Lab Sample ID: 890-3374-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	39013	11/08/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39086	11/10/22 11:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39221	11/10/22 13:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			38996	11/08/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38872	11/07/22 11:51	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38801	11/08/22 03:37	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	38832	11/07/22 10:13	KS	EET MID
Soluble	Analysis	300.0		1			39039	11/09/22 12:24	CH	EET MID

Client Sample ID: C-252 3.5
Date Collected: 11/03/22 12:52
Date Received: 11/03/22 15:41

Lab Sample ID: 890-3374-7
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			5.01 g	5 mL	39013	11/08/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39086	11/10/22 12:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39221	11/10/22 13:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			38996	11/08/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38872	11/07/22 11:51	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38801	11/08/22 03:58	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Client Sample ID: C-252 3.5

Date Collected: 11/03/22 12:52
Date Received: 11/03/22 15:41

Lab Sample ID: 890-3374-7
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			5.04 g	50 mL	38832	11/07/22 10:13	KS	EET MID
Soluble	Analysis	300.0		1			39039	11/09/22 12:31	CH	EET MID

Client Sample ID: C-254 4.1

Date Collected: 11/03/22 12:54
Date Received: 11/03/22 15:41

Lab Sample ID: 890-3374-8
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			4.99 g	5 mL	39013	11/08/22 13:56	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39086	11/10/22 12:40	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39221	11/10/22 13:49	SM	EET MID
Total/NA	Analysis	8015 NM		1			38996	11/08/22 12:16	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	38872	11/07/22 11:51	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38801	11/08/22 04:19	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38832	11/07/22 10:13	KS	EET MID
Soluble	Analysis	300.0		1			39039	11/09/22 12:53	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 890-3374-1
Project/Site: Turkey Track SDG: 22-0104-02

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: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Track

Job ID: 890-3374-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3374-1	C-246 3.5	Solid	11/03/22 12:40	11/03/22 15:41	3.5
890-3374-2	C-247 3.5	Solid	11/03/22 12:42	11/03/22 15:41	3.5
890-3374-3	C-248 4.1	Solid	11/03/22 12:44	11/03/22 15:41	4.1
890-3374-4	C-249 4.1	Solid	11/03/22 12:46	11/03/22 15:41	4.1
890-3374-5	C-250 4.1	Solid	11/03/22 12:48	11/03/22 15:41	4.1
890-3374-6	C-251 4.1	Solid	11/03/22 12:50	11/03/22 15:41	4.1
890-3374-7	C-252 3.5	Solid	11/03/22 12:52	11/03/22 15:41	3.5
890-3374-8	C-254 4.1	Solid	11/03/22 12:54	11/03/22 15:41	4.1

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No. 2781

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 11/3/2022 PAGE 1 OF 1

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: TURKEY TRACT

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MNT/NM

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

PRESERVATION: HCl, HNO_3, H_2SO_4, ☐ NaOH, ICE, UNPRESERVED

ANALYSES: BTEX ☑ MTBE ☐ | TRPH 418.1 ☐ | TPH 1005 ☐ | TPH 1006 ☐ | GASOLINE MOD 8015 ☑ | DIESEL - MOD 8015 ☑ | OIL - MOD 8015 ☑ | VOC 8260 ☐ | SVOC 8270 ☐ | PAH 8270 ☐ | HOLDPAH ☐ | 8081 PESTICIDES ☐ | 8151 HERBICIDES ☐ | 8082 PCBS ☐ | TCLP - METALS (RCRA) ☐ | TCLP VOC ☐ | TCLP - PEST ☐ | HERB ☐ | Semi-VOC ☐ | TOTAL METALS (RCRA) ☐ | OTHER LIST ☐ | LEAD - TOTAL ☐ | D.W. 200.8 ☐ | TCLP ☐ | RCI ☐ | TOX ☐ | FLASHPOINT ☐ | TDS ☐ | TSS ☐ | % MOISTURE ☐ | pH ☐ | CYANIDE ☐ | 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	UNPRESERVED	ANALYSES	FIELD NOTES
C-246 3.5		11/3/22	1240	S	1					X		BTEX, TRPH 418.1, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, Semi-VOC, Chloride	
C-247 3.5		11/3/22	1242	S	1					X		BTEX, TRPH 418.1, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, Semi-VOC, Chloride	
C-248 4.1		11/3/22	1244	S	1					X		BTEX, TRPH 418.1, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, Semi-VOC, Chloride	
C-249 4.1		11/3/22	1246	S	1					X		BTEX, TRPH 418.1, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, Semi-VOC, Chloride	
C-250 4.1		11/3/22	1248	S	1					X		BTEX, TRPH 418.1, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, Semi-VOC, Chloride	
C-251 4.1		11/3/22	1250	S	1					X		BTEX, TRPH 418.1, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, Semi-VOC, Chloride	
C-252 3.5		11/3/22	1252	S	1					X		BTEX, TRPH 418.1, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, Semi-VOC, Chloride	
C-254 4.1		11/3/22	1254	S	1					X		BTEX, TRPH 418.1, GASOLINE MOD 8015, DIESEL - MOD 8015, OIL - MOD 8015, Semi-VOC, Chloride	

TOTAL 8

890-3374 Chain of Custody

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)
11/3/22

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)
11.3.22 1541

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP: 1.2 1.0 -0.2 THERM#: T-NM007
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL #
☐ HAND DELIVERED

Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

11/10/2022

Eurofins Carlsbad
1089 N Canal St
Carlsbad NM 88220
Phone 575-988-3199 Fax 575-988-3199

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler	Lab PM: Taylor Holly	Carrier Tracking No(s)	COC No: 890-1010 1
Client Contact: Shipping/Receiving	Phone	E-Mail: Holly Taylor@et.eurofinsus com	State of Origin: New Mexico	Page: Page 1 of 1
Company: Eurofins Environment Testing South Centr		Accreditations Required (See note): NELAP - Louisiana NELAP - Texas		Job #: 890-3374-1
Address: 1211 W Florida Ave	Due Date Requested: 11/9/2022			
City: Midland	TAT Requested (days):			
State Zip: TX 79701				
Phone: 432-704-5440(Tel)	PO #:			
Email	WO #:			
Project Name: Turkey Track	Project #: 89000025			
Site	SSOW#:			

Analysis Requested

Preservation Codes

A HCL, B NaOH, C Zn Acetate, D Nitric Acid, E NaHSO4, F MeOH, G Amchlor, H Ascorbic Acid, I Ice, J DI Water, K EDTA, L EDA, M Hexane, N None, O AsNaO2, P Na2O4S, Q Na2SO3, R Na2S2O3, S H2SO4, T TSP Dodecahydrate, U Acetone, V MCAA, W pH 4-5, Y Trizma, Z other (specify)

Other:

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8015MOD_NM/8015NM_S_Prep (MOD) Full TPH	8015MOD_Calc	300_ORGFM_28D/DI_LEACH Chloride	8021B/5035FP_Calc (MOD) BTEX - LL	Total_BTEX_GCV	Total Number of containers	Special Instructions/Note
			Preservation Code:										
C-246 3 5 (890-3374-1)	11/3/22	12 40 Mountain		Solid			X	X	X	X	X	1	
C-247 3 5 (890-3374-2)	11/3/22	12 42 Mountain		Solid			X	X	X	X	X	1	
C-248 4 1 (890-3374-3)	11/3/22	12 44 Mountain		Solid			X	X	X	X	X	1	
C-249 4 1 (890-3374-4)	11/3/22	12 46 Mountain		Solid			X	X	X	X	X	1	
C-250 4 1 (890-3374-5)	11/3/22	12 48 Mountain		Solid			X	X	X	X	X	1	
C-251 4 1 (890-3374-6)	11/3/22	12 50 Mountain		Solid			X	X	X	X	X	1	
C-252 3 5 (890-3374-7)	11/3/22	12 52 Mountain		Solid			X	X	X	X	X	1	
C-254 4 1 (890-3374-8)	11/3/22	12 54 Mountain		Solid			X	X	X	X	X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing South Central LLC places the ownership of method analyte & accreditation compliance upon out subcontract laboratories This sample shipment is forwarded under chain-of-custody If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed the samples must be shipped back to the Eurofins Environment Testing South Central LLC laboratory or other instructions will be provided Any changes to accreditation status should be brought to Eurofins Environment Testing South Central LLC attention immediately If all requested accreditations are current to date return the signed Chain of Custody attesting to said complicance to Eurofins Environment Testing South Central LLC.

Possible Hazard Identification	***Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)***
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested I II III IV Other (specify) Primary Deliverable Rank 2	Special Instructions/QC Requirements

Empty Kit Relinquished by	Date	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company
Relinquished by:	Date/Time	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time	Company

Custody Seals Intact. Δ Yes Δ No	Custody Seal No	Cooler Temperature(s) °C and Other Remarks.

Ver: 06/08/2021

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Received by OCD: 1/19/2023 8:31:56 AM
11/10/2022
Page 27 of 29
Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3374-1
SDG Number: 22-0104-02

Login Number: 3374
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3374-1
SDG Number: 22-0104-02

Login Number: 3374
List Number: 2
Creator: Teel, Brianna

List Source: Eurofins Midland
List Creation: 11/07/22 09:10 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland Texas 79701

Generated 11/17/2022 5:01:12 PM

JOB DESCRIPTION

Turkey Tract
SDG NUMBER 22-0104-02

JOB NUMBER

890-3431-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

Released to Imaging: 5/18/2023 2:46:41 PM

my EOL

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 890-3431-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3431-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Job ID: 890-3431-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3431-1

Receipt
The samples were received on 11/10/2022 4:06 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 3.2°C

Receipt Exceptions
The following samples were received and analyzed from a bulk soil jar: C-234 3.5' (890-3431-1), C-235 3.5' (890-3431-2), C-240 3.5' (890-3431-3), C-241 3.5' (890-3431-4), C-242 3.5' (890-3431-5), C-243 3.5' (890-3431-6), C-255 0-3.5' (890-3431-7), C-256 0-3.5' (890-3431-8), C-259 0-3.5' (890-3431-9) and C-260 0-3.5' (890-3431-10).

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-234 3.5'

Date Collected: 11/10/22 11:28
Date Received: 11/10/22 16:06
Sample Depth: 3.5'

Lab Sample ID: 890-3431-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/17/22 08:47	11/17/22 11:12	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/17/22 08:47	11/17/22 11:12	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/17/22 08:47	11/17/22 11:12	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/17/22 08:47	11/17/22 11:12	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/17/22 08:47	11/17/22 11:12	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/17/22 08:47	11/17/22 11:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*111*		*70 - 130*	*11/17/22 08:47*	*11/17/22 11:12*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/17/22 08:47*	*11/17/22 11:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/17/22 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/15/22 09:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/14/22 23:17	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/14/22 23:17	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/14/22 23:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*11/14/22 14:24*	*11/14/22 23:17*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*11/14/22 14:24*	*11/14/22 23:17*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**148**		5.01		mg/Kg			11/15/22 19:27	1

Client Sample ID: C-235 3.5'

Date Collected: 11/10/22 11:30
Date Received: 11/10/22 16:06
Sample Depth: 3.5'

Lab Sample ID: 890-3431-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 11:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 11:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 11:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 08:47	11/17/22 11:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 11:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 08:47	11/17/22 11:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/17/22 08:47*	*11/17/22 11:32*	*1*

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-235 3.5'

Date Collected: 11/10/22 11:30
Date Received: 11/10/22 16:06
Sample Depth: 3.5'

Lab Sample ID: 890-3431-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*11/17/22 08:47*	*11/17/22 11:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			11/17/22 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/15/22 09:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9	mg/Kg		11/14/22 14:24	11/14/22 23:38	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9	mg/Kg		11/14/22 14:24	11/14/22 23:38	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9	mg/Kg		11/14/22 14:24	11/14/22 23:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*11/14/22 14:24*	*11/14/22 23:38*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*11/14/22 14:24*	*11/14/22 23:38*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**73.1**		4.99	mg/Kg			11/15/22 19:48	1

Client Sample ID: C-240 3.5'

Date Collected: 11/10/22 11:34
Date Received: 11/10/22 16:06
Sample Depth: 3.5'

Lab Sample ID: 890-3431-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		11/17/22 08:47	11/17/22 11:53	1
Toluene	<0.00199	U	0.00199	mg/Kg		11/17/22 08:47	11/17/22 11:53	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		11/17/22 08:47	11/17/22 11:53	1
m,p-Xylenes	<0.00398	U	0.00398	mg/Kg		11/17/22 08:47	11/17/22 11:53	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		11/17/22 08:47	11/17/22 11:53	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		11/17/22 08:47	11/17/22 11:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*116*		*70 - 130*	*11/17/22 08:47*	*11/17/22 11:53*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*11/17/22 08:47*	*11/17/22 11:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			11/17/22 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			11/15/22 09:20	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-240 3.5'

Lab Sample ID: 890-3431-3
Matrix: Solid
Date Collected: 11/10/22 11:34
Date Received: 11/10/22 16:06
Sample Depth: 3.5'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/14/22 23:58	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/14/22 23:58	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/14/22 23:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*11/14/22 14:24*	*11/14/22 23:58*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*11/14/22 14:24*	*11/14/22 23:58*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**		4.95		mg/Kg			11/15/22 19:55	1

Client Sample ID: C-241 3.5'

Lab Sample ID: 890-3431-4
Matrix: Solid
Date Collected: 11/10/22 11:36
Date Received: 11/10/22 16:06
Sample Depth: 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 12:14	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 12:14	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 12:14	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/17/22 08:47	11/17/22 12:14	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 12:14	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/17/22 08:47	11/17/22 12:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/17/22 08:47*	*11/17/22 12:14*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*11/17/22 08:47*	*11/17/22 12:14*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/17/22 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/15/22 09:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 00:18	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 00:18	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 00:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*11/14/22 14:24*	*11/15/22 00:18*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*11/14/22 14:24*	*11/15/22 00:18*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-241 3.5'

Lab Sample ID: 890-3431-4
Matrix: Solid
Date Collected: 11/10/22 11:36
Date Received: 11/10/22 16:06
Sample Depth: 3.5'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	251		5.03		mg/Kg			11/15/22 20:16	1

Client Sample ID: C-242 3.5'

Lab Sample ID: 890-3431-5
Matrix: Solid
Date Collected: 11/10/22 11:38
Date Received: 11/10/22 16:06
Sample Depth: 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 12:34	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 12:34	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 12:34	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 08:47	11/17/22 12:34	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 12:34	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 08:47	11/17/22 12:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*	*11/17/22 08:47*	*11/17/22 12:34*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*11/17/22 08:47*	*11/17/22 12:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/17/22 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/15/22 09:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/15/22 00:37	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/15/22 00:37	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/15/22 00:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*103*		*70 - 130*	*11/14/22 14:24*	*11/15/22 00:37*	*1*
o-Terphenyl (Surr)	*111*		*70 - 130*	*11/14/22 14:24*	*11/15/22 00:37*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	299		5.02		mg/Kg			11/15/22 20:23	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-243 3.5'

Lab Sample ID: 890-3431-6
Matrix: Solid
Date Collected: 11/10/22 11:40
Date Received: 11/10/22 16:06
Sample Depth: 3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 12:55	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 12:55	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 12:55	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 08:47	11/17/22 12:55	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 12:55	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 08:47	11/17/22 12:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*120*		*70 - 130*	*11/17/22 08:47*	*11/17/22 12:55*	*1*
1,4-Difluorobenzene (Surr)	*110*		*70 - 130*	*11/17/22 08:47*	*11/17/22 12:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/17/22 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/15/22 09:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 00:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 00:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 00:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*11/14/22 14:24*	*11/15/22 00:57*	*1*
o-Terphenyl (Surr)	*115*		*70 - 130*	*11/14/22 14:24*	*11/15/22 00:57*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**119**		4.97		mg/Kg			11/15/22 20:31	1

Client Sample ID: C-255 0-3.5'

Lab Sample ID: 890-3431-7
Matrix: Solid
Date Collected: 11/10/22 11:42
Date Received: 11/10/22 16:06
Sample Depth: 0-3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 13:16	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 13:16	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 13:16	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/17/22 08:47	11/17/22 13:16	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 13:16	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/17/22 08:47	11/17/22 13:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*121*		*70 - 130*	*11/17/22 08:47*	*11/17/22 13:16*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-255 0-3.5'

Lab Sample ID: 890-3431-7
Matrix: Solid
Date Collected: 11/10/22 11:42
Date Received: 11/10/22 16:06
Sample Depth: 0-3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*11/17/22 08:47*	*11/17/22 13:16*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			11/17/22 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			11/15/22 09:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		11/14/22 14:24	11/15/22 01:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		11/14/22 14:24	11/15/22 01:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		11/14/22 14:24	11/15/22 01:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*11/14/22 14:24*	*11/15/22 01:17*	*1*
o-Terphenyl (Surr)	*118*		*70 - 130*	*11/14/22 14:24*	*11/15/22 01:17*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	233		4.96	mg/Kg			11/15/22 20:38	1

Client Sample ID: C-256 0-3.5'

Lab Sample ID: 890-3431-8
Matrix: Solid
Date Collected: 11/10/22 11:44
Date Received: 11/10/22 16:06
Sample Depth: 0-3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/17/22 08:47	11/17/22 13:36	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/17/22 08:47	11/17/22 13:36	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/17/22 08:47	11/17/22 13:36	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		11/17/22 08:47	11/17/22 13:36	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/17/22 08:47	11/17/22 13:36	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		11/17/22 08:47	11/17/22 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*11/17/22 08:47*	*11/17/22 13:36*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*11/17/22 08:47*	*11/17/22 13:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			11/17/22 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/15/22 09:20	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-256 0-3.5'

Lab Sample ID: 890-3431-8
Matrix: Solid
Date Collected: 11/10/22 11:44
Date Received: 11/10/22 16:06
Sample Depth: 0-3.5'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 01:57	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 01:57	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 01:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*11/14/22 14:24*	*11/15/22 01:57*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*11/14/22 14:24*	*11/15/22 01:57*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**278**		5.00		mg/Kg			11/15/22 20:45	1

Client Sample ID: C-259 0-3.5'

Lab Sample ID: 890-3431-9
Matrix: Solid
Date Collected: 11/10/22 11:46
Date Received: 11/10/22 16:06
Sample Depth: 0-3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/17/22 08:47	11/17/22 13:57	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/17/22 08:47	11/17/22 13:57	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/17/22 08:47	11/17/22 13:57	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/17/22 08:47	11/17/22 13:57	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/17/22 08:47	11/17/22 13:57	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/17/22 08:47	11/17/22 13:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*11/17/22 08:47*	*11/17/22 13:57*	*1*
1,4-Difluorobenzene (Surr)	*104*		*70 - 130*	*11/17/22 08:47*	*11/17/22 13:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/17/22 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8		mg/Kg			11/15/22 09:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/14/22 14:24	11/15/22 02:17	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8		mg/Kg		11/14/22 14:24	11/15/22 02:17	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8		mg/Kg		11/14/22 14:24	11/15/22 02:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*106*		*70 - 130*	*11/14/22 14:24*	*11/15/22 02:17*	*1*
o-Terphenyl (Surr)	*112*		*70 - 130*	*11/14/22 14:24*	*11/15/22 02:17*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-259 0-3.5'

Lab Sample ID: 890-3431-9
Matrix: Solid
Date Collected: 11/10/22 11:46
Date Received: 11/10/22 16:06
Sample Depth: 0-3.5'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	21.1		5.01		mg/Kg			11/15/22 20:52	1

Client Sample ID: C-260 0-3.5'

Lab Sample ID: 890-3431-10
Matrix: Solid
Date Collected: 11/10/22 11:48
Date Received: 11/10/22 16:06
Sample Depth: 0-3.5'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 14:18	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 14:18	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 14:18	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 08:47	11/17/22 14:18	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 08:47	11/17/22 14:18	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 08:47	11/17/22 14:18	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*115*		*70 - 130*	*11/17/22 08:47*	*11/17/22 14:18*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/17/22 08:47*	*11/17/22 14:18*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/17/22 15:05	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/15/22 09:20	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 02:37	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 02:37	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/14/22 14:24	11/15/22 02:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*11/14/22 14:24*	*11/15/22 02:37*	*1*
o-Terphenyl (Surr)	*117*		*70 - 130*	*11/14/22 14:24*	*11/15/22 02:37*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	327		4.99		mg/Kg			11/15/22 20:59	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

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)
890-3431-1	C-234 3.5'	111	97
890-3431-1 MS	C-234 3.5'	97	99
890-3431-1 MSD	C-234 3.5'	102	96
890-3431-2	C-235 3.5'	116	102
890-3431-3	C-240 3.5'	116	110
890-3431-4	C-241 3.5'	121	107
890-3431-5	C-242 3.5'	117	106
890-3431-6	C-243 3.5'	120	110
890-3431-7	C-255 0-3.5'	121	107
890-3431-8	C-256 0-3.5'	126	106
890-3431-9	C-259 0-3.5'	118	104
890-3431-10	C-260 0-3.5'	115	105
LCS 880-39775/1-A	Lab Control Sample	91	102
LCSD 880-39775/2-A	Lab Control Sample Dup	96	100
MB 880-39775/5-A	Method Blank	100	93

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
Lab Sample ID	Client Sample ID	1CO1 (70-130)	OTPH1 (70-130)
890-3431-1	C-234 3.5'	106	115
890-3431-2	C-235 3.5'	96	104
890-3431-3	C-240 3.5'	112	118
890-3431-4	C-241 3.5'	109	118
890-3431-5	C-242 3.5'	103	111
890-3431-6	C-243 3.5'	106	115
890-3431-7	C-255 0-3.5'	110	118
890-3431-8	C-256 0-3.5'	105	112
890-3431-9	C-259 0-3.5'	106	112
890-3431-10	C-260 0-3.5'	110	117
LCS 880-39514/2-A	Lab Control Sample	90	92
LCSD 880-39514/3-A	Lab Control Sample Dup	91	91
MB 880-39514/1-A	Method Blank	98	107

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-39775/5-A
Matrix: Solid
Analysis Batch: 39773

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39775

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 10:50	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 10:50	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 10:50	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/17/22 08:47	11/17/22 10:50	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 08:47	11/17/22 10:50	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/17/22 08:47	11/17/22 10:50	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*11/17/22 08:47*	*11/17/22 10:50*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/17/22 08:47*	*11/17/22 10:50*	*1*

Lab Sample ID: LCS 880-39775/1-A
Matrix: Solid
Analysis Batch: 39773

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39775

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1041		mg/Kg		104	70 - 130		
Toluene			0.100	0.1020		mg/Kg		102	70 - 130		
Ethylbenzene			0.100	0.1003		mg/Kg		100	70 - 130		
m,p-Xylenes			0.200	0.1916		mg/Kg		96	70 - 130		
o-Xylene			0.100	0.1072		mg/Kg		107	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*91*		*70 - 130*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*

Lab Sample ID: LCSD 880-39775/2-A
Matrix: Solid
Analysis Batch: 39773

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39775

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1051		mg/Kg		105	70 - 130	1	35
Toluene			0.100	0.1032		mg/Kg		103	70 - 130	1	35
Ethylbenzene			0.100	0.1047		mg/Kg		105	70 - 130	4	35
m,p-Xylenes			0.200	0.2055		mg/Kg		103	70 - 130	7	35
o-Xylene			0.100	0.1157		mg/Kg		116	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*

Lab Sample ID: 890-3431-1 MS
Matrix: Solid
Analysis Batch: 39773

Client Sample ID: C-234 3.5'
Prep Type: Total/NA
Prep Batch: 39775

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00201	U	0.0996	0.08545		mg/Kg		86	70 - 130		
Toluene	<0.00201	U	0.0996	0.08705		mg/Kg		87	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3431-1 MS
Matrix: Solid
Analysis Batch: 39773

Client Sample ID: C-234 3.5'
Prep Type: Total/NA
Prep Batch: 39775

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00201	U	0.0996	0.08283		mg/Kg		83	70 - 130
m,p-Xylenes	<0.00402	U	0.199	0.1669		mg/Kg		83	70 - 130
o-Xylene	<0.00201	U	0.0996	0.09401		mg/Kg		94	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: 890-3431-1 MSD
Matrix: Solid
Analysis Batch: 39773

Client Sample ID: C-234 3.5'
Prep Type: Total/NA
Prep Batch: 39775

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	0.08375		mg/Kg		84	70 - 130	2	35
Toluene	<0.00201	U	0.0994	0.08257		mg/Kg		83	70 - 130	5	35
Ethylbenzene	<0.00201	U	0.0994	0.07491		mg/Kg		75	70 - 130	10	35
m,p-Xylenes	<0.00402	U	0.199	0.1499		mg/Kg		75	70 - 130	11	35
o-Xylene	<0.00201	U	0.0994	0.08570		mg/Kg		86	70 - 130	9	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*
1,4-Difluorobenzene (Surr)	*96*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-39514/1-A
Matrix: Solid
Analysis Batch: 39389

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39514

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		11/14/22 14:24	11/14/22 20:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/14/22 20:26	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/14/22 14:24	11/14/22 20:26	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*11/14/22 14:24*	*11/14/22 20:26*	*1*
o-Terphenyl (Surr)	*107*		*70 - 130*	*11/14/22 14:24*	*11/14/22 20:26*	*1*

Lab Sample ID: LCS 880-39514/2-A
Matrix: Solid
Analysis Batch: 39389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39514

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	1060		mg/Kg		106	70 - 130
Diesel Range Organics (Over C10-C28)			1000	937.0		mg/Kg		94	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-39514/2-A
Matrix: Solid
Analysis Batch: 39389

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39514

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	90		70 - 130
o-Terphenyl (Surr)	92		70 - 130

Lab Sample ID: LCSD 880-39514/3-A
Matrix: Solid
Analysis Batch: 39389

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39514

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1076		mg/Kg		108	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	934.9		mg/Kg		93	70 - 130	0	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	91		70 - 130
o-Terphenyl (Surr)	91		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-39448/1-A
Matrix: Solid
Analysis Batch: 39641

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			11/15/22 17:25	1

Lab Sample ID: LCS 880-39448/2-A
Matrix: Solid
Analysis Batch: 39641

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	259.6		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-39448/3-A
Matrix: Solid
Analysis Batch: 39641

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	266.9		mg/Kg		107	90 - 110	3	20

Lab Sample ID: 890-3431-1 MS
Matrix: Solid
Analysis Batch: 39641

Client Sample ID: C-234 3.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	148		251	408.2		mg/Kg		104	90 - 110		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: 890-3431-1 MSD
Matrix: Solid
Analysis Batch: 39641

Client Sample ID: C-234 3.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	148		251	416.6		mg/Kg		107	90 - 110	2	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

GC VOA

Analysis Batch: 39773

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3431-1	C-234 3.5'	Total/NA	Solid	8021B	39775
890-3431-2	C-235 3.5'	Total/NA	Solid	8021B	39775
890-3431-3	C-240 3.5'	Total/NA	Solid	8021B	39775
890-3431-4	C-241 3.5'	Total/NA	Solid	8021B	39775
890-3431-5	C-242 3.5'	Total/NA	Solid	8021B	39775
890-3431-6	C-243 3.5'	Total/NA	Solid	8021B	39775
890-3431-7	C-255 0-3.5'	Total/NA	Solid	8021B	39775
890-3431-8	C-256 0-3.5'	Total/NA	Solid	8021B	39775
890-3431-9	C-259 0-3.5'	Total/NA	Solid	8021B	39775
890-3431-10	C-260 0-3.5'	Total/NA	Solid	8021B	39775
MB 880-39775/5-A	Method Blank	Total/NA	Solid	8021B	39775
LCS 880-39775/1-A	Lab Control Sample	Total/NA	Solid	8021B	39775
LCSD 880-39775/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	39775
890-3431-1 MS	C-234 3.5'	Total/NA	Solid	8021B	39775
890-3431-1 MSD	C-234 3.5'	Total/NA	Solid	8021B	39775

Prep Batch: 39775

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3431-1	C-234 3.5'	Total/NA	Solid	5035	
890-3431-2	C-235 3.5'	Total/NA	Solid	5035	
890-3431-3	C-240 3.5'	Total/NA	Solid	5035	
890-3431-4	C-241 3.5'	Total/NA	Solid	5035	
890-3431-5	C-242 3.5'	Total/NA	Solid	5035	
890-3431-6	C-243 3.5'	Total/NA	Solid	5035	
890-3431-7	C-255 0-3.5'	Total/NA	Solid	5035	
890-3431-8	C-256 0-3.5'	Total/NA	Solid	5035	
890-3431-9	C-259 0-3.5'	Total/NA	Solid	5035	
890-3431-10	C-260 0-3.5'	Total/NA	Solid	5035	
MB 880-39775/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-39775/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-39775/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3431-1 MS	C-234 3.5'	Total/NA	Solid	5035	
890-3431-1 MSD	C-234 3.5'	Total/NA	Solid	5035	

Analysis Batch: 39843

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3431-1	C-234 3.5'	Total/NA	Solid	Total BTEX	
890-3431-2	C-235 3.5'	Total/NA	Solid	Total BTEX	
890-3431-3	C-240 3.5'	Total/NA	Solid	Total BTEX	
890-3431-4	C-241 3.5'	Total/NA	Solid	Total BTEX	
890-3431-5	C-242 3.5'	Total/NA	Solid	Total BTEX	
890-3431-6	C-243 3.5'	Total/NA	Solid	Total BTEX	
890-3431-7	C-255 0-3.5'	Total/NA	Solid	Total BTEX	
890-3431-8	C-256 0-3.5'	Total/NA	Solid	Total BTEX	
890-3431-9	C-259 0-3.5'	Total/NA	Solid	Total BTEX	
890-3431-10	C-260 0-3.5'	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

GC Semi VOA

Analysis Batch: 39389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3431-1	C-234 3.5'	Total/NA	Solid	8015B NM	39514
890-3431-2	C-235 3.5'	Total/NA	Solid	8015B NM	39514
890-3431-3	C-240 3.5'	Total/NA	Solid	8015B NM	39514
890-3431-4	C-241 3.5'	Total/NA	Solid	8015B NM	39514
890-3431-5	C-242 3.5'	Total/NA	Solid	8015B NM	39514
890-3431-6	C-243 3.5'	Total/NA	Solid	8015B NM	39514
890-3431-7	C-255 0-3.5'	Total/NA	Solid	8015B NM	39514
890-3431-8	C-256 0-3.5'	Total/NA	Solid	8015B NM	39514
890-3431-9	C-259 0-3.5'	Total/NA	Solid	8015B NM	39514
890-3431-10	C-260 0-3.5'	Total/NA	Solid	8015B NM	39514
MB 880-39514/1-A	Method Blank	Total/NA	Solid	8015B NM	39514
LCS 880-39514/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	39514
LCSD 880-39514/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	39514

Prep Batch: 39514

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3431-1	C-234 3.5'	Total/NA	Solid	8015NM Prep	
890-3431-2	C-235 3.5'	Total/NA	Solid	8015NM Prep	
890-3431-3	C-240 3.5'	Total/NA	Solid	8015NM Prep	
890-3431-4	C-241 3.5'	Total/NA	Solid	8015NM Prep	
890-3431-5	C-242 3.5'	Total/NA	Solid	8015NM Prep	
890-3431-6	C-243 3.5'	Total/NA	Solid	8015NM Prep	
890-3431-7	C-255 0-3.5'	Total/NA	Solid	8015NM Prep	
890-3431-8	C-256 0-3.5'	Total/NA	Solid	8015NM Prep	
890-3431-9	C-259 0-3.5'	Total/NA	Solid	8015NM Prep	
890-3431-10	C-260 0-3.5'	Total/NA	Solid	8015NM Prep	
MB 880-39514/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-39514/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-39514/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 39579

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3431-1	C-234 3.5'	Total/NA	Solid	8015 NM	
890-3431-2	C-235 3.5'	Total/NA	Solid	8015 NM	
890-3431-3	C-240 3.5'	Total/NA	Solid	8015 NM	
890-3431-4	C-241 3.5'	Total/NA	Solid	8015 NM	
890-3431-5	C-242 3.5'	Total/NA	Solid	8015 NM	
890-3431-6	C-243 3.5'	Total/NA	Solid	8015 NM	
890-3431-7	C-255 0-3.5'	Total/NA	Solid	8015 NM	
890-3431-8	C-256 0-3.5'	Total/NA	Solid	8015 NM	
890-3431-9	C-259 0-3.5'	Total/NA	Solid	8015 NM	
890-3431-10	C-260 0-3.5'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 39448

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3431-1	C-234 3.5'	Soluble	Solid	DI Leach	
890-3431-2	C-235 3.5'	Soluble	Solid	DI Leach	
890-3431-3	C-240 3.5'	Soluble	Solid	DI Leach	
890-3431-4	C-241 3.5'	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 39448 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3431-5	C-242 3.5'	Soluble	Solid	DI Leach	
890-3431-6	C-243 3.5'	Soluble	Solid	DI Leach	
890-3431-7	C-255 0-3.5'	Soluble	Solid	DI Leach	
890-3431-8	C-256 0-3.5'	Soluble	Solid	DI Leach	
890-3431-9	C-259 0-3.5'	Soluble	Solid	DI Leach	
890-3431-10	C-260 0-3.5'	Soluble	Solid	DI Leach	
MB 880-39448/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-39448/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-39448/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3431-1 MS	C-234 3.5'	Soluble	Solid	DI Leach	
890-3431-1 MSD	C-234 3.5'	Soluble	Solid	DI Leach	

Analysis Batch: 39641

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3431-1	C-234 3.5'	Soluble	Solid	300.0	39448
890-3431-2	C-235 3.5'	Soluble	Solid	300.0	39448
890-3431-3	C-240 3.5'	Soluble	Solid	300.0	39448
890-3431-4	C-241 3.5'	Soluble	Solid	300.0	39448
890-3431-5	C-242 3.5'	Soluble	Solid	300.0	39448
890-3431-6	C-243 3.5'	Soluble	Solid	300.0	39448
890-3431-7	C-255 0-3.5'	Soluble	Solid	300.0	39448
890-3431-8	C-256 0-3.5'	Soluble	Solid	300.0	39448
890-3431-9	C-259 0-3.5'	Soluble	Solid	300.0	39448
890-3431-10	C-260 0-3.5'	Soluble	Solid	300.0	39448
MB 880-39448/1-A	Method Blank	Soluble	Solid	300.0	39448
LCS 880-39448/2-A	Lab Control Sample	Soluble	Solid	300.0	39448
LCSD 880-39448/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	39448
890-3431-1 MS	C-234 3.5'	Soluble	Solid	300.0	39448
890-3431-1 MSD	C-234 3.5'	Soluble	Solid	300.0	39448

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-234 3.5'
Date Collected: 11/10/22 11:28
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-1
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			4.97 g	5 mL	39775	11/17/22 08:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39773	11/17/22 11:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39843	11/17/22 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			39579	11/15/22 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	39514	11/14/22 14:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39389	11/14/22 23:17	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	39448	11/14/22 11:42	KS	EET MID
Soluble	Analysis	300.0		1			39641	11/15/22 19:27	CH	EET MID

Client Sample ID: C-235 3.5'
Date Collected: 11/10/22 11:30
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	39775	11/17/22 08:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39773	11/17/22 11:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39843	11/17/22 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			39579	11/15/22 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39514	11/14/22 14:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39389	11/14/22 23:38	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	39448	11/14/22 11:42	KS	EET MID
Soluble	Analysis	300.0		1			39641	11/15/22 19:48	CH	EET MID

Client Sample ID: C-240 3.5'
Date Collected: 11/10/22 11:34
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.02 g	5 mL	39775	11/17/22 08:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39773	11/17/22 11:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39843	11/17/22 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			39579	11/15/22 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39514	11/14/22 14:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39389	11/14/22 23:58	AJ	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	39448	11/14/22 11:42	KS	EET MID
Soluble	Analysis	300.0		1			39641	11/15/22 19:55	CH	EET MID

Client Sample ID: C-241 3.5'
Date Collected: 11/10/22 11:36
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-4
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			5.01 g	5 mL	39775	11/17/22 08:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39773	11/17/22 12:14	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39843	11/17/22 15:05	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-241 3.5'
Date Collected: 11/10/22 11:36
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-4
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			39579	11/15/22 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	39514	11/14/22 14:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39389	11/15/22 00:18	AJ	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	39448	11/14/22 11:42	KS	EET MID
Soluble	Analysis	300.0		1			39641	11/15/22 20:16	CH	EET MID

Client Sample ID: C-242 3.5'
Date Collected: 11/10/22 11:38
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-5
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			5.02 g	5 mL	39775	11/17/22 08:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39773	11/17/22 12:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39843	11/17/22 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			39579	11/15/22 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39514	11/14/22 14:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39389	11/15/22 00:37	AJ	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	39448	11/14/22 11:42	KS	EET MID
Soluble	Analysis	300.0		1			39641	11/15/22 20:23	CH	EET MID

Client Sample ID: C-243 3.5'
Date Collected: 11/10/22 11:40
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	39775	11/17/22 08:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39773	11/17/22 12:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39843	11/17/22 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			39579	11/15/22 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39514	11/14/22 14:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39389	11/15/22 00:57	AJ	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	39448	11/14/22 11:42	KS	EET MID
Soluble	Analysis	300.0		1			39641	11/15/22 20:31	CH	EET MID

Client Sample ID: C-255 0-3.5'
Date Collected: 11/10/22 11:42
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-7
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			5.01 g	5 mL	39775	11/17/22 08:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39773	11/17/22 13:16	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39843	11/17/22 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			39579	11/15/22 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	39514	11/14/22 14:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39389	11/15/22 01:17	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Client Sample ID: C-255 0-3.5'
Date Collected: 11/10/22 11:42
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-7
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			5.04 g	50 mL	39448	11/14/22 11:42	KS	EET MID
Soluble	Analysis	300.0		1			39641	11/15/22 20:38	CH	EET MID

Client Sample ID: C-256 0-3.5'
Date Collected: 11/10/22 11:44
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-8
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			4.99 g	5 mL	39775	11/17/22 08:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39773	11/17/22 13:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39843	11/17/22 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			39579	11/15/22 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	39514	11/14/22 14:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39389	11/15/22 01:57	AJ	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	39448	11/14/22 11:42	KS	EET MID
Soluble	Analysis	300.0		1			39641	11/15/22 20:45	CH	EET MID

Client Sample ID: C-259 0-3.5'
Date Collected: 11/10/22 11:46
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-9
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	39775	11/17/22 08:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39773	11/17/22 13:57	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39843	11/17/22 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			39579	11/15/22 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	39514	11/14/22 14:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39389	11/15/22 02:17	AJ	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	39448	11/14/22 11:42	KS	EET MID
Soluble	Analysis	300.0		1			39641	11/15/22 20:52	CH	EET MID

Client Sample ID: C-260 0-3.5'
Date Collected: 11/10/22 11:48
Date Received: 11/10/22 16:06

Lab Sample ID: 890-3431-10
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			5.02 g	5 mL	39775	11/17/22 08:47	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	39773	11/17/22 14:18	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39843	11/17/22 15:05	SM	EET MID
Total/NA	Analysis	8015 NM		1			39579	11/15/22 09:20	AJ	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39514	11/14/22 14:24	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39389	11/15/22 02:37	AJ	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	39448	11/14/22 11:42	KS	EET MID
Soluble	Analysis	300.0		1			39641	11/15/22 20:59	CH	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 890-3431-1
Project/Site: Turkey Tract SDG: 22-0104-02

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: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3431-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3431-1	C-234 3.5'	Solid	11/10/22 11:28	11/10/22 16:06	3.5'
890-3431-2	C-235 3.5'	Solid	11/10/22 11:30	11/10/22 16:06	3.5'
890-3431-3	C-240 3.5'	Solid	11/10/22 11:34	11/10/22 16:06	3.5'
890-3431-4	C-241 3.5'	Solid	11/10/22 11:36	11/10/22 16:06	3.5'
890-3431-5	C-242 3.5'	Solid	11/10/22 11:38	11/10/22 16:06	3.5'
890-3431-6	C-243 3.5'	Solid	11/10/22 11:40	11/10/22 16:06	3.5'
890-3431-7	C-255 0-3.5'	Solid	11/10/22 11:42	11/10/22 16:06	0-3.5'
890-3431-8	C-256 0-3.5'	Solid	11/10/22 11:44	11/10/22 16:06	0-3.5'
890-3431-9	C-259 0-3.5'	Solid	11/10/22 11:46	11/10/22 16:06	0-3.5'
890-3431-10	C-260 0-3.5'	Solid	11/10/22 11:48	11/10/22 16:06	0-3.5'

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890-3431 Chain of Custody

No. 2782

CHAIN-OF-CUSTODY

11/17/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 11/10/22 PAGE 1 OF 1

PO#: LAB WORK ORDER#:

PROJECT LOCATION OR NAME: TURKEY TRACT

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

TRRP report? ☐ Yes ☒ No

TIME ZONE: Time zone/State: MNT / 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 8021 MTBE	TRPH 418.1	TPH 1005	TPH 1006	GASOLINE MOD 8015	DIESEL - MOD 8015	OIL - MOD 8015	VOC 8260	SVOC 8270	PAH 8270	HOLDPAH	8081 PESTICIDES	8151 HERBICIDES	8082 PCBS	TCLP - METALS (RCRA)	TCLP - PEST	HERB	TCLP VOC	TOTAL METALS (RCRA)	Semi-VOC	LEAD - TOTAL	OTHER LIST	RCI	TOX	D.W. 200.8	TDS	TSS	TCLP	pH	FLASHPOINT	EXPLOSIVES	% MOISTURE	CYANIDE	CHLORIDE	HEXAVALENT CHROMIUM	PECHLORATE	ANIONS	ALKALINITY	FIELD NOTES
C-234 3.5'		11/10/22	1124	S	1					X		X		X	X	X																										X							
C-235 3.5'		11/10/22	1130	S	1					X		X		X	X	X																										X							
C-240 3.5'		11/10/22	1134	S	1					X		X		X	X	X																										X							
C-241 3.5'		11/10/22	1186	S	1					X		X		X	X	X																										X							
C-242 3.5'		11/10/22	1138	S	1					X		X		X	X	X																										X							
C-243 3.5'		11/10/22	1140	S	1					X		X		X	X	X																										X							
C-255 0-3.5		11/10/22	1142	S	1					X		X		X	X	X																										X							
C-256 0-3.5		11/10/22	1144	S	1					X		X		X	X	X																										X							
C-259 0-3.5		11/10/22	1146	S	1					X		X		X	X	X																										X							
C-260 0-3.5		11/10/22	1148	S	1					X		X		X	X	X																										X							

TOTAL 10

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

11/10/22

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

11/10/22 16:06

RELINQUISHED BY:(Signature) DATE/TIME RECEIVED BY: (Signature)

LABORATORY: Xenco

TURN AROUND TIME

NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:

RECEIVING TEMP: 3.4/3.2 -0.2 THERM#: TAM-007

CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED

☐ CARRIER BILL #

☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3431-1
SDG Number: 22-0104-02

Login Number: 3431
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3431-1
SDG Number: 22-0104-02

Login Number: 3431
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 11/14/22 08:39 AM

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 Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Holly Taylor

Generated
11/17/2022 5:01:12 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland Texas 79701

Generated 11/22/2022 5:36:56 PM

JOB DESCRIPTION

Turkey Tract
SDG NUMBER 22-0104-02

JOB NUMBER

880-21514-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

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my EOL

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 880-21514-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-21514-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
F2	MS/MSD RPD exceeds control limits
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: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Job ID: 880-21514-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-21514-1

Receipt
The samples were received on 11/14/2022 11:02 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 0.5º C.

GC VOA
Method 8021B: Surrogate recovery for the following sample was outside control limits: (LCSD 880-39851/2-A). Evidence of matrix interferences is not obvious.

Method 8021B: Surrogate recovery for the following samples were outside control limits: (880-21514-A-1-G MS) and (880-21514-A-1-H MSD). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-137 4.1 (880-21514-3), C-138 4.1 (880-21514-4) and C-165 0-3 (880-21514-5). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-228 0-4.1 (880-21514-7), C-231 3.5 (880-21514-8), C-232 4.1 (880-21514-9) and C-233 4.1 (880-21514-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: Surrogate recovery for the following samples were outside control limits: C-238 4.1 (880-21514-12), C-239 3.5 (880-21514-13), C-244 3.5 (880-21514-14), C-245 3.5 (880-21514-15) and C-257 0-3.5 (880-21514-16). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-40034 recovered above the upper control limit for m,p-Xylenes. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated sample is impacted: (CCV 880-40034/2).

Method 8021B: CCV biased high for m,p-Xylene and Toluene however an acceptable CCV was ran within the 12 hour window therefore the data has been qualified and reported.
(CCV 880-40034/20)

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8015B NM: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 880-39730 and analytical batch 880-39984 was outside control limits. Sample non-homogeneity is suspected.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-39694 and analytical batch 880-39872 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.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-123 4.1

Date Collected: 11/11/22 10:00
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 02:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 02:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 02:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 02:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 02:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 02:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*11/17/22 16:04*	*11/22/22 02:05*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*11/17/22 16:04*	*11/22/22 02:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	50.0		mg/Kg		11/16/22 13:49	11/20/22 10:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 10:34	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 10:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*11/16/22 13:49*	*11/20/22 10:34*	*1*
o-Terphenyl (Surr)	*87*		*70 - 130*	*11/16/22 13:49*	*11/20/22 10:34*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**106**	**F1**	5.03		mg/Kg			11/18/22 05:49	1

Client Sample ID: C-125 4.1

Date Collected: 11/11/22 10:02
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 02:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 02:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 02:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/17/22 16:04	11/22/22 02:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 02:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/17/22 16:04	11/22/22 02:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*119*		*70 - 130*	*11/17/22 16:04*	*11/22/22 02:31*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*11/17/22 16:04*	*11/22/22 02:31*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-125 4.1

Date Collected: 11/11/22 10:02
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 11:41	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 11:41	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 11:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*11/16/22 13:49*	*11/20/22 11:41*	*1*
o-Terphenyl (Surr)	*98*		*70 - 130*	*11/16/22 13:49*	*11/20/22 11:41*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**179**		5.02		mg/Kg			11/18/22 06:10	1

Client Sample ID: C-137 4.1

Date Collected: 11/11/22 10:04
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 02:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 02:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 02:57	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		11/17/22 16:04	11/22/22 02:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 02:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/17/22 16:04	11/22/22 02:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 02:57*	*1*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*	*11/17/22 16:04*	*11/22/22 02:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**96.3**		49.8		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8		mg/Kg		11/16/22 13:49	11/20/22 12:03	1
Diesel Range Organics (Over C10-C28)	**96.3**		49.8		mg/Kg		11/16/22 13:49	11/20/22 12:03	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-137 4.1

Date Collected: 11/11/22 10:04
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-3
Matrix: Solid

Method: SW846 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		11/16/22 13:49	11/20/22 12:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*11/16/22 13:49*	*11/20/22 12:03*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*11/16/22 13:49*	*11/20/22 12:03*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**82.0**		5.04		mg/Kg			11/18/22 06:17	1

Client Sample ID: C-138 4.1

Date Collected: 11/11/22 10:06
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-4
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 03:23	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 03:23	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 03:23	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/17/22 16:04	11/22/22 03:23	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 03:23	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/17/22 16:04	11/22/22 03:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 03:23*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*11/17/22 16:04*	*11/22/22 03:23*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 12:26	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 12:26	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 12:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*100*		*70 - 130*	*11/16/22 13:49*	*11/20/22 12:26*	*1*
o-Terphenyl (Surr)	*92*		*70 - 130*	*11/16/22 13:49*	*11/20/22 12:26*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**104**		4.97		mg/Kg			11/18/22 06:38	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-165 0-3

Date Collected: 11/11/22 10:08
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-5
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 03:49	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 03:49	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 03:49	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 03:49	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 03:49	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 03:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*137*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 03:49*	*1*
1,4-Difluorobenzene (Surr)	*92*		*70 - 130*	*11/17/22 16:04*	*11/22/22 03:49*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 12:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 12:48	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 12:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*11/16/22 13:49*	*11/20/22 12:48*	*1*
o-Terphenyl (Surr)	*94*		*70 - 130*	*11/16/22 13:49*	*11/20/22 12:48*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**35.9**		5.05		mg/Kg			11/18/22 06:46	1

Client Sample ID: C-168 0-3.5

Date Collected: 11/11/22 10:10
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 04:14	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 04:14	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 04:14	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 04:14	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 04:14	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 04:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*129*		*70 - 130*	*11/17/22 16:04*	*11/22/22 04:14*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*11/17/22 16:04*	*11/22/22 04:14*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-168 0-3.5

Lab Sample ID: 880-21514-6
Matrix: Solid
Date Collected: 11/11/22 10:10
Date Received: 11/14/22 11:02

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**1510**		49.9		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 13:10	1
Diesel Range Organics (Over C10-C28)	**1510**		49.9		mg/Kg		11/16/22 13:49	11/20/22 13:10	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 13:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*96*		*70 - 130*	*11/16/22 13:49*	*11/20/22 13:10*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*11/16/22 13:49*	*11/20/22 13:10*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**107**		5.04		mg/Kg			11/18/22 06:53	1

Client Sample ID: C-228 0-4.1

Lab Sample ID: 880-21514-7
Matrix: Solid
Date Collected: 11/11/22 10:12
Date Received: 11/14/22 11:02

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 04:40	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 04:40	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 04:40	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/17/22 16:04	11/22/22 04:40	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 04:40	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/17/22 16:04	11/22/22 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 04:40*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*11/17/22 16:04*	*11/22/22 04:40*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 13:32	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 13:32	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-228 0-4.1

Lab Sample ID: 880-21514-7
Matrix: Solid
Date Collected: 11/11/22 10:12
Date Received: 11/14/22 11:02

Method: SW846 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		11/16/22 13:49	11/20/22 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*92*		*70 - 130*	*11/16/22 13:49*	*11/20/22 13:32*	*1*
o-Terphenyl (Surr)	*81*		*70 - 130*	*11/16/22 13:49*	*11/20/22 13:32*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**136**		4.99		mg/Kg			11/18/22 07:00	1

Client Sample ID: C-231 3.5

Lab Sample ID: 880-21514-8
Matrix: Solid
Date Collected: 11/11/22 10:14
Date Received: 11/14/22 11:02

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 05:06	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 05:06	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 05:06	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 05:06	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 05:06	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 05:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 05:06*	*1*
1,4-Difluorobenzene (Surr)	*78*		*70 - 130*	*11/17/22 16:04*	*11/22/22 05:06*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 13:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 13:54	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 13:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*11/16/22 13:49*	*11/20/22 13:54*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*11/16/22 13:49*	*11/20/22 13:54*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1610**		25.0		mg/Kg			11/18/22 07:07	5

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-232 4.1

Date Collected: 11/11/22 10:16
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-9

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 05:32	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 05:32	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 05:32	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 05:32	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 05:32	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 05:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*147*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 05:32*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*11/17/22 16:04*	*11/22/22 05:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 14:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 14:16	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*11/16/22 13:49*	*11/20/22 14:16*	*1*
o-Terphenyl (Surr)	*88*		*70 - 130*	*11/16/22 13:49*	*11/20/22 14:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**248**		4.97		mg/Kg			11/18/22 07:14	1

Client Sample ID: C-233 4.1

Date Collected: 11/11/22 10:18
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-10

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 05:58	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 05:58	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 05:58	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/17/22 16:04	11/22/22 05:58	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 05:58	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/17/22 16:04	11/22/22 05:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*153*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 05:58*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/17/22 16:04*	*11/22/22 05:58*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-233 4.1

Date Collected: 11/11/22 10:18
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-10
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 14:38	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 14:38	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 14:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*101*		*70 - 130*	*11/16/22 13:49*	*11/20/22 14:38*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*11/16/22 13:49*	*11/20/22 14:38*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**18.2**		5.02		mg/Kg			11/19/22 17:42	1

Client Sample ID: C-237 4.1

Date Collected: 11/11/22 10:20
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-11
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 07:46	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 07:46	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 07:46	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		11/17/22 16:04	11/22/22 07:46	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 07:46	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/17/22 16:04	11/22/22 07:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*126*		*70 - 130*	*11/17/22 16:04*	*11/22/22 07:46*	*1*
1,4-Difluorobenzene (Surr)	*79*		*70 - 130*	*11/17/22 16:04*	*11/22/22 07:46*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 15:21	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 15:21	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-237 4.1

Date Collected: 11/11/22 10:20
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-11
Matrix: Solid

Method: SW846 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		11/16/22 13:49	11/20/22 15:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*84*		*70 - 130*	*11/16/22 13:49*	*11/20/22 15:21*	*1*
o-Terphenyl (Surr)	*79*		*70 - 130*	*11/16/22 13:49*	*11/20/22 15:21*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**1630**		25.3		mg/Kg			11/19/22 17:59	5

Client Sample ID: C-238 4.1

Date Collected: 11/11/22 10:22
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-12
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 08:12	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 08:12	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 08:12	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/17/22 16:04	11/22/22 08:12	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 08:12	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/17/22 16:04	11/22/22 08:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 08:12*	*1*
1,4-Difluorobenzene (Surr)	*88*		*70 - 130*	*11/17/22 16:04*	*11/22/22 08:12*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 15:42	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 15:42	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 15:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*98*		*70 - 130*	*11/16/22 13:49*	*11/20/22 15:42*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*11/16/22 13:49*	*11/20/22 15:42*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**398**		4.97		mg/Kg			11/19/22 18:04	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-239 3.5

Date Collected: 11/11/22 10:24
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-13

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 08:38	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 08:38	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 08:38	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 08:38	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 08:38	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 08:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*144*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 08:38*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*11/17/22 16:04*	*11/22/22 08:38*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**736**		50.0		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 16:04	1
Diesel Range Organics (Over C10-C28)	**736**		50.0		mg/Kg		11/16/22 13:49	11/20/22 16:04	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 16:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*11/16/22 13:49*	*11/20/22 16:04*	*1*
o-Terphenyl (Surr)	*102*		*70 - 130*	*11/16/22 13:49*	*11/20/22 16:04*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**272**		4.97		mg/Kg			11/19/22 18:10	1

Client Sample ID: C-244 3.5

Date Collected: 11/11/22 10:26
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-14

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 09:05	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 09:05	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 09:05	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 09:05	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/17/22 16:04	11/22/22 09:05	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/17/22 16:04	11/22/22 09:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*145*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 09:05*	*1*
1,4-Difluorobenzene (Surr)	*82*		*70 - 130*	*11/17/22 16:04*	*11/22/22 09:05*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-244 3.5

Date Collected: 11/11/22 10:26
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-14
Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**77.3**		49.9		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 16:25	1
Diesel Range Organics (Over C10-C28)	**77.3**		49.9		mg/Kg		11/16/22 13:49	11/20/22 16:25	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 16:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*105*		*70 - 130*	*11/16/22 13:49*	*11/20/22 16:25*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*11/16/22 13:49*	*11/20/22 16:25*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**100**		5.01		mg/Kg			11/19/22 18:16	1

Client Sample ID: C-245 3.5

Date Collected: 11/11/22 10:28
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-15
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 09:31	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 09:31	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 09:31	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		11/17/22 16:04	11/22/22 09:31	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/17/22 16:04	11/22/22 09:31	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/17/22 16:04	11/22/22 09:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*152*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 09:31*	*1*
1,4-Difluorobenzene (Surr)	*91*		*70 - 130*	*11/17/22 16:04*	*11/22/22 09:31*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 16:48	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/16/22 13:49	11/20/22 16:48	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-245 3.5

Lab Sample ID: 880-21514-15
Matrix: Solid
Date Collected: 11/11/22 10:28
Date Received: 11/14/22 11:02

Method: SW846 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		11/16/22 13:49	11/20/22 16:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*11/16/22 13:49*	*11/20/22 16:48*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*11/16/22 13:49*	*11/20/22 16:48*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**385**		4.99		mg/Kg			11/19/22 18:33	1

Client Sample ID: C-257 0-3.5

Lab Sample ID: 880-21514-16
Matrix: Solid
Date Collected: 11/11/22 10:30
Date Received: 11/14/22 11:02

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 09:57	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 09:57	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 09:57	1
m,p-Xylenes	<0.00401	U	0.00401		mg/Kg		11/17/22 16:04	11/22/22 09:57	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 09:57	1
Xylenes, Total	<0.00401	U	0.00401		mg/Kg		11/17/22 16:04	11/22/22 09:57	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*148*	*S1+*	*70 - 130*	*11/17/22 16:04*	*11/22/22 09:57*	*1*
1,4-Difluorobenzene (Surr)	*81*		*70 - 130*	*11/17/22 16:04*	*11/22/22 09:57*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401		mg/Kg			11/22/22 16:26	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	**175**		50.0		mg/Kg			11/21/22 10:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 17:10	1
Diesel Range Organics (Over C10-C28)	**175**		50.0		mg/Kg		11/16/22 13:49	11/20/22 17:10	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 17:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*11/16/22 13:49*	*11/20/22 17:10*	*1*
o-Terphenyl (Surr)	*99*		*70 - 130*	*11/16/22 13:49*	*11/20/22 17:10*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**150**		5.00		mg/Kg			11/19/22 18:39	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

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)
880-21514-1	C-123 4.1	129	88
880-21514-1 MS	C-123 4.1	135 S1+	84
880-21514-1 MSD	C-123 4.1	134 S1+	90
880-21514-2	C-125 4.1	119	82
880-21514-3	C-137 4.1	134 S1+	85
880-21514-4	C-138 4.1	135 S1+	89
880-21514-5	C-165 0-3	137 S1+	92
880-21514-6	C-168 0-3.5	129	89
880-21514-7	C-228 0-4.1	134 S1+	88
880-21514-8	C-231 3.5	131 S1+	78
880-21514-9	C-232 4.1	147 S1+	89
880-21514-10	C-233 4.1	153 S1+	93
880-21514-11	C-237 4.1	126	79
880-21514-12	C-238 4.1	145 S1+	88
880-21514-13	C-239 3.5	144 S1+	93
880-21514-14	C-244 3.5	145 S1+	82
880-21514-15	C-245 3.5	152 S1+	91
880-21514-16	C-257 0-3.5	148 S1+	81
LCS 880-39851/1-A	Lab Control Sample	124	85
LCSD 880-39851/2-A	Lab Control Sample Dup	131 S1+	95
MB 880-39851/5-A	Method Blank	84	86
MB 880-39852/5-A	Method Blank	81	89

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)
880-21514-1	C-123 4.1	87	87
880-21514-1 MS	C-123 4.1	90	74
880-21514-1 MSD	C-123 4.1	90	86
880-21514-2	C-125 4.1	98	98
880-21514-3	C-137 4.1	117	110
880-21514-4	C-138 4.1	100	92
880-21514-5	C-165 0-3	96	94
880-21514-6	C-168 0-3.5	96	88
880-21514-7	C-228 0-4.1	92	81
880-21514-8	C-231 3.5	112	104
880-21514-9	C-232 4.1	94	88
880-21514-10	C-233 4.1	101	96
880-21514-11	C-237 4.1	84	79
880-21514-12	C-238 4.1	98	91
880-21514-13	C-239 3.5	109	102
880-21514-14	C-244 3.5	105	95
880-21514-15	C-245 3.5	110	99

Surrogate Summary

Client: Larson & Associates, Inc. Job ID: 880-21514-1
Project/Site: Turkey Tract SDG: 22-0104-02

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)								
880-21514-16	C-257 0-3.5	112	99								
LCS 880-39730/2-A	Lab Control Sample	104	109								
LCSD 880-39730/3-A	Lab Control Sample Dup	97	105								
MB 880-39730/1-A	Method Blank	102	104								

Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-39851/5-A
Matrix: Solid
Analysis Batch: 40034

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39851

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 01:39	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 01:39	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 01:39	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/17/22 16:04	11/22/22 01:39	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/17/22 16:04	11/22/22 01:39	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/17/22 16:04	11/22/22 01:39	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*11/17/22 16:04*	*11/22/22 01:39*	*1*
1,4-Difluorobenzene (Surr)	*86*		*70 - 130*	*11/17/22 16:04*	*11/22/22 01:39*	*1*

Lab Sample ID: LCS 880-39851/1-A
Matrix: Solid
Analysis Batch: 40034

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39851

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.07952		mg/Kg		80	70 - 130		
Toluene			0.100	0.08743		mg/Kg		87	70 - 130		
Ethylbenzene			0.100	0.08238		mg/Kg		82	70 - 130		
m,p-Xylenes			0.200	0.1818		mg/Kg		91	70 - 130		
o-Xylene			0.100	0.08734		mg/Kg		87	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*124*		*70 - 130*
1,4-Difluorobenzene (Surr)	*85*		*70 - 130*

Lab Sample ID: LCSD 880-39851/2-A
Matrix: Solid
Analysis Batch: 40034

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39851

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08920		mg/Kg		89	70 - 130	11	35
Toluene			0.100	0.09501		mg/Kg		95	70 - 130	8	35
Ethylbenzene			0.100	0.08643		mg/Kg		86	70 - 130	5	35
m,p-Xylenes			0.200	0.1928		mg/Kg		96	70 - 130	6	35
o-Xylene			0.100	0.09388		mg/Kg		94	70 - 130	7	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*131*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 880-21514-1 MS
Matrix: Solid
Analysis Batch: 40034

Client Sample ID: C-123 4.1
Prep Type: Total/NA
Prep Batch: 39851

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00199	U	0.0996	0.08119		mg/Kg		82	70 - 130		
Toluene	<0.00199	U	0.0996	0.09085		mg/Kg		91	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-21514-1 MS
Matrix: Solid
Analysis Batch: 40034

Client Sample ID: C-123 4.1
Prep Type: Total/NA
Prep Batch: 39851

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00199	U	0.0996	0.08672		mg/Kg		87	70 - 130
m,p-Xylenes	<0.00398	U	0.199	0.1893		mg/Kg		95	70 - 130
o-Xylene	<0.00199	U	0.0996	0.08757		mg/Kg		88	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*135*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*84*		*70 - 130*

Lab Sample ID: 880-21514-1 MSD
Matrix: Solid
Analysis Batch: 40034

Client Sample ID: C-123 4.1
Prep Type: Total/NA
Prep Batch: 39851

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	0.07531		mg/Kg		75	70 - 130	8	35
Toluene	<0.00199	U	0.100	0.08477		mg/Kg		84	70 - 130	7	35
Ethylbenzene	<0.00199	U	0.100	0.08045		mg/Kg		80	70 - 130	8	35
m,p-Xylenes	<0.00398	U	0.201	0.1756		mg/Kg		87	70 - 130	8	35
o-Xylene	<0.00199	U	0.100	0.08288		mg/Kg		83	70 - 130	6	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*134*	*S1+*	*70 - 130*
1,4-Difluorobenzene (Surr)	*90*		*70 - 130*

Lab Sample ID: MB 880-39852/5-A
Matrix: Solid
Analysis Batch: 40034

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39852

Analyte	MB Result	MB Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		11/17/22 16:07	11/21/22 12:20	1
Toluene	<0.00200	U	0.00200	mg/Kg		11/17/22 16:07	11/21/22 12:20	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		11/17/22 16:07	11/21/22 12:20	1
m,p-Xylenes	<0.00400	U	0.00400	mg/Kg		11/17/22 16:07	11/21/22 12:20	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		11/17/22 16:07	11/21/22 12:20	1
Xylenes, Total	<0.00400	U	0.00400	mg/Kg		11/17/22 16:07	11/21/22 12:20	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*	*11/17/22 16:07*	*11/21/22 12:20*	*1*
1,4-Difluorobenzene (Surr)	*89*		*70 - 130*	*11/17/22 16:07*	*11/21/22 12:20*	*1*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-39730/1-A
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39730

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		11/16/22 13:49	11/20/22 08:00	1

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 880-39730/1-A
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 39730

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 08:00	1
Oll Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/16/22 13:49	11/20/22 08:00	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*102*		*70 - 130*	*11/16/22 13:49*	*11/20/22 08:00*	*1*
o-Terphenyl (Surr)	*104*		*70 - 130*	*11/16/22 13:49*	*11/20/22 08:00*	*1*

Lab Sample ID: LCS 880-39730/2-A
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 39730

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	1002		mg/Kg		100	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1045		mg/Kg		105	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*104*		*70 - 130*
o-Terphenyl (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-39730/3-A
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 39730

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	868.0		mg/Kg		87	70 - 130	14	20
Diesel Range Organics (Over C10-C28)			1000	1001		mg/Kg		100	70 - 130	4	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*97*		*70 - 130*
o-Terphenyl (Surr)	*105*		*70 - 130*

Lab Sample ID: 880-21514-1 MS
Matrix: Solid
Analysis Batch: 39984

Client Sample ID: C-123 4.1
Prep Type: Total/NA
Prep Batch: 39730

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	998	699.0		mg/Kg		70	70 - 130		
Diesel Range Organics (Over C10-C28)	<50.0	U	998	857.8		mg/Kg		86	70 - 130		

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*90*		*70 - 130*
o-Terphenyl (Surr)	*74*		*70 - 130*

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: 880-21514-1 MSD — **Client Sample ID: C-123 4.1**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 39984 — **Prep Batch: 39730**

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U F2	997	934.7	F2	mg/Kg		94	70 - 130	29	20
Diesel Range Organics (Over C10-C28)	<50.0	U	997	1008		mg/Kg		101	70 - 130	16	20

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1-Chlorooctane (Surr)	*90*		*70 - 130*
o-Terphenyl (Surr)	*86*		*70 - 130*

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-39694/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39872

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<5.00	U	5.00		mg/Kg			11/18/22 03:47	1

Lab Sample ID: LCS 880-39694/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39872

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	252.7		mg/Kg		101	90 - 110		

Lab Sample ID: LCSD 880-39694/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39872

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	264.2		mg/Kg		106	90 - 110	4	20

Lab Sample ID: 880-21514-1 MS — **Client Sample ID: C-123 4.1**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39872

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	106	F1	252	367.2		mg/Kg		104	90 - 110		

Lab Sample ID: 880-21514-1 MSD — **Client Sample ID: C-123 4.1**
Matrix: Solid — **Prep Type: Soluble**
Analysis Batch: 39872

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	106	F1	252	386.6	F1	mg/Kg		111	90 - 110	5	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: MB 880-39697/1-A
Matrix: Solid
Analysis Batch: 39997

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			11/19/22 17:25	1

Lab Sample ID: LCS 880-39697/2-A
Matrix: Solid
Analysis Batch: 39997

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	257.3		mg/Kg		103	90 - 110		

Lab Sample ID: LCSD 880-39697/3-A
Matrix: Solid
Analysis Batch: 39997

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	257.7		mg/Kg		103	90 - 110	0	20

Lab Sample ID: 880-21514-10 MS
Matrix: Solid
Analysis Batch: 39997

Client Sample ID: C-233 4.1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	18.2		251	282.1		mg/Kg		105	90 - 110		

Lab Sample ID: 880-21514-10 MSD
Matrix: Solid
Analysis Batch: 39997

Client Sample ID: C-233 4.1
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	18.2		251	279.0		mg/Kg		104	90 - 110	1	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

GC VOA

Prep Batch: 39851

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-1	C-123 4.1	Total/NA	Solid	5035	
880-21514-2	C-125 4.1	Total/NA	Solid	5035	
880-21514-3	C-137 4.1	Total/NA	Solid	5035	
880-21514-4	C-138 4.1	Total/NA	Solid	5035	
880-21514-5	C-165 0-3	Total/NA	Solid	5035	
880-21514-6	C-168 0-3.5	Total/NA	Solid	5035	
880-21514-7	C-228 0-4.1	Total/NA	Solid	5035	
880-21514-8	C-231 3.5	Total/NA	Solid	5035	
880-21514-9	C-232 4.1	Total/NA	Solid	5035	
880-21514-10	C-233 4.1	Total/NA	Solid	5035	
880-21514-11	C-237 4.1	Total/NA	Solid	5035	
880-21514-12	C-238 4.1	Total/NA	Solid	5035	
880-21514-13	C-239 3.5	Total/NA	Solid	5035	
880-21514-14	C-244 3.5	Total/NA	Solid	5035	
880-21514-15	C-245 3.5	Total/NA	Solid	5035	
880-21514-16	C-257 0-3.5	Total/NA	Solid	5035	
MB 880-39851/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-39851/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-39851/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
880-21514-1 MS	C-123 4.1	Total/NA	Solid	5035	
880-21514-1 MSD	C-123 4.1	Total/NA	Solid	5035	

Prep Batch: 39852

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-39852/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 40034

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-1	C-123 4.1	Total/NA	Solid	8021B	39851
880-21514-2	C-125 4.1	Total/NA	Solid	8021B	39851
880-21514-3	C-137 4.1	Total/NA	Solid	8021B	39851
880-21514-4	C-138 4.1	Total/NA	Solid	8021B	39851
880-21514-5	C-165 0-3	Total/NA	Solid	8021B	39851
880-21514-6	C-168 0-3.5	Total/NA	Solid	8021B	39851
880-21514-7	C-228 0-4.1	Total/NA	Solid	8021B	39851
880-21514-8	C-231 3.5	Total/NA	Solid	8021B	39851
880-21514-9	C-232 4.1	Total/NA	Solid	8021B	39851
880-21514-10	C-233 4.1	Total/NA	Solid	8021B	39851
880-21514-11	C-237 4.1	Total/NA	Solid	8021B	39851
880-21514-12	C-238 4.1	Total/NA	Solid	8021B	39851
880-21514-13	C-239 3.5	Total/NA	Solid	8021B	39851
880-21514-14	C-244 3.5	Total/NA	Solid	8021B	39851
880-21514-15	C-245 3.5	Total/NA	Solid	8021B	39851
880-21514-16	C-257 0-3.5	Total/NA	Solid	8021B	39851
MB 880-39851/5-A	Method Blank	Total/NA	Solid	8021B	39851
MB 880-39852/5-A	Method Blank	Total/NA	Solid	8021B	39852
LCS 880-39851/1-A	Lab Control Sample	Total/NA	Solid	8021B	39851
LCSD 880-39851/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	39851
880-21514-1 MS	C-123 4.1	Total/NA	Solid	8021B	39851
880-21514-1 MSD	C-123 4.1	Total/NA	Solid	8021B	39851

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

GC VOA

Analysis Batch: 40244

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-1	C-123 4.1	Total/NA	Solid	Total BTEX	
880-21514-2	C-125 4.1	Total/NA	Solid	Total BTEX	
880-21514-3	C-137 4.1	Total/NA	Solid	Total BTEX	
880-21514-4	C-138 4.1	Total/NA	Solid	Total BTEX	
880-21514-5	C-165 0-3	Total/NA	Solid	Total BTEX	
880-21514-6	C-168 0-3.5	Total/NA	Solid	Total BTEX	
880-21514-7	C-228 0-4.1	Total/NA	Solid	Total BTEX	
880-21514-8	C-231 3.5	Total/NA	Solid	Total BTEX	
880-21514-9	C-232 4.1	Total/NA	Solid	Total BTEX	
880-21514-10	C-233 4.1	Total/NA	Solid	Total BTEX	
880-21514-11	C-237 4.1	Total/NA	Solid	Total BTEX	
880-21514-12	C-238 4.1	Total/NA	Solid	Total BTEX	
880-21514-13	C-239 3.5	Total/NA	Solid	Total BTEX	
880-21514-14	C-244 3.5	Total/NA	Solid	Total BTEX	
880-21514-15	C-245 3.5	Total/NA	Solid	Total BTEX	
880-21514-16	C-257 0-3.5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 39730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-1	C-123 4.1	Total/NA	Solid	8015NM Prep	
880-21514-2	C-125 4.1	Total/NA	Solid	8015NM Prep	
880-21514-3	C-137 4.1	Total/NA	Solid	8015NM Prep	
880-21514-4	C-138 4.1	Total/NA	Solid	8015NM Prep	
880-21514-5	C-165 0-3	Total/NA	Solid	8015NM Prep	
880-21514-6	C-168 0-3.5	Total/NA	Solid	8015NM Prep	
880-21514-7	C-228 0-4.1	Total/NA	Solid	8015NM Prep	
880-21514-8	C-231 3.5	Total/NA	Solid	8015NM Prep	
880-21514-9	C-232 4.1	Total/NA	Solid	8015NM Prep	
880-21514-10	C-233 4.1	Total/NA	Solid	8015NM Prep	
880-21514-11	C-237 4.1	Total/NA	Solid	8015NM Prep	
880-21514-12	C-238 4.1	Total/NA	Solid	8015NM Prep	
880-21514-13	C-239 3.5	Total/NA	Solid	8015NM Prep	
880-21514-14	C-244 3.5	Total/NA	Solid	8015NM Prep	
880-21514-15	C-245 3.5	Total/NA	Solid	8015NM Prep	
880-21514-16	C-257 0-3.5	Total/NA	Solid	8015NM Prep	
MB 880-39730/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-39730/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-39730/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
880-21514-1 MS	C-123 4.1	Total/NA	Solid	8015NM Prep	
880-21514-1 MSD	C-123 4.1	Total/NA	Solid	8015NM Prep	

Analysis Batch: 39984

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-1	C-123 4.1	Total/NA	Solid	8015B NM	39730
880-21514-2	C-125 4.1	Total/NA	Solid	8015B NM	39730
880-21514-3	C-137 4.1	Total/NA	Solid	8015B NM	39730
880-21514-4	C-138 4.1	Total/NA	Solid	8015B NM	39730
880-21514-5	C-165 0-3	Total/NA	Solid	8015B NM	39730
880-21514-6	C-168 0-3.5	Total/NA	Solid	8015B NM	39730

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 39984 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-7	C-228 0-4.1	Total/NA	Solid	8015B NM	39730
880-21514-8	C-231 3.5	Total/NA	Solid	8015B NM	39730
880-21514-9	C-232 4.1	Total/NA	Solid	8015B NM	39730
880-21514-10	C-233 4.1	Total/NA	Solid	8015B NM	39730
880-21514-11	C-237 4.1	Total/NA	Solid	8015B NM	39730
880-21514-12	C-238 4.1	Total/NA	Solid	8015B NM	39730
880-21514-13	C-239 3.5	Total/NA	Solid	8015B NM	39730
880-21514-14	C-244 3.5	Total/NA	Solid	8015B NM	39730
880-21514-15	C-245 3.5	Total/NA	Solid	8015B NM	39730
880-21514-16	C-257 0-3.5	Total/NA	Solid	8015B NM	39730
MB 880-39730/1-A	Method Blank	Total/NA	Solid	8015B NM	39730
LCS 880-39730/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	39730
LCSD 880-39730/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	39730
880-21514-1 MS	C-123 4.1	Total/NA	Solid	8015B NM	39730
880-21514-1 MSD	C-123 4.1	Total/NA	Solid	8015B NM	39730

Analysis Batch: 40085

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-1	C-123 4.1	Total/NA	Solid	8015 NM	
880-21514-2	C-125 4.1	Total/NA	Solid	8015 NM	
880-21514-3	C-137 4.1	Total/NA	Solid	8015 NM	
880-21514-4	C-138 4.1	Total/NA	Solid	8015 NM	
880-21514-5	C-165 0-3	Total/NA	Solid	8015 NM	
880-21514-6	C-168 0-3.5	Total/NA	Solid	8015 NM	
880-21514-7	C-228 0-4.1	Total/NA	Solid	8015 NM	
880-21514-8	C-231 3.5	Total/NA	Solid	8015 NM	
880-21514-9	C-232 4.1	Total/NA	Solid	8015 NM	
880-21514-10	C-233 4.1	Total/NA	Solid	8015 NM	
880-21514-11	C-237 4.1	Total/NA	Solid	8015 NM	
880-21514-12	C-238 4.1	Total/NA	Solid	8015 NM	
880-21514-13	C-239 3.5	Total/NA	Solid	8015 NM	
880-21514-14	C-244 3.5	Total/NA	Solid	8015 NM	
880-21514-15	C-245 3.5	Total/NA	Solid	8015 NM	
880-21514-16	C-257 0-3.5	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 39694

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-1	C-123 4.1	Soluble	Solid	DI Leach	
880-21514-2	C-125 4.1	Soluble	Solid	DI Leach	
880-21514-3	C-137 4.1	Soluble	Solid	DI Leach	
880-21514-4	C-138 4.1	Soluble	Solid	DI Leach	
880-21514-5	C-165 0-3	Soluble	Solid	DI Leach	
880-21514-6	C-168 0-3.5	Soluble	Solid	DI Leach	
880-21514-7	C-228 0-4.1	Soluble	Solid	DI Leach	
880-21514-8	C-231 3.5	Soluble	Solid	DI Leach	
880-21514-9	C-232 4.1	Soluble	Solid	DI Leach	
MB 880-39694/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-39694/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-39694/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 39694 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-1 MS	C-123 4.1	Soluble	Solid	DI Leach	
880-21514-1 MSD	C-123 4.1	Soluble	Solid	DI Leach	

Leach Batch: 39697

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-10	C-233 4.1	Soluble	Solid	DI Leach	
880-21514-11	C-237 4.1	Soluble	Solid	DI Leach	
880-21514-12	C-238 4.1	Soluble	Solid	DI Leach	
880-21514-13	C-239 3.5	Soluble	Solid	DI Leach	
880-21514-14	C-244 3.5	Soluble	Solid	DI Leach	
880-21514-15	C-245 3.5	Soluble	Solid	DI Leach	
880-21514-16	C-257 0-3.5	Soluble	Solid	DI Leach	
MB 880-39697/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-39697/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-39697/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-21514-10 MS	C-233 4.1	Soluble	Solid	DI Leach	
880-21514-10 MSD	C-233 4.1	Soluble	Solid	DI Leach	

Analysis Batch: 39872

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-1	C-123 4.1	Soluble	Solid	300.0	39694
880-21514-2	C-125 4.1	Soluble	Solid	300.0	39694
880-21514-3	C-137 4.1	Soluble	Solid	300.0	39694
880-21514-4	C-138 4.1	Soluble	Solid	300.0	39694
880-21514-5	C-165 0-3	Soluble	Solid	300.0	39694
880-21514-6	C-168 0-3.5	Soluble	Solid	300.0	39694
880-21514-7	C-228 0-4.1	Soluble	Solid	300.0	39694
880-21514-8	C-231 3.5	Soluble	Solid	300.0	39694
880-21514-9	C-232 4.1	Soluble	Solid	300.0	39694
MB 880-39694/1-A	Method Blank	Soluble	Solid	300.0	39694
LCS 880-39694/2-A	Lab Control Sample	Soluble	Solid	300.0	39694
LCSD 880-39694/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	39694
880-21514-1 MS	C-123 4.1	Soluble	Solid	300.0	39694
880-21514-1 MSD	C-123 4.1	Soluble	Solid	300.0	39694

Analysis Batch: 39997

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-21514-10	C-233 4.1	Soluble	Solid	300.0	39697
880-21514-11	C-237 4.1	Soluble	Solid	300.0	39697
880-21514-12	C-238 4.1	Soluble	Solid	300.0	39697
880-21514-13	C-239 3.5	Soluble	Solid	300.0	39697
880-21514-14	C-244 3.5	Soluble	Solid	300.0	39697
880-21514-15	C-245 3.5	Soluble	Solid	300.0	39697
880-21514-16	C-257 0-3.5	Soluble	Solid	300.0	39697
MB 880-39697/1-A	Method Blank	Soluble	Solid	300.0	39697
LCS 880-39697/2-A	Lab Control Sample	Soluble	Solid	300.0	39697
LCSD 880-39697/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	39697
880-21514-10 MS	C-233 4.1	Soluble	Solid	300.0	39697
880-21514-10 MSD	C-233 4.1	Soluble	Solid	300.0	39697

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-123 4.1

Date Collected: 11/11/22 10:00
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-1

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			5.03 g	5 mL	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 02:05	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 10:34	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	39694	11/16/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	39872	11/18/22 05:49	CH	EET MID

Client Sample ID: C-125 4.1

Date Collected: 11/11/22 10:02
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-2

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			4.97 g	5 mL	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 02:31	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 11:41	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	39694	11/16/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	39872	11/18/22 06:10	CH	EET MID

Client Sample ID: C-137 4.1

Date Collected: 11/11/22 10:04
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-3

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	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 02:57	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 12:03	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	39694	11/16/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	39872	11/18/22 06:17	CH	EET MID

Client Sample ID: C-138 4.1

Date Collected: 11/11/22 10:06
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-4

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			5.01 g	5 mL	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 03:23	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-138 4.1

Date Collected: 11/11/22 10:06
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-4

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			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 12:26	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	39694	11/16/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	39872	11/18/22 06:38	CH	EET MID

Client Sample ID: C-165 0-3

Date Collected: 11/11/22 10:08
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-5

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			5.02 g	5 mL	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 03:49	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 12:48	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	39694	11/16/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	39872	11/18/22 06:46	CH	EET MID

Client Sample ID: C-168 0-3.5

Date Collected: 11/11/22 10:10
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 04:14	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 13:10	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	39694	11/16/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	39872	11/18/22 06:53	CH	EET MID

Client Sample ID: C-228 0-4.1

Date Collected: 11/11/22 10:12
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 04:40	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 13:32	SM	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-228 0-4.1

Lab Sample ID: 880-21514-7
Matrix: Solid
Date Collected: 11/11/22 10:12
Date Received: 11/14/22 11:02

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	39694	11/16/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	39872	11/18/22 07:00	CH	EET MID

Client Sample ID: C-231 3.5

Lab Sample ID: 880-21514-8
Matrix: Solid
Date Collected: 11/11/22 10:14
Date Received: 11/14/22 11:02

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	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 05:06	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 13:54	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	39694	11/16/22 10:28	KS	EET MID
Soluble	Analysis	300.0		5	50 mL	50 mL	39872	11/18/22 07:07	CH	EET MID

Client Sample ID: C-232 4.1

Lab Sample ID: 880-21514-9
Matrix: Solid
Date Collected: 11/11/22 10:16
Date Received: 11/14/22 11:02

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	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 05:32	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 14:16	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	39694	11/16/22 10:28	KS	EET MID
Soluble	Analysis	300.0		1	50 mL	50 mL	39872	11/18/22 07:14	CH	EET MID

Client Sample ID: C-233 4.1

Lab Sample ID: 880-21514-10
Matrix: Solid
Date Collected: 11/11/22 10:18
Date Received: 11/14/22 11:02

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	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 05:58	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 14:38	SM	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	39697	11/16/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			39997	11/19/22 17:42	SMC	EET MID

Eurofins Midland

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-237 4.1

Date Collected: 11/11/22 10:20
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-11
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			4.99 g	5 mL	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 07:46	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 15:21	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	39697	11/16/22 10:35	KS	EET MID
Soluble	Analysis	300.0		5			39997	11/19/22 17:59	SMC	EET MID

Client Sample ID: C-238 4.1

Date Collected: 11/11/22 10:22
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 08:12	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 15:42	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	39697	11/16/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			39997	11/19/22 18:04	SMC	EET MID

Client Sample ID: C-239 3.5

Date Collected: 11/11/22 10:24
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-13
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			5.03 g	5 mL	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 08:38	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 16:04	SM	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	39697	11/16/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			39997	11/19/22 18:10	SMC	EET MID

Client Sample ID: C-244 3.5

Date Collected: 11/11/22 10:26
Date Received: 11/14/22 11:02

Lab Sample ID: 880-21514-14
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			5.02 g	5 mL	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 09:05	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Client Sample ID: C-244 3.5

Lab Sample ID: 880-21514-14
Matrix: Solid
Date Collected: 11/11/22 10:26
Date Received: 11/14/22 11:02

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			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 16:25	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	39697	11/16/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			39997	11/19/22 18:16	SMC	EET MID

Client Sample ID: C-245 3.5

Lab Sample ID: 880-21514-15
Matrix: Solid
Date Collected: 11/11/22 10:28
Date Received: 11/14/22 11:02

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	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 09:31	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 16:48	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	39697	11/16/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			39997	11/19/22 18:33	SMC	EET MID

Client Sample ID: C-257 0-3.5

Lab Sample ID: 880-21514-16
Matrix: Solid
Date Collected: 11/11/22 10:30
Date Received: 11/14/22 11:02

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	39851	11/17/22 16:04	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	40034	11/22/22 09:57	SM	EET MID
Total/NA	Analysis	Total BTEX		1			40244	11/22/22 16:26	SM	EET MID
Total/NA	Analysis	8015 NM		1			40085	11/21/22 10:39	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	39730	11/16/22 13:49	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	39984	11/20/22 17:10	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	39697	11/16/22 10:35	KS	EET MID
Soluble	Analysis	300.0		1			39997	11/19/22 18:39	SMC	EET MID

Laboratory References:
EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 880-21514-1
Project/Site: Turkey Tract SDG: 22-0104-02

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: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-21514-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-21514-1	C-123 4.1	Solid	11/11/22 10:00	11/14/22 11:02
880-21514-2	C-125 4.1	Solid	11/11/22 10:02	11/14/22 11:02
880-21514-3	C-137 4.1	Solid	11/11/22 10:04	11/14/22 11:02
880-21514-4	C-138 4.1	Solid	11/11/22 10:06	11/14/22 11:02
880-21514-5	C-165 0-3	Solid	11/11/22 10:08	11/14/22 11:02
880-21514-6	C-168 0-3.5	Solid	11/11/22 10:10	11/14/22 11:02
880-21514-7	C-228 0-4.1	Solid	11/11/22 10:12	11/14/22 11:02
880-21514-8	C-231 3.5	Solid	11/11/22 10:14	11/14/22 11:02
880-21514-9	C-232 4.1	Solid	11/11/22 10:16	11/14/22 11:02
880-21514-10	C-233 4.1	Solid	11/11/22 10:18	11/14/22 11:02
880-21514-11	C-237 4.1	Solid	11/11/22 10:20	11/14/22 11:02
880-21514-12	C-238 4.1	Solid	11/11/22 10:22	11/14/22 11:02
880-21514-13	C-239 3.5	Solid	11/11/22 10:24	11/14/22 11:02
880-21514-14	C-244 3.5	Solid	11/11/22 10:26	11/14/22 11:02
880-21514-15	C-245 3.5	Solid	11/11/22 10:28	11/14/22 11:02
880-21514-16	C-257 0-3.5	Solid	11/11/22 10:30	11/14/22 11:02

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21514 No. 2826

CHAIN-OF-CUSTODY

11/22/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to

DATE 11/14/2022 PAGE 1 OF 2

PO# LAB WORK ORDER#

PROJECT LOCATION OR NAME TURKEY TRACT

LAI PROJECT # 22-0104-02 COLLECTOR DSG

TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE
Time zone/State
MNT/NM

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES	FIELD NOTES
C-123 4.1		11/11/22	1000	S	1				X		X	202
C-125 4.1			1002									
C-137 4.1			1004									
C-138 4.1			1006									
C-165 0-3			1008									
C-168 0-3.5			1010									
C-228 0-4.1			1012									
C-231 3.5			1014									
C-232 4.1			1016									
C-233 4.1			1018									
C 237 4.1			1020									
C-238 4.1			1022									
C-239 3.5			1024									
C-244 3.5			1026									
C-245 3.5			1028									

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 ☐

TOTAL 15

880-21514 Chain of Custody

RELINQUISHED BY (Signature)	DATE/TIME 11/14/22 1102	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 0.8/0.5 THERM# IR8 30
CUSTODY SEALS - ☐ BROKEN ☑ INTACT ☐ NOT USED
☐ CARRIER BILL #
☑ HAND DELIVERED

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21514

No. 2827

CHAIN-OF-CUSTODY

11/22/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to

DATE 11/14/2022 PAGE 2 OF 2

PO# _____ LAB WORK ORDER# _____

PROJECT LOCATION OR NAME: TURKEY TRACT

LAI PROJECT # 22-0104-02 COLLECTOR DSG

TRRP report? ☐ Yes ☒ No

TIME ZONE
Time zone/State: MNT/NM

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I D	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4 ☐ NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☒	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D W 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-257 0-3.5		11/11/22	1030	S	1				X		X		X	X	X												X		

LOC. 660
21514

TOTAL 1

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
[signature]	11/14/22 1102	[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 _____ THERM# _____
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-21514-1
SDG Number: 22-0104-02

Login Number: 21514
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 Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

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Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

eurofins | Environment Testing



ANALYTICAL REPORT

Eurofins Carlsbad
1089 N Canal St.
Carlsbad, NM 88220
Tel: (575)988-3199

Laboratory Job ID: 890-3365-1
Laboratory Sample Delivery Group: 22-0104-02
Client Project/Site: Turkey Tract

For:
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Attn: Mr. Mark J Larson

Holly Taylor

Authorized for release by:
11/9/2022 3:22:35 PM

Holly Taylor, Project Manager
(806)794-1296
Holly.Taylor@et.eurofinsus.com

LINKS

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 890-3365-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3365-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	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: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Job ID: 890-3365-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3365-1

Receipt
The samples were received on 11/2/2022 2:52 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 1.8º C.

Receipt Exceptions

The following samples were received and analyzed from a bulk soil jar: C-41 0-2' (890-3365-1), C-88 4.1' (890-3365-2), C-104 4.1' (890-3365-3), C-105 4.1' (890-3365-4), C-127 4.1 (890-3365-5), C-128 4.1' (890-3365-6), C-130 4.1' (890-3365-7), C-133 4.1' (890-3365-8) and C-134 4.1' (890-3365-9).

GC VOA
Method 8021B: Spike compounds were inadvertently omitted during the extraction process for the matrix spike/matrix spike duplicate (MS/MSD); therefore, matrix spike recoveries are unavailable for preparation batch 880-38880 and analytical batch 880-38952. The associated laboratory control sample (LCS) met acceptance criteria.

Method 8021B: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 880-38880 and analytical batch 880-38952 recovered outside control limits for the following analytes: m,p-Xylenes. These analytes were biased low in the LCSD, however the LCS was acceptable; therefore, the data have been reported.

Method 8021B: The continuing calibration verification (CCV) associated with batch 880-38954 recovered above the upper control limit for Toluene and Ethylbenzene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

GC Semi VOA
Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (890-3365-A-1-C MS). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

General Chemistry
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Organic Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

VOA Prep
No analytical or quality issues were noted, other than those described in the Definitions/Glossary page.

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-41 0-2'

Date Collected: 11/02/22 09:00
Date Received: 11/02/22 14:52
Sample Depth: 0-2'

Lab Sample ID: 890-3365-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		11/08/22 09:37	11/08/22 15:47	1
Toluene	<0.00198	U	0.00198		mg/Kg		11/08/22 09:37	11/08/22 15:47	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		11/08/22 09:37	11/08/22 15:47	1
m,p-Xylenes	<0.00396	U	0.00396		mg/Kg		11/08/22 09:37	11/08/22 15:47	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		11/08/22 09:37	11/08/22 15:47	1
Xylenes, Total	<0.00396	U	0.00396		mg/Kg		11/08/22 09:37	11/08/22 15:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*100*		*70 - 130*	*11/08/22 09:37*	*11/08/22 15:47*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/08/22 09:37*	*11/08/22 15:47*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00396	U	0.00396		mg/Kg			11/09/22 11:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/07/22 11:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 12:24	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 12:24	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 12:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*11/04/22 13:31*	*11/05/22 12:24*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*11/04/22 13:31*	*11/05/22 12:24*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**20.6**		5.00		mg/Kg			11/04/22 22:36	1

Client Sample ID: C-88 4.1'

Date Collected: 11/02/22 09:02
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Lab Sample ID: 890-3365-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 16:07	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 16:07	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 16:07	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		11/08/22 09:37	11/08/22 16:07	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 16:07	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/08/22 09:37	11/08/22 16:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*97*		*70 - 130*	*11/08/22 09:37*	*11/08/22 16:07*	*1*

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-88 4.1'

Date Collected: 11/02/22 09:02
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Lab Sample ID: 890-3365-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*94*		*70 - 130*	*11/08/22 09:37*	*11/08/22 16:07*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399	mg/Kg			11/09/22 11:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.8	U	49.8	mg/Kg			11/07/22 11:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.8	U	49.8	mg/Kg		11/04/22 13:31	11/05/22 13:30	1
Diesel Range Organics (Over C10-C28)	<49.8	U	49.8	mg/Kg		11/04/22 13:31	11/05/22 13:30	1
Oil Range Organics (Over C28-C36)	<49.8	U	49.8	mg/Kg		11/04/22 13:31	11/05/22 13:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*11/04/22 13:31*	*11/05/22 13:30*	*1*
o-Terphenyl (Surr)	*90*		*70 - 130*	*11/04/22 13:31*	*11/05/22 13:30*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**152**		4.96	mg/Kg			11/04/22 22:41	1

Client Sample ID: C-104 4.1'

Date Collected: 11/02/22 09:04
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Lab Sample ID: 890-3365-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199	mg/Kg		11/07/22 13:38	11/08/22 13:11	1
Toluene	<0.00199	U	0.00199	mg/Kg		11/07/22 13:38	11/08/22 13:11	1
Ethylbenzene	<0.00199	U	0.00199	mg/Kg		11/07/22 13:38	11/08/22 13:11	1
m,p-Xylenes	<0.00398	U *-	0.00398	mg/Kg		11/07/22 13:38	11/08/22 13:11	1
o-Xylene	<0.00199	U	0.00199	mg/Kg		11/07/22 13:38	11/08/22 13:11	1
Xylenes, Total	<0.00398	U	0.00398	mg/Kg		11/07/22 13:38	11/08/22 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/07/22 13:38*	*11/08/22 13:11*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*11/07/22 13:38*	*11/08/22 13:11*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398	mg/Kg			11/08/22 13:59	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/07/22 11:56	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-104 4.1'

Lab Sample ID: 890-3365-3
Matrix: Solid
Date Collected: 11/02/22 09:04
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/04/22 13:31	11/05/22 13:52	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/04/22 13:31	11/05/22 13:52	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/04/22 13:31	11/05/22 13:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*11/04/22 13:31*	*11/05/22 13:52*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*11/04/22 13:31*	*11/05/22 13:52*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**61.2**		5.00		mg/Kg			11/04/22 22:56	1

Client Sample ID: C-105 4.1'

Lab Sample ID: 890-3365-4
Matrix: Solid
Date Collected: 11/02/22 09:06
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/07/22 13:38	11/08/22 13:32	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/07/22 13:38	11/08/22 13:32	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/07/22 13:38	11/08/22 13:32	1
m,p-Xylenes	<0.00402	U *-	0.00402		mg/Kg		11/07/22 13:38	11/08/22 13:32	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/07/22 13:38	11/08/22 13:32	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/07/22 13:38	11/08/22 13:32	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*11/07/22 13:38*	*11/08/22 13:32*	*1*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*11/07/22 13:38*	*11/08/22 13:32*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			11/09/22 11:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/07/22 11:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 14:13	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 14:13	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*95*		*70 - 130*	*11/04/22 13:31*	*11/05/22 14:13*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*11/04/22 13:31*	*11/05/22 14:13*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-105 4.1'

Lab Sample ID: 890-3365-4
Matrix: Solid
Date Collected: 11/02/22 09:06
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	145		5.05		mg/Kg			11/04/22 23:01	1

Client Sample ID: C-127 4.1

Lab Sample ID: 890-3365-5
Matrix: Solid
Date Collected: 11/02/22 10:30
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 13:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 13:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 13:53	1
m,p-Xylenes	<0.00399	U *-	0.00399		mg/Kg		11/07/22 13:38	11/08/22 13:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 13:53	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/07/22 13:38	11/08/22 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*11/07/22 13:38*	*11/08/22 13:53*	*1*
1,4-Difluorobenzene (Surr)	*105*		*70 - 130*	*11/07/22 13:38*	*11/08/22 13:53*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/09/22 11:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/07/22 11:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 14:35	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 14:35	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 14:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*93*		*70 - 130*	*11/04/22 13:31*	*11/05/22 14:35*	*1*
o-Terphenyl (Surr)	*95*		*70 - 130*	*11/04/22 13:31*	*11/05/22 14:35*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	126		5.00		mg/Kg			11/04/22 23:06	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-128 4.1'

Lab Sample ID: 890-3365-6
Matrix: Solid
Date Collected: 11/02/22 10:32
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		11/07/22 13:38	11/08/22 14:13	1
Toluene	<0.00199	U	0.00199		mg/Kg		11/07/22 13:38	11/08/22 14:13	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		11/07/22 13:38	11/08/22 14:13	1
m,p-Xylenes	<0.00398	U *-	0.00398		mg/Kg		11/07/22 13:38	11/08/22 14:13	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		11/07/22 13:38	11/08/22 14:13	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		11/07/22 13:38	11/08/22 14:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*105*		*70 - 130*	*11/07/22 13:38*	*11/08/22 14:13*	*1*
1,4-Difluorobenzene (Surr)	*106*		*70 - 130*	*11/07/22 13:38*	*11/08/22 14:13*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			11/09/22 11:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/07/22 11:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 14:56	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 14:56	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 14:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*94*		*70 - 130*	*11/04/22 13:31*	*11/05/22 14:56*	*1*
o-Terphenyl (Surr)	*96*		*70 - 130*	*11/04/22 13:31*	*11/05/22 14:56*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**172**		4.99		mg/Kg			11/04/22 23:11	1

Client Sample ID: C-130 4.1'

Lab Sample ID: 890-3365-7
Matrix: Solid
Date Collected: 11/02/22 10:34
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		11/07/22 13:38	11/08/22 14:34	1
Toluene	<0.00201	U	0.00201		mg/Kg		11/07/22 13:38	11/08/22 14:34	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		11/07/22 13:38	11/08/22 14:34	1
m,p-Xylenes	<0.00402	U *-	0.00402		mg/Kg		11/07/22 13:38	11/08/22 14:34	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		11/07/22 13:38	11/08/22 14:34	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		11/07/22 13:38	11/08/22 14:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*	*11/07/22 13:38*	*11/08/22 14:34*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-130 4.1'

Lab Sample ID: 890-3365-7
Matrix: Solid
Date Collected: 11/02/22 10:34
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*	*11/07/22 13:38*	*11/08/22 14:34*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			11/09/22 11:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			11/07/22 11:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		11/04/22 13:31	11/05/22 15:18	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/04/22 13:31	11/05/22 15:18	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/04/22 13:31	11/05/22 15:18	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane (Surr)	*113*		*70 - 130*	*11/04/22 13:31*	*11/05/22 15:18*	*1*
o-Terphenyl (Surr)	*113*		*70 - 130*	*11/04/22 13:31*	*11/05/22 15:18*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**105**		4.95	mg/Kg			11/04/22 23:16	1

Client Sample ID: C-133 4.1'

Lab Sample ID: 890-3365-8
Matrix: Solid
Date Collected: 11/02/22 10:36
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201	mg/Kg		11/07/22 13:38	11/08/22 14:55	1
Toluene	<0.00201	U	0.00201	mg/Kg		11/07/22 13:38	11/08/22 14:55	1
Ethylbenzene	<0.00201	U	0.00201	mg/Kg		11/07/22 13:38	11/08/22 14:55	1
m,p-Xylenes	<0.00402	U *-	0.00402	mg/Kg		11/07/22 13:38	11/08/22 14:55	1
o-Xylene	<0.00201	U	0.00201	mg/Kg		11/07/22 13:38	11/08/22 14:55	1
Xylenes, Total	<0.00402	U	0.00402	mg/Kg		11/07/22 13:38	11/08/22 14:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	*106*		*70 - 130*	*11/07/22 13:38*	*11/08/22 14:55*	*1*
1,4-Difluorobenzene (Surr)	*115*		*70 - 130*	*11/07/22 13:38*	*11/08/22 14:55*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402	mg/Kg			11/09/22 11:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9	mg/Kg			11/07/22 11:56	1

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-133 4.1'

Lab Sample ID: 890-3365-8
Matrix: Solid
Date Collected: 11/02/22 10:36
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		11/04/22 13:31	11/05/22 15:39	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		11/04/22 13:31	11/05/22 15:39	1
Oil Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		11/04/22 13:31	11/05/22 15:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*87*		*70 - 130*	*11/04/22 13:31*	*11/05/22 15:39*	*1*
o-Terphenyl (Surr)	*91*		*70 - 130*	*11/04/22 13:31*	*11/05/22 15:39*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**46.3**		4.95		mg/Kg			11/04/22 23:21	1

Client Sample ID: C-134 4.1'

Lab Sample ID: 890-3365-9
Matrix: Solid
Date Collected: 11/02/22 10:38
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 16:36	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 16:36	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 16:36	1
m,p-Xylenes	<0.00399	U *-	0.00399		mg/Kg		11/07/22 13:38	11/08/22 16:36	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 16:36	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		11/07/22 13:38	11/08/22 16:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 130*	*11/07/22 13:38*	*11/08/22 16:36*	*1*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*	*11/07/22 13:38*	*11/08/22 16:36*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			11/09/22 11:15	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			11/07/22 11:56	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 16:00	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 16:00	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		11/04/22 13:31	11/05/22 16:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*109*		*70 - 130*	*11/04/22 13:31*	*11/05/22 16:00*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*11/04/22 13:31*	*11/05/22 16:00*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-134 4.1'
Date Collected: 11/02/22 10:38
Date Received: 11/02/22 14:52
Sample Depth: 4.1'

Lab Sample ID: 890-3365-9
Matrix: Solid

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	55.8		5.03		mg/Kg			11/04/22 23:26	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

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)
890-3365-1	C-41 0-2'	100	97
890-3365-1 MS	C-41 0-2'	112	95
890-3365-1 MSD	C-41 0-2'	110	99
890-3365-2	C-88 4.1'	97	94
890-3365-3	C-104 4.1'	103	108
890-3365-4	C-105 4.1'	103	113
890-3365-5	C-127 4.1	99	105
890-3365-6	C-128 4.1'	105	106
890-3365-7	C-130 4.1'	109	113
890-3365-8	C-133 4.1'	106	115
890-3365-9	C-134 4.1'	99	97
LCS 880-38880/1-A	Lab Control Sample	81	109
LCS 880-38955/1-A	Lab Control Sample	103	98
LCSD 880-38880/2-A	Lab Control Sample Dup	76	111
LCSD 880-38955/2-A	Lab Control Sample Dup	117	93
MB 880-38880/5-A	Method Blank	94	100
MB 880-38955/5-A	Method Blank	89	101

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)
890-3365-1	C-41 0-2'	95	90
890-3365-1 MS	C-41 0-2'	85	68 S1-
890-3365-1 MSD	C-41 0-2'	90	72
890-3365-2	C-88 4.1'	87	90
890-3365-3	C-104 4.1'	94	96
890-3365-4	C-105 4.1'	95	96
890-3365-5	C-127 4.1	93	95
890-3365-6	C-128 4.1'	94	96
890-3365-7	C-130 4.1'	113	113
890-3365-8	C-133 4.1'	87	91
890-3365-9	C-134 4.1'	109	110
LCS 880-38740/2-A	Lab Control Sample	107	94
LCSD 880-38740/3-A	Lab Control Sample Dup	97	93
MB 880-38740/1-A	Method Blank	113	110

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-38880/5-A
Matrix: Solid
Analysis Batch: 38952

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38880

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 11:27	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 11:27	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 11:27	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/07/22 13:38	11/08/22 11:27	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/07/22 13:38	11/08/22 11:27	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/07/22 13:38	11/08/22 11:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*94*		*70 - 130*	*11/07/22 13:38*	*11/08/22 11:27*	*1*
1,4-Difluorobenzene (Surr)	*100*		*70 - 130*	*11/07/22 13:38*	*11/08/22 11:27*	*1*

Lab Sample ID: LCS 880-38880/1-A
Matrix: Solid
Analysis Batch: 38952

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38880

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.08714		mg/Kg		87	70 - 130		
Toluene			0.100	0.08461		mg/Kg		85	70 - 130		
Ethylbenzene			0.100	0.07985		mg/Kg		80	70 - 130		
m,p-Xylenes			0.200	0.1502		mg/Kg		75	70 - 130		
o-Xylene			0.100	0.08524		mg/Kg		85	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*81*		*70 - 130*
1,4-Difluorobenzene (Surr)	*109*		*70 - 130*

Lab Sample ID: LCSD 880-38880/2-A
Matrix: Solid
Analysis Batch: 38952

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 38880

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.08516		mg/Kg		85	70 - 130	2	35
Toluene			0.100	0.08180		mg/Kg		82	70 - 130	3	35
Ethylbenzene			0.100	0.07487		mg/Kg		75	70 - 130	6	35
m,p-Xylenes			0.200	0.1363	*-	mg/Kg		68	70 - 130	10	35
o-Xylene			0.100	0.07730		mg/Kg		77	70 - 130	10	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*76*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Lab Sample ID: MB 880-38955/5-A
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38955

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 15:18	1
Toluene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 15:18	1

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QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: MB 880-38955/5-A
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38955

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 15:18	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		11/08/22 09:37	11/08/22 15:18	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		11/08/22 09:37	11/08/22 15:18	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		11/08/22 09:37	11/08/22 15:18	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*89*		*70 - 130*	*11/08/22 09:37*	*11/08/22 15:18*	*1*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*11/08/22 09:37*	*11/08/22 15:18*	*1*

Lab Sample ID: LCS 880-38955/1-A
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38955

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.1011		mg/Kg		101	70 - 130		
Toluene			0.100	0.1069		mg/Kg		107	70 - 130		
Ethylbenzene			0.100	0.1046		mg/Kg		105	70 - 130		
m,p-Xylenes			0.200	0.1828		mg/Kg		91	70 - 130		
o-Xylene			0.100	0.08892		mg/Kg		89	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*

Lab Sample ID: LCSD 880-38955/2-A
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 38955

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09513		mg/Kg		95	70 - 130	6	35
Toluene			0.100	0.1148		mg/Kg		115	70 - 130	7	35
Ethylbenzene			0.100	0.1150		mg/Kg		115	70 - 130	9	35
m,p-Xylenes			0.200	0.2054		mg/Kg		103	70 - 130	12	35
o-Xylene			0.100	0.09971		mg/Kg		100	70 - 130	11	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*117*		*70 - 130*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*

Lab Sample ID: 890-3365-1 MS
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: C-41 0-2'
Prep Type: Total/NA
Prep Batch: 38955

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene	<0.00198	U	0.0998	0.08920		mg/Kg		89	70 - 130		
Toluene	<0.00198	U	0.0998	0.09927		mg/Kg		99	70 - 130		
Ethylbenzene	<0.00198	U	0.0998	0.09604		mg/Kg		96	70 - 130		
m,p-Xylenes	<0.00396	U	0.200	0.1663		mg/Kg		83	70 - 130		

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 890-3365-1 MS
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: C-41 0-2'
Prep Type: Total/NA
Prep Batch: 38955

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
o-Xylene	<0.00198	U	0.0998	0.08380		mg/Kg		84	70 - 130

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*112*		*70 - 130*
1,4-Difluorobenzene (Surr)	*95*		*70 - 130*

Lab Sample ID: 890-3365-1 MSD
Matrix: Solid
Analysis Batch: 38954

Client Sample ID: C-41 0-2'
Prep Type: Total/NA
Prep Batch: 38955

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	<0.00198	U	0.100	0.08572		mg/Kg		86	70 - 130	4	35
Toluene	<0.00198	U	0.100	0.09057		mg/Kg		90	70 - 130	9	35
Ethylbenzene	<0.00198	U	0.100	0.08131		mg/Kg		81	70 - 130	17	35
m,p-Xylenes	<0.00396	U	0.200	0.1397		mg/Kg		70	70 - 130	17	35
o-Xylene	<0.00198	U	0.100	0.07177		mg/Kg		72	70 - 130	15	35

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*110*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-38740/1-A
Matrix: Solid
Analysis Batch: 38768

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 38740

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		11/04/22 13:31	11/05/22 09:47	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		11/04/22 13:31	11/05/22 09:47	1
Oil Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		11/04/22 13:31	11/05/22 09:47	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*113*		*70 - 130*	*11/04/22 13:31*	*11/05/22 09:47*	*1*
o-Terphenyl (Surr)	*110*		*70 - 130*	*11/04/22 13:31*	*11/05/22 09:47*	*1*

Lab Sample ID: LCS 880-38740/2-A
Matrix: Solid
Analysis Batch: 38768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38740

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	1186		mg/Kg		119	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1062		mg/Kg		106	70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCS 880-38740/2-A
Matrix: Solid
Analysis Batch: 38768

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 38740

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane (Surr)	107		70 - 130
o-Terphenyl (Surr)	94		70 - 130

Lab Sample ID: LCSD 880-38740/3-A
Matrix: Solid
Analysis Batch: 38768

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 38740

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1179		mg/Kg		118	70 - 130	1	20
Diesel Range Organics (Over C10-C28)			1000	1050		mg/Kg		105	70 - 130	1	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	97		70 - 130
o-Terphenyl (Surr)	93		70 - 130

Lab Sample ID: 890-3365-1 MS
Matrix: Solid
Analysis Batch: 38768

Client Sample ID: C-41 0-2'
Prep Type: Total/NA
Prep Batch: 38740

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	997	775.3		mg/Kg		78	70 - 130
Diesel Range Organics (Over C10-C28)	<50.0	U	997	783.9		mg/Kg		76	70 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1-Chlorooctane (Surr)	85		70 - 130
o-Terphenyl (Surr)	68	S1-	70 - 130

Lab Sample ID: 890-3365-1 MSD
Matrix: Solid
Analysis Batch: 38768

Client Sample ID: C-41 0-2'
Prep Type: Total/NA
Prep Batch: 38740

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	999	890.9		mg/Kg		89	70 - 130	14	20
Diesel Range Organics (Over C10-C28)	<50.0	U	999	837.5		mg/Kg		81	70 - 130	7	20

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1-Chlorooctane (Surr)	90		70 - 130
o-Terphenyl (Surr)	72		70 - 130

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-38610/1-A
Matrix: Solid
Analysis Batch: 38766

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			11/04/22 20:57	1

Lab Sample ID: LCS 880-38610/2-A
Matrix: Solid
Analysis Batch: 38766

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	260.1		mg/Kg		104	90 - 110		

Lab Sample ID: LCSD 880-38610/3-A
Matrix: Solid
Analysis Batch: 38766

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride			250	253.5		mg/Kg		101	90 - 110	3	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

GC VOA

Prep Batch: 38880

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-3	C-104 4.1'	Total/NA	Solid	5035	
890-3365-4	C-105 4.1'	Total/NA	Solid	5035	
890-3365-5	C-127 4.1	Total/NA	Solid	5035	
890-3365-6	C-128 4.1'	Total/NA	Solid	5035	
890-3365-7	C-130 4.1'	Total/NA	Solid	5035	
890-3365-8	C-133 4.1'	Total/NA	Solid	5035	
890-3365-9	C-134 4.1'	Total/NA	Solid	5035	
MB 880-38880/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-38880/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38880/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 38952

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-3	C-104 4.1'	Total/NA	Solid	8021B	38880
890-3365-4	C-105 4.1'	Total/NA	Solid	8021B	38880
890-3365-5	C-127 4.1	Total/NA	Solid	8021B	38880
890-3365-6	C-128 4.1'	Total/NA	Solid	8021B	38880
890-3365-7	C-130 4.1'	Total/NA	Solid	8021B	38880
890-3365-8	C-133 4.1'	Total/NA	Solid	8021B	38880
890-3365-9	C-134 4.1'	Total/NA	Solid	8021B	38880
MB 880-38880/5-A	Method Blank	Total/NA	Solid	8021B	38880
LCS 880-38880/1-A	Lab Control Sample	Total/NA	Solid	8021B	38880
LCSD 880-38880/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38880

Analysis Batch: 38954

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-1	C-41 0-2'	Total/NA	Solid	8021B	38955
890-3365-2	C-88 4.1'	Total/NA	Solid	8021B	38955
MB 880-38955/5-A	Method Blank	Total/NA	Solid	8021B	38955
LCS 880-38955/1-A	Lab Control Sample	Total/NA	Solid	8021B	38955
LCSD 880-38955/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	38955
890-3365-1 MS	C-41 0-2'	Total/NA	Solid	8021B	38955
890-3365-1 MSD	C-41 0-2'	Total/NA	Solid	8021B	38955

Prep Batch: 38955

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-1	C-41 0-2'	Total/NA	Solid	5035	
890-3365-2	C-88 4.1'	Total/NA	Solid	5035	
MB 880-38955/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-38955/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-38955/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	
890-3365-1 MS	C-41 0-2'	Total/NA	Solid	5035	
890-3365-1 MSD	C-41 0-2'	Total/NA	Solid	5035	

Analysis Batch: 39015

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-1	C-41 0-2'	Total/NA	Solid	Total BTEX	
890-3365-2	C-88 4.1'	Total/NA	Solid	Total BTEX	
890-3365-3	C-104 4.1'	Total/NA	Solid	Total BTEX	
890-3365-4	C-105 4.1'	Total/NA	Solid	Total BTEX	
890-3365-5	C-127 4.1	Total/NA	Solid	Total BTEX	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

GC VOA (Continued)

Analysis Batch: 39015 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-6	C-128 4.1'	Total/NA	Solid	Total BTEX	
890-3365-7	C-130 4.1'	Total/NA	Solid	Total BTEX	
890-3365-8	C-133 4.1'	Total/NA	Solid	Total BTEX	
890-3365-9	C-134 4.1'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 38740

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-1	C-41 0-2'	Total/NA	Solid	8015NM Prep	
890-3365-2	C-88 4.1'	Total/NA	Solid	8015NM Prep	
890-3365-3	C-104 4.1'	Total/NA	Solid	8015NM Prep	
890-3365-4	C-105 4.1'	Total/NA	Solid	8015NM Prep	
890-3365-5	C-127 4.1	Total/NA	Solid	8015NM Prep	
890-3365-6	C-128 4.1'	Total/NA	Solid	8015NM Prep	
890-3365-7	C-130 4.1'	Total/NA	Solid	8015NM Prep	
890-3365-8	C-133 4.1'	Total/NA	Solid	8015NM Prep	
890-3365-9	C-134 4.1'	Total/NA	Solid	8015NM Prep	
MB 880-38740/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-38740/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-38740/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	
890-3365-1 MS	C-41 0-2'	Total/NA	Solid	8015NM Prep	
890-3365-1 MSD	C-41 0-2'	Total/NA	Solid	8015NM Prep	

Analysis Batch: 38768

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-1	C-41 0-2'	Total/NA	Solid	8015B NM	38740
890-3365-2	C-88 4.1'	Total/NA	Solid	8015B NM	38740
890-3365-3	C-104 4.1'	Total/NA	Solid	8015B NM	38740
890-3365-4	C-105 4.1'	Total/NA	Solid	8015B NM	38740
890-3365-5	C-127 4.1	Total/NA	Solid	8015B NM	38740
890-3365-6	C-128 4.1'	Total/NA	Solid	8015B NM	38740
890-3365-7	C-130 4.1'	Total/NA	Solid	8015B NM	38740
890-3365-8	C-133 4.1'	Total/NA	Solid	8015B NM	38740
890-3365-9	C-134 4.1'	Total/NA	Solid	8015B NM	38740
MB 880-38740/1-A	Method Blank	Total/NA	Solid	8015B NM	38740
LCS 880-38740/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	38740
LCSD 880-38740/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	38740
890-3365-1 MS	C-41 0-2'	Total/NA	Solid	8015B NM	38740
890-3365-1 MSD	C-41 0-2'	Total/NA	Solid	8015B NM	38740

Analysis Batch: 38873

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-1	C-41 0-2'	Total/NA	Solid	8015 NM	
890-3365-2	C-88 4.1'	Total/NA	Solid	8015 NM	
890-3365-3	C-104 4.1'	Total/NA	Solid	8015 NM	
890-3365-4	C-105 4.1'	Total/NA	Solid	8015 NM	
890-3365-5	C-127 4.1	Total/NA	Solid	8015 NM	
890-3365-6	C-128 4.1'	Total/NA	Solid	8015 NM	
890-3365-7	C-130 4.1'	Total/NA	Solid	8015 NM	
890-3365-8	C-133 4.1'	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 38873 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-9	C-134 4.1'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 38610

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-1	C-41 0-2'	Soluble	Solid	DI Leach	
890-3365-2	C-88 4.1'	Soluble	Solid	DI Leach	
890-3365-3	C-104 4.1'	Soluble	Solid	DI Leach	
890-3365-4	C-105 4.1'	Soluble	Solid	DI Leach	
890-3365-5	C-127 4.1	Soluble	Solid	DI Leach	
890-3365-6	C-128 4.1'	Soluble	Solid	DI Leach	
890-3365-7	C-130 4.1'	Soluble	Solid	DI Leach	
890-3365-8	C-133 4.1'	Soluble	Solid	DI Leach	
890-3365-9	C-134 4.1'	Soluble	Solid	DI Leach	
MB 880-38610/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-38610/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-38610/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 38766

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3365-1	C-41 0-2'	Soluble	Solid	300.0	38610
890-3365-2	C-88 4.1'	Soluble	Solid	300.0	38610
890-3365-3	C-104 4.1'	Soluble	Solid	300.0	38610
890-3365-4	C-105 4.1'	Soluble	Solid	300.0	38610
890-3365-5	C-127 4.1	Soluble	Solid	300.0	38610
890-3365-6	C-128 4.1'	Soluble	Solid	300.0	38610
890-3365-7	C-130 4.1'	Soluble	Solid	300.0	38610
890-3365-8	C-133 4.1'	Soluble	Solid	300.0	38610
890-3365-9	C-134 4.1'	Soluble	Solid	300.0	38610
MB 880-38610/1-A	Method Blank	Soluble	Solid	300.0	38610
LCS 880-38610/2-A	Lab Control Sample	Soluble	Solid	300.0	38610
LCSD 880-38610/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	38610

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-41 0-2'
Date Collected: 11/02/22 09:00
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-1
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			5.05 g	5 mL	38955	11/08/22 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38954	11/08/22 15:47	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39015	11/09/22 11:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38873	11/07/22 11:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38740	11/04/22 13:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38768	11/05/22 12:24	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 22:36	CH	EET MID

Client Sample ID: C-88 4.1'
Date Collected: 11/02/22 09:02
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38955	11/08/22 09:37	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38954	11/08/22 16:07	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39015	11/09/22 11:32	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38873	11/07/22 11:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	38740	11/04/22 13:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38768	11/05/22 13:30	SM	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 22:41	CH	EET MID

Client Sample ID: C-104 4.1'
Date Collected: 11/02/22 09:04
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38880	11/07/22 13:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38952	11/08/22 13:11	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39015	11/08/22 13:59	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38873	11/07/22 11:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38740	11/04/22 13:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38768	11/05/22 13:52	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 22:56	CH	EET MID

Client Sample ID: C-105 4.1'
Date Collected: 11/02/22 09:06
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-4
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	38880	11/07/22 13:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38952	11/08/22 13:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39015	11/09/22 11:15	AJ	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-105 4.1'
Date Collected: 11/02/22 09:06
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-4
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			38873	11/07/22 11:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38740	11/04/22 13:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38768	11/05/22 14:13	SM	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 23:01	CH	EET MID

Client Sample ID: C-127 4.1
Date Collected: 11/02/22 10:30
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-5
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			5.01 g	5 mL	38880	11/07/22 13:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38952	11/08/22 13:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39015	11/09/22 11:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38873	11/07/22 11:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	38740	11/04/22 13:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38768	11/05/22 14:35	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 23:06	CH	EET MID

Client Sample ID: C-128 4.1'
Date Collected: 11/02/22 10:32
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.03 g	5 mL	38880	11/07/22 13:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38952	11/08/22 14:13	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39015	11/09/22 11:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38873	11/07/22 11:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38740	11/04/22 13:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38768	11/05/22 14:56	SM	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 23:11	CH	EET MID

Client Sample ID: C-130 4.1'
Date Collected: 11/02/22 10:34
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.97 g	5 mL	38880	11/07/22 13:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38952	11/08/22 14:34	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39015	11/09/22 11:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38873	11/07/22 11:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38740	11/04/22 13:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38768	11/05/22 15:18	SM	EET MID

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Client Sample ID: C-130 4.1'

Date Collected: 11/02/22 10:34
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.05 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 23:16	CH	EET MID

Client Sample ID: C-133 4.1'

Date Collected: 11/02/22 10:36
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-8
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.98 g	5 mL	38880	11/07/22 13:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38952	11/08/22 14:55	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39015	11/09/22 11:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38873	11/07/22 11:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	38740	11/04/22 13:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38768	11/05/22 15:39	SM	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 23:21	CH	EET MID

Client Sample ID: C-134 4.1'

Date Collected: 11/02/22 10:38
Date Received: 11/02/22 14:52

Lab Sample ID: 890-3365-9
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	38880	11/07/22 13:38	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	38952	11/08/22 16:36	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			39015	11/09/22 11:15	AJ	EET MID
Total/NA	Analysis	8015 NM		1			38873	11/07/22 11:56	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	38740	11/04/22 13:31	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	38768	11/05/22 16:00	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	38610	11/03/22 10:30	CH	EET MID
Soluble	Analysis	300.0		1			38766	11/04/22 23:26	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 890-3365-1
Project/Site: Turkey Tract SDG: 22-0104-02

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: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3365-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3365-1	C-41 0-2'	Solid	11/02/22 09:00	11/02/22 14:52	0-2'
890-3365-2	C-88 4.1'	Solid	11/02/22 09:02	11/02/22 14:52	4.1'
890-3365-3	C-104 4.1'	Solid	11/02/22 09:04	11/02/22 14:52	4.1'
890-3365-4	C-105 4.1'	Solid	11/02/22 09:06	11/02/22 14:52	4.1'
890-3365-5	C-127 4.1	Solid	11/02/22 10:30	11/02/22 14:52	4.1'
890-3365-6	C-128 4.1'	Solid	11/02/22 10:32	11/02/22 14:52	4.1'
890-3365-7	C-130 4.1'	Solid	11/02/22 10:34	11/02/22 14:52	4.1'
890-3365-8	C-133 4.1'	Solid	11/02/22 10:36	11/02/22 14:52	4.1'
890-3365-9	C-134 4.1'	Solid	11/02/22 10:38	11/02/22 14:52	4.1'

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No. 2779

CHAIN-OF-CUSTODY

11/9/2022

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

Data Reported to:

DATE: 11/2/2022 PAGE 1 OF 1

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: TURKEY TRACT

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

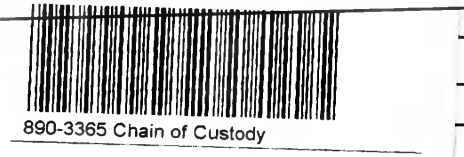
TRRP report? ☐ Yes ☒ No

S=SOIL P=PAINT
W=WATER SL=SLUDGE
A=AIR OT=OTHER

TIME ZONE: Time zone/State: MNT / NM

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO_3	H_2SO_4	NaOH ☐	ICE	UNPRESSERVED	ANALYSES: BTEX ☒ MTBE ☐	TRPH 418.1 ☐ TPH 1005 ☐ TPH 1006 ☐	GASOLINE MOD 8015 ☒	DIESEL - MOD 8015 ☒	OIL - MOD 8015 ☐	VOC 8260 ☐	SVOC 8270 ☐ PAH 8270 ☐ HOLDPAH ☐	8081 PESTICIDES ☐ 8151 HERBICIDES ☐	8082 PCBS ☐	TCLP - METALS (RCRA) ☐ TCLP VOC ☐	TCLP - PEST ☐ HERB ☐ Semi-VOC ☐	TOTAL METALS (RCRA) ☐ OTHER LIST ☐	LEAD - TOTAL ☐ D.W. 200.8 ☐ TCLP ☐	RCI ☐ TOX ☐ FLASHPOINT ☐	TDS ☐ TSS ☐ % MOISTURE ☐ CYANIDE ☐	pH ☐ HEXAVALENT CHROMIUM ☐	EXPLOSIVES ☐ PECHLORATE ☐	CHLORIDE ☒ ANIONS ☐ ALKALINITY ☐	FIELD NOTES
C-41 0-2'		11/2/22	0900	S	1					X		X		X	X	X														X	
C-88 4.1'		11/2/22	0902	S	1					X		X		X	X	X														X	
C-104 4.1'		11/2/22	0904	S	1					X		X		X	X	X														X	
C-105 4.1		11/2/22	0906	S	1					X		X		X	X	X														X	
C-127 4.1		11/2/22	1030	S	1					X		X		X	X	X														X	
C-128 4.1		11/2/22	1032	S	1					X		X		X	X	X														X	
C-130 4.1		11/2/22	1034	S	1					X		X		X	X	X														X	
C-133 4.1		11/2/22	1036	S	1					X		X		X	X	X														X	
C-134 4.1		11/2/22	1038	S	1					X		X		X	X	X														X	

TOTAL 9



RELINQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
DSG	11/2/22 1452	
Amanda Stuff	11/2/22 1452	

LABORATORY: Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY: -0.2
RECEIVING TEMP: 2.0/1.8 THERM#: TAM-007
CUSTODY SEALS - ☐ BROKEN ☐ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

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Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3365-1
SDG Number: 22-0104-02

Login Number: 3365
List Number: 1
Creator: Stutzman, Amanda

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3365-1
SDG Number: 22-0104-02

Login Number: 3365
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 11/04/22 10:22 AM

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Generated 12/19/2022 4:38:17 PM

JOB DESCRIPTION

Turkey Tract
SDG NUMBER 22-0104-02

JOB NUMBER

890-3583-1

Eurofins Carlsbad
1089 N Canal St.
Carlsbad NM 88220

See page two for job notes and contact information.

Released to Imaging: 3/18/2023 2:46:41 PM

my EOL

Eurofins Carlsbad

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Holly Taylor

Generated
12/19/2022 4:38:17 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 890-3583-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 890-3583-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

Job ID: 890-3583-1

Laboratory: Eurofins Carlsbad

Narrative

Job Narrative
890-3583-1

Receipt
The samples were received on 12/6/2022 3:24 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 3.6°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: C-231 4.1' (890-3583-1), C-239 4.1 (890-3583-2) and C-264 4.1 (890-3583-3).

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-41383 and analytical batch 880-41511 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: C-231 4.1' (890-3583-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

Client Sample ID: C-231 4.1'

Date Collected: 12/06/22 11:40
Date Received: 12/06/22 15:24
Sample Depth: 4.1

Lab Sample ID: 890-3583-1

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00199	U	0.00199		mg/Kg		12/15/22 14:55	12/17/22 00:09	1
Toluene	<0.00199	U	0.00199		mg/Kg		12/15/22 14:55	12/17/22 00:09	1
Ethylbenzene	<0.00199	U	0.00199		mg/Kg		12/15/22 14:55	12/17/22 00:09	1
m,p-Xylenes	<0.00398	U	0.00398		mg/Kg		12/15/22 14:55	12/17/22 00:09	1
o-Xylene	<0.00199	U	0.00199		mg/Kg		12/15/22 14:55	12/17/22 00:09	1
Xylenes, Total	<0.00398	U	0.00398		mg/Kg		12/15/22 14:55	12/17/22 00:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*108*		*70 - 130*	*12/15/22 14:55*	*12/17/22 00:09*	*1*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*	*12/15/22 14:55*	*12/17/22 00:09*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00398	U	0.00398		mg/Kg			12/19/22 16:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<49.9	U	49.9		mg/Kg			12/12/22 10:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<49.9	U	49.9		mg/Kg		12/08/22 14:20	12/10/22 18:55	1
Diesel Range Organics (Over C10-C28)	<49.9	U	49.9		mg/Kg		12/08/22 14:20	12/10/22 18:55	1
OII Range Organics (Over C28-C36)	<49.9	U	49.9		mg/Kg		12/08/22 14:20	12/10/22 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*118*		*70 - 130*	*12/08/22 14:20*	*12/10/22 18:55*	*1*
o-Terphenyl (Surr)	*132*	*S1+*	*70 - 130*	*12/08/22 14:20*	*12/10/22 18:55*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**320**		5.00		mg/Kg			12/14/22 08:03	1

Client Sample ID: C-239 4.1

Date Collected: 12/06/22 11:50
Date Received: 12/06/22 15:24
Sample Depth: 4.1

Lab Sample ID: 890-3583-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00198	U	0.00198		mg/Kg		12/15/22 14:55	12/17/22 00:30	1
Toluene	<0.00198	U	0.00198		mg/Kg		12/15/22 14:55	12/17/22 00:30	1
Ethylbenzene	<0.00198	U	0.00198		mg/Kg		12/15/22 14:55	12/17/22 00:30	1
m,p-Xylenes	<0.00397	U	0.00397		mg/Kg		12/15/22 14:55	12/17/22 00:30	1
o-Xylene	<0.00198	U	0.00198		mg/Kg		12/15/22 14:55	12/17/22 00:30	1
Xylenes, Total	<0.00397	U	0.00397		mg/Kg		12/15/22 14:55	12/17/22 00:30	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*	*12/15/22 14:55*	*12/17/22 00:30*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

Client Sample ID: C-239 4.1

Date Collected: 12/06/22 11:50
Date Received: 12/06/22 15:24
Sample Depth: 4.1

Lab Sample ID: 890-3583-2

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,4-Difluorobenzene (Surr)	*101*		*70 - 130*	*12/15/22 14:55*	*12/17/22 00:30*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00397	U	0.00397	mg/Kg			12/19/22 16:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			12/12/22 10:03	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0	mg/Kg		12/08/22 14:20	12/10/22 19:16	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0	mg/Kg		12/08/22 14:20	12/10/22 19:16	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0	mg/Kg		12/08/22 14:20	12/10/22 19:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*110*		*70 - 130*	*12/08/22 14:20*	*12/10/22 19:16*	*1*
o-Terphenyl (Surr)	*124*		*70 - 130*	*12/08/22 14:20*	*12/10/22 19:16*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**151**		5.04	mg/Kg			12/14/22 08:25	1

Client Sample ID: C-264 4.1

Date Collected: 12/06/22 12:10
Date Received: 12/06/22 15:24
Sample Depth: 4.1

Lab Sample ID: 890-3583-3

Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200	mg/Kg		12/15/22 14:55	12/17/22 00:51	1
Toluene	<0.00200	U	0.00200	mg/Kg		12/15/22 14:55	12/17/22 00:51	1
Ethylbenzene	<0.00200	U	0.00200	mg/Kg		12/15/22 14:55	12/17/22 00:51	1
m,p-Xylenes	<0.00401	U	0.00401	mg/Kg		12/15/22 14:55	12/17/22 00:51	1
o-Xylene	<0.00200	U	0.00200	mg/Kg		12/15/22 14:55	12/17/22 00:51	1
Xylenes, Total	<0.00401	U	0.00401	mg/Kg		12/15/22 14:55	12/17/22 00:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*118*		*70 - 130*	*12/15/22 14:55*	*12/17/22 00:51*	*1*
1,4-Difluorobenzene (Surr)	*98*		*70 - 130*	*12/15/22 14:55*	*12/17/22 00:51*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00401	U	0.00401	mg/Kg			12/19/22 16:21	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0	mg/Kg			12/12/22 10:03	1

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

Client Sample ID: C-264 4.1

Date Collected: 12/06/22 12:10
Date Received: 12/06/22 15:24
Sample Depth: 4.1

Lab Sample ID: 890-3583-3

Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/08/22 14:20	12/10/22 19:36	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/22 14:20	12/10/22 19:36	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/22 14:20	12/10/22 19:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*111*		*70 - 130*	*12/08/22 14:20*	*12/10/22 19:36*	*1*
o-Terphenyl (Surr)	*123*		*70 - 130*	*12/08/22 14:20*	*12/10/22 19:36*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**187**		5.03		mg/Kg			12/14/22 08:32	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		BFB1	DFBZ1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
890-3583-1	C-231 4.1'	108	99										
890-3583-2	C-239 4.1	114	101										
890-3583-3	C-264 4.1	118	98										
LCS 880-41938/1-A	Lab Control Sample	96	99										
LCSD 880-41938/2-A	Lab Control Sample Dup	90	97										
MB 880-41899/5-A	Method Blank	102	87										
MB 880-41938/5-A	Method Blank	92	93										

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)											
		1CO1	OTPH1										
Lab Sample ID	Client Sample ID	(70-130)	(70-130)										
890-3583-1	C-231 4.1'	118	132 S1+										
890-3583-2	C-239 4.1	110	124										
890-3583-3	C-264 4.1	111	123										
LCS 880-41383/2-A	Lab Control Sample	111	116										
LCSD 880-41383/3-A	Lab Control Sample Dup	110	114										
MB 880-41383/1-A	Method Blank	127	185 S1+										

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-41899/5-A
Matrix: Solid
Analysis Batch: 41993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41899

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/22 10:18	12/16/22 10:53	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/22 10:18	12/16/22 10:53	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/22 10:18	12/16/22 10:53	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/15/22 10:18	12/16/22 10:53	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/22 10:18	12/16/22 10:53	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/15/22 10:18	12/16/22 10:53	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*102*		*70 - 130*	*12/15/22 10:18*	*12/16/22 10:53*	*1*
1,4-Difluorobenzene (Surr)	*87*		*70 - 130*	*12/15/22 10:18*	*12/16/22 10:53*	*1*

Lab Sample ID: MB 880-41938/5-A
Matrix: Solid
Analysis Batch: 41993

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41938

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/22 14:55	12/16/22 22:04	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/22 14:55	12/16/22 22:04	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/22 14:55	12/16/22 22:04	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/15/22 14:55	12/16/22 22:04	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/22 14:55	12/16/22 22:04	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/15/22 14:55	12/16/22 22:04	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*92*		*70 - 130*	*12/15/22 14:55*	*12/16/22 22:04*	*1*
1,4-Difluorobenzene (Surr)	*93*		*70 - 130*	*12/15/22 14:55*	*12/16/22 22:04*	*1*

Lab Sample ID: LCS 880-41938/1-A
Matrix: Solid
Analysis Batch: 41993

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41938

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09576		mg/Kg		96	70 - 130		
Toluene			0.100	0.08860		mg/Kg		89	70 - 130		
Ethylbenzene			0.100	0.08429		mg/Kg		84	70 - 130		
m,p-Xylenes			0.200	0.1814		mg/Kg		91	70 - 130		
o-Xylene			0.100	0.09253		mg/Kg		93	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*96*		*70 - 130*
1,4-Difluorobenzene (Surr)	*99*		*70 - 130*

Lab Sample ID: LCSD 880-41938/2-A
Matrix: Solid
Analysis Batch: 41993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41938

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.09194		mg/Kg		92	70 - 130	4	35

Eurofins Carlsbad

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-41938/2-A
Matrix: Solid
Analysis Batch: 41993

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41938

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.08473		mg/Kg		85	70 - 130	4	35
Ethylbenzene			0.100	0.07875		mg/Kg		79	70 - 130	7	35
m,p-Xylenes			0.200	0.1684		mg/Kg		84	70 - 130	7	35
o-Xylene			0.100	0.08556		mg/Kg		86	70 - 130	8	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*90*		*70 - 130*
1,4-Difluorobenzene (Surr)	*97*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-41383/1-A
Matrix: Solid
Analysis Batch: 41511

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41383

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/08/22 14:20	12/10/22 09:21	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/22 14:20	12/10/22 09:21	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/22 14:20	12/10/22 09:21	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*127*		*70 - 130*	*12/08/22 14:20*	*12/10/22 09:21*	*1*
o-Terphenyl (Surr)	*185*	*S1+*	*70 - 130*	*12/08/22 14:20*	*12/10/22 09:21*	*1*

Lab Sample ID: LCS 880-41383/2-A
Matrix: Solid
Analysis Batch: 41511

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41383

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Gasoline Range Organics (GRO)-C6-C10			1000	972.8		mg/Kg		97	70 - 130		
Diesel Range Organics (Over C10-C28)			1000	1081		mg/Kg		108	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*111*		*70 - 130*
o-Terphenyl (Surr)	*116*		*70 - 130*

Lab Sample ID: LCSD 880-41383/3-A
Matrix: Solid
Analysis Batch: 41511

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41383

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	993.9		mg/Kg		99	70 - 130	2	20
Diesel Range Organics (Over C10-C28)			1000	1099		mg/Kg		110	70 - 130	2	20

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-41383/3-A
Matrix: Solid
Analysis Batch: 41511

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41383

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	110		70 - 130
o-Terphenyl (Surr)	114		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-41366/1-A
Matrix: Solid
Analysis Batch: 41730

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			12/14/22 07:42	1

Lab Sample ID: LCS 880-41366/2-A
Matrix: Solid
Analysis Batch: 41730

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	245.5		mg/Kg		98	90 - 110		

Lab Sample ID: LCSD 880-41366/3-A
Matrix: Solid
Analysis Batch: 41730

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	248.9		mg/Kg		100	90 - 110	1	20

Lab Sample ID: 890-3583-1 MS
Matrix: Solid
Analysis Batch: 41730

Client Sample ID: C-231 4.1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride	320		250	545.2		mg/Kg		90	90 - 110		

Lab Sample ID: 890-3583-1 MSD
Matrix: Solid
Analysis Batch: 41730

Client Sample ID: C-231 4.1'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	320		250	557.1		mg/Kg		95	90 - 110	2	20

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

GC VOA

Prep Batch: 41899

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-41899/5-A	Method Blank	Total/NA	Solid	5035	

Prep Batch: 41938

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3583-1	C-231 4.1'	Total/NA	Solid	5035	
890-3583-2	C-239 4.1	Total/NA	Solid	5035	
890-3583-3	C-264 4.1	Total/NA	Solid	5035	
MB 880-41938/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-41938/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-41938/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 41993

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3583-1	C-231 4.1'	Total/NA	Solid	8021B	41938
890-3583-2	C-239 4.1	Total/NA	Solid	8021B	41938
890-3583-3	C-264 4.1	Total/NA	Solid	8021B	41938
MB 880-41899/5-A	Method Blank	Total/NA	Solid	8021B	41899
MB 880-41938/5-A	Method Blank	Total/NA	Solid	8021B	41938
LCS 880-41938/1-A	Lab Control Sample	Total/NA	Solid	8021B	41938
LCSD 880-41938/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	41938

Analysis Batch: 42241

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3583-1	C-231 4.1'	Total/NA	Solid	Total BTEX	
890-3583-2	C-239 4.1	Total/NA	Solid	Total BTEX	
890-3583-3	C-264 4.1	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 41383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3583-1	C-231 4.1'	Total/NA	Solid	8015NM Prep	
890-3583-2	C-239 4.1	Total/NA	Solid	8015NM Prep	
890-3583-3	C-264 4.1	Total/NA	Solid	8015NM Prep	
MB 880-41383/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-41383/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-41383/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 41511

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3583-1	C-231 4.1'	Total/NA	Solid	8015B NM	41383
890-3583-2	C-239 4.1	Total/NA	Solid	8015B NM	41383
890-3583-3	C-264 4.1	Total/NA	Solid	8015B NM	41383
MB 880-41383/1-A	Method Blank	Total/NA	Solid	8015B NM	41383
LCS 880-41383/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	41383
LCSD 880-41383/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	41383

Analysis Batch: 41602

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3583-1	C-231 4.1'	Total/NA	Solid	8015 NM	
890-3583-2	C-239 4.1	Total/NA	Solid	8015 NM	

QC Association Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

GC Semi VOA (Continued)

Analysis Batch: 41602 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3583-3	C-264 4.1	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 41366

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3583-1	C-231 4.1'	Soluble	Solid	DI Leach	
890-3583-2	C-239 4.1	Soluble	Solid	DI Leach	
890-3583-3	C-264 4.1	Soluble	Solid	DI Leach	
MB 880-41366/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-41366/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-41366/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
890-3583-1 MS	C-231 4.1'	Soluble	Solid	DI Leach	
890-3583-1 MSD	C-231 4.1'	Soluble	Solid	DI Leach	

Analysis Batch: 41730

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
890-3583-1	C-231 4.1'	Soluble	Solid	300.0	41366
890-3583-2	C-239 4.1	Soluble	Solid	300.0	41366
890-3583-3	C-264 4.1	Soluble	Solid	300.0	41366
MB 880-41366/1-A	Method Blank	Soluble	Solid	300.0	41366
LCS 880-41366/2-A	Lab Control Sample	Soluble	Solid	300.0	41366
LCSD 880-41366/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	41366
890-3583-1 MS	C-231 4.1'	Soluble	Solid	300.0	41366
890-3583-1 MSD	C-231 4.1'	Soluble	Solid	300.0	41366

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

Client Sample ID: C-231 4.1'

Date Collected: 12/06/22 11:40
Date Received: 12/06/22 15:24

Lab Sample ID: 890-3583-1
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			5.03 g	5 mL	41938	12/15/22 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41993	12/17/22 00:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42241	12/19/22 16:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			41602	12/12/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	41383	12/08/22 14:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41511	12/10/22 18:55	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	41366	12/08/22 12:15	KS	EET MID
Soluble	Analysis	300.0		1			41730	12/14/22 08:03	CH	EET MID

Client Sample ID: C-239 4.1

Date Collected: 12/06/22 11:50
Date Received: 12/06/22 15:24

Lab Sample ID: 890-3583-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.04 g	5 mL	41938	12/15/22 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41993	12/17/22 00:30	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42241	12/19/22 16:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			41602	12/12/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41383	12/08/22 14:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41511	12/10/22 19:16	SM	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	41366	12/08/22 12:15	KS	EET MID
Soluble	Analysis	300.0		1			41730	12/14/22 08:25	CH	EET MID

Client Sample ID: C-264 4.1

Date Collected: 12/06/22 12:10
Date Received: 12/06/22 15:24

Lab Sample ID: 890-3583-3
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	41938	12/15/22 14:55	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41993	12/17/22 00:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42241	12/19/22 16:21	SM	EET MID
Total/NA	Analysis	8015 NM		1			41602	12/12/22 10:03	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41383	12/08/22 14:20	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41511	12/10/22 19:36	SM	EET MID
Soluble	Leach	DI Leach			4.97 g	50 mL	41366	12/08/22 12:15	KS	EET MID
Soluble	Analysis	300.0		1			41730	12/14/22 08:32	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 890-3583-1
Project/Site: Turkey Tract SDG: 22-0104-02

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. Job ID: 890-3583-1
Project/Site: Turkey Tract SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 890-3583-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Depth
890-3583-1	C-231 4.1'	Solid	12/06/22 11:40	12/06/22 15:24	4.1
890-3583-2	C-239 4.1	Solid	12/06/22 11:50	12/06/22 15:24	4.1
890-3583-3	C-264 4.1	Solid	12/06/22 12:10	12/06/22 15:24	4.1

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No. 2785

CHAIN-OF-CUSTODY

arson & ssociates, Inc.
Environmental Consultants

507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE: 12/6/2022 PAGE 1 OF 1

PO#: _____ LAB WORK ORDER#: _____

PROJECT LOCATION OR NAME: TURKEY TRACT

LAI PROJECT #: 22-0104-02 COLLECTOR: DSG

a Reported to:

RRP report? Yes ☒ No

TIME ZONE: ne zone/State: NT / NM

S=SOIL W=WATER A=AIR P=PAINT SL=SLUDGE OT=OTHER

Field Sample I.D.	Lab #	Date	Time	Matrix	# of Containers	PRESERVATION: HCl	HNO3	H2SO4 ❑ 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 ☐	TSS ☐	FLASHPOINT ☐	pH ☐	% MOISTURE ☐	HEXAVALENT CHROMIUM ☐	CYANIDE ☐	EXPLOSIVES ☐	PECHLORATE ☐	CHLORIDE ☒	ANIONS ☐	ALKALINITY ☐	FIELD NOTES
231 4.1'		12/6/22	1140	S	1				X		X			X	X	X																										X			
239 4.1'		12/6/22	1150	S	1				X		X			X	X	X																										X			
264 4.1'		12/6/22	1210	S	1				X		X			X	X	X																										X			

890-3583 Chain of Custody

TAL 3

QUISHED BY:(Signature)	DATE/TIME 12/6/22 1514	RECEIVED BY: (Signature)
QUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)
NQUISHED BY:(Signature)	DATE/TIME	RECEIVED BY: (Signature)

BORATORY: Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ❑
2 DAY ❑
OTHER ❑

LABORATORY USE ONLY: Tracer -002
RECEIVING TEMP: 6.0 6.2 THERM#: _____
CUSTODY SEALS - ❑ BROKEN ❑ INTACT ❑ NOT USED
❑ CARRIER BILL # _____
❑ HAND DELIVERED

Received by OCD: 1/19/2023 8:31:56 AM

Released to Imaging: 5/18/2023 2:46:41 PM

12/19/2022

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3583-1
SDG Number: 22-0104-02

Login Number: 3583
List Number: 1
Creator: Clifton, Cloe

List Source: Eurofins Carlsbad

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
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.	N/A	Refer to Job Narrative for details.
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	

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 890-3583-1
SDG Number: 22-0104-02

Login Number: 3583
List Number: 2
Creator: Rodriguez, Leticia

List Source: Eurofins Midland
List Creation: 12/08/22 11:44 AM

Question	Answer	Comment
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Mark J Larson
Larson & Associates, Inc.
507 N Marienfeld
Suite 202
Midland, Texas 79701

Generated 12/19/2022 4:42:58 PM

JOB DESCRIPTION

Turkey Tract
SDG NUMBER 22-0104-02

JOB NUMBER

880-22497-1

Eurofins Midland
1211 W. Florida Ave
Midland TX 79701

See page two for job notes and contact information.

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my EOL

Eurofins Midland

Job Notes

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization

Holly Taylor

Generated
12/19/2022 4:42:58 PM

Authorized for release by
Holly Taylor, Project Manager
Holly.Taylor@et.eurofinsus.com
(806)794-1296

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Laboratory Job ID: 880-22497-1
SDG: 22-0104-02

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Definitions/Glossary

Client: Larson & Associates, Inc. Job ID: 880-22497-1
Project/Site: Turkey Tract SDG: 22-0104-02

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

Qualifier	Qualifier Description
S1+	Surrogate recovery exceeds control limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Case Narrative

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-22497-1
SDG: 22-0104-02

Job ID: 880-22497-1

Laboratory: Eurofins Midland

Narrative

Job Narrative
880-22497-1

Receipt
The samples were received on 12/8/2022 2:40 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 3.6°C

Receipt Exceptions
The following samples were received and analyzed from an unpreserved bulk soil jar: C-168 0-4.1 (880-22497-1) and C-257 0-3.5 (880-22497-2).

GC VOA
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC Semi VOA
Method 8015MOD_NM: The surrogate recovery for the blank associated with preparation batch 880-41386 and analytical batch 880-41561 was outside the upper control limits.

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: C-168 0-4.1 (880-22497-1). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

HPLC/IC
No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

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Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-22497-1
SDG: 22-0104-02

Client Sample ID: C-168 0-4.1

Lab Sample ID: 880-22497-1
Matrix: Solid
Date Collected: 12/07/22 11:15
Date Received: 12/08/22 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00201	U	0.00201		mg/Kg		12/16/22 14:05	12/18/22 03:05	1
Toluene	<0.00201	U	0.00201		mg/Kg		12/16/22 14:05	12/18/22 03:05	1
Ethylbenzene	<0.00201	U	0.00201		mg/Kg		12/16/22 14:05	12/18/22 03:05	1
m,p-Xylenes	<0.00402	U	0.00402		mg/Kg		12/16/22 14:05	12/18/22 03:05	1
o-Xylene	<0.00201	U	0.00201		mg/Kg		12/16/22 14:05	12/18/22 03:05	1
Xylenes, Total	<0.00402	U	0.00402		mg/Kg		12/16/22 14:05	12/18/22 03:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*103*		*70 - 130*	*12/16/22 14:05*	*12/18/22 03:05*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*12/16/22 14:05*	*12/18/22 03:05*	*1*

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00402	U	0.00402		mg/Kg			12/19/22 17:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/13/22 09:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/08/22 15:23	12/12/22 18:34	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/22 15:23	12/12/22 18:34	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/22 15:23	12/12/22 18:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*117*		*70 - 130*	*12/08/22 15:23*	*12/12/22 18:34*	*1*
o-Terphenyl (Surr)	*131*	*S1+*	*70 - 130*	*12/08/22 15:23*	*12/12/22 18:34*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**44.3**		5.01		mg/Kg			12/14/22 11:22	1

Client Sample ID: C-257 0-3.5

Lab Sample ID: 880-22497-2
Matrix: Solid
Date Collected: 12/07/22 15:00
Date Received: 12/08/22 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/22 14:05	12/18/22 03:26	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/22 14:05	12/18/22 03:26	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/22 14:05	12/18/22 03:26	1
m,p-Xylenes	<0.00399	U	0.00399		mg/Kg		12/16/22 14:05	12/18/22 03:26	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/22 14:05	12/18/22 03:26	1
Xylenes, Total	<0.00399	U	0.00399		mg/Kg		12/16/22 14:05	12/18/22 03:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*101*		*70 - 130*	*12/16/22 14:05*	*12/18/22 03:26*	*1*
1,4-Difluorobenzene (Surr)	*107*		*70 - 130*	*12/16/22 14:05*	*12/18/22 03:26*	*1*

Client Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-22497-1
SDG: 22-0104-02

Client Sample ID: C-257 0-3.5

Date Collected: 12/07/22 15:00
Date Received: 12/08/22 14:40

Lab Sample ID: 880-22497-2

Matrix: Solid

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00399	U	0.00399		mg/Kg			12/19/22 17:14	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	<50.0	U	50.0		mg/Kg			12/13/22 09:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/08/22 15:23	12/12/22 18:54	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/22 15:23	12/12/22 18:54	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/22 15:23	12/12/22 18:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*112*		*70 - 130*	*12/08/22 15:23*	*12/12/22 18:54*	*1*
o-Terphenyl (Surr)	*125*		*70 - 130*	*12/08/22 15:23*	*12/12/22 18:54*	*1*

Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Chloride	**67.0**		5.00		mg/Kg			12/14/22 11:29	1

Surrogate Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-22497-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)	
		BFB1	DFBZ1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-22497-1	C-168 0-4.1	103	102
880-22497-2	C-257 0-3.5	101	107
LCS 880-42044/1-A	Lab Control Sample	114	113
LCSD 880-42044/2-A	Lab Control Sample Dup	109	111
MB 880-41920/5-A	Method Blank	84	108
MB 880-42044/5-A	Method Blank	80	102

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)	
		1CO1	OTPH1
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
880-22497-1	C-168 0-4.1	117	131 S1+
880-22497-2	C-257 0-3.5	112	125
LCS 880-41386/2-A	Lab Control Sample	103	107
LCSD 880-41386/3-A	Lab Control Sample Dup	111	118
MB 880-41386/1-A	Method Blank	136 S1+	197 S1+

Surrogate Legend

1CO = 1-Chlorooctane (Surr)
OTPH = o-Terphenyl (Surr)

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-22497-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-41920/5-A
Matrix: Solid
Analysis Batch: 41992

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41920

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/15/22 13:33	12/17/22 08:38	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/15/22 13:33	12/17/22 08:38	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/15/22 13:33	12/17/22 08:38	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/15/22 13:33	12/17/22 08:38	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/15/22 13:33	12/17/22 08:38	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/15/22 13:33	12/17/22 08:38	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*84*		*70 - 130*	*12/15/22 13:33*	*12/17/22 08:38*	*1*
1,4-Difluorobenzene (Surr)	*108*		*70 - 130*	*12/15/22 13:33*	*12/17/22 08:38*	*1*

Lab Sample ID: MB 880-42044/5-A
Matrix: Solid
Analysis Batch: 41992

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 42044

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00200	U	0.00200		mg/Kg		12/16/22 14:05	12/17/22 20:15	1
Toluene	<0.00200	U	0.00200		mg/Kg		12/16/22 14:05	12/17/22 20:15	1
Ethylbenzene	<0.00200	U	0.00200		mg/Kg		12/16/22 14:05	12/17/22 20:15	1
m,p-Xylenes	<0.00400	U	0.00400		mg/Kg		12/16/22 14:05	12/17/22 20:15	1
o-Xylene	<0.00200	U	0.00200		mg/Kg		12/16/22 14:05	12/17/22 20:15	1
Xylenes, Total	<0.00400	U	0.00400		mg/Kg		12/16/22 14:05	12/17/22 20:15	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*80*		*70 - 130*	*12/16/22 14:05*	*12/17/22 20:15*	*1*
1,4-Difluorobenzene (Surr)	*102*		*70 - 130*	*12/16/22 14:05*	*12/17/22 20:15*	*1*

Lab Sample ID: LCS 880-42044/1-A
Matrix: Solid
Analysis Batch: 41992

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 42044

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Benzene			0.100	0.09625		mg/Kg		96	70 - 130		
Toluene			0.100	0.09337		mg/Kg		93	70 - 130		
Ethylbenzene			0.100	0.1014		mg/Kg		101	70 - 130		
m,p-Xylenes			0.200	0.2077		mg/Kg		104	70 - 130		
o-Xylene			0.100	0.1063		mg/Kg		106	70 - 130		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*114*		*70 - 130*
1,4-Difluorobenzene (Surr)	*113*		*70 - 130*

Lab Sample ID: LCSD 880-42044/2-A
Matrix: Solid
Analysis Batch: 41992

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 42044

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene			0.100	0.1053		mg/Kg		105	70 - 130	9	35

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-22497-1
SDG: 22-0104-02

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCSD 880-42044/2-A
Matrix: Solid
Analysis Batch: 41992

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 42044

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Toluene			0.100	0.09676		mg/Kg		97	70 - 130	4	35
Ethylbenzene			0.100	0.1025		mg/Kg		103	70 - 130	1	35
m,p-Xylenes			0.200	0.2063		mg/Kg		103	70 - 130	1	35
o-Xylene			0.100	0.1044		mg/Kg		104	70 - 130	2	35

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
4-Bromofluorobenzene (Surr)	*109*		*70 - 130*
1,4-Difluorobenzene (Surr)	*111*		*70 - 130*

Method: 8015B NM - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 880-41386/1-A
Matrix: Solid
Analysis Batch: 41561

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 41386

Analyte	MB Result	MB Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<50.0	U	50.0		mg/Kg		12/08/22 15:23	12/12/22 08:40	1
Diesel Range Organics (Over C10-C28)	<50.0	U	50.0		mg/Kg		12/08/22 15:23	12/12/22 08:40	1
OII Range Organics (Over C28-C36)	<50.0	U	50.0		mg/Kg		12/08/22 15:23	12/12/22 08:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1-Chlorooctane (Surr)	*136*	*S1+*	*70 - 130*	*12/08/22 15:23*	*12/12/22 08:40*	*1*
o-Terphenyl (Surr)	*197*	*S1+*	*70 - 130*	*12/08/22 15:23*	*12/12/22 08:40*	*1*

Lab Sample ID: LCS 880-41386/2-A
Matrix: Solid
Analysis Batch: 41561

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 41386

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10			1000	948.1		mg/Kg		95	70 - 130
Diesel Range Organics (Over C10-C28)			1000	1070		mg/Kg		107	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1-Chlorooctane (Surr)	*103*		*70 - 130*
o-Terphenyl (Surr)	*107*		*70 - 130*

Lab Sample ID: LCSD 880-41386/3-A
Matrix: Solid
Analysis Batch: 41561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41386

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10			1000	1111		mg/Kg		111	70 - 130	16	20
Diesel Range Organics (Over C10-C28)			1000	1206		mg/Kg		121	70 - 130	12	20

Eurofins Midland

QC Sample Results

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-22497-1
SDG: 22-0104-02

Method: 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: LCSD 880-41386/3-A
Matrix: Solid
Analysis Batch: 41561

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 41386

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane (Surr)	111		70 - 130
o-Terphenyl (Surr)	118		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-41471/1-A
Matrix: Solid
Analysis Batch: 41738

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			12/14/22 08:09	1

Lab Sample ID: LCS 880-41471/2-A
Matrix: Solid
Analysis Batch: 41738

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits		
Chloride			250	254.3		mg/Kg		102	90 - 110		

Lab Sample ID: LCSD 880-41471/3-A
Matrix: Solid
Analysis Batch: 41738

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	268.2		mg/Kg		107	90 - 110	5	20

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 880-22497-1
Project/Site: Turkey Tract SDG: 22-0104-02

GC VOA

Prep Batch: 41920

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-41920/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 41992

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22497-1	C-168 0-4.1	Total/NA	Solid	8021B	42044
880-22497-2	C-257 0-3.5	Total/NA	Solid	8021B	42044
MB 880-41920/5-A	Method Blank	Total/NA	Solid	8021B	41920
MB 880-42044/5-A	Method Blank	Total/NA	Solid	8021B	42044
LCS 880-42044/1-A	Lab Control Sample	Total/NA	Solid	8021B	42044
LCSD 880-42044/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	42044

Prep Batch: 42044

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22497-1	C-168 0-4.1	Total/NA	Solid	5035	
880-22497-2	C-257 0-3.5	Total/NA	Solid	5035	
MB 880-42044/5-A	Method Blank	Total/NA	Solid	5035	
LCS 880-42044/1-A	Lab Control Sample	Total/NA	Solid	5035	
LCSD 880-42044/2-A	Lab Control Sample Dup	Total/NA	Solid	5035	

Analysis Batch: 42267

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22497-1	C-168 0-4.1	Total/NA	Solid	Total BTEX	
880-22497-2	C-257 0-3.5	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 41386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22497-1	C-168 0-4.1	Total/NA	Solid	8015NM Prep	
880-22497-2	C-257 0-3.5	Total/NA	Solid	8015NM Prep	
MB 880-41386/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-41386/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-41386/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 41561

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22497-1	C-168 0-4.1	Total/NA	Solid	8015B NM	41386
880-22497-2	C-257 0-3.5	Total/NA	Solid	8015B NM	41386
MB 880-41386/1-A	Method Blank	Total/NA	Solid	8015B NM	41386
LCS 880-41386/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	41386
LCSD 880-41386/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	41386

Analysis Batch: 41710

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22497-1	C-168 0-4.1	Total/NA	Solid	8015 NM	
880-22497-2	C-257 0-3.5	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 41471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22497-1	C-168 0-4.1	Soluble	Solid	DI Leach	

QC Association Summary

Client: Larson & Associates, Inc. Job ID: 880-22497-1
Project/Site: Turkey Tract SDG: 22-0104-02

HPLC/IC (Continued)

Leach Batch: 41471 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22497-2	C-257 0-3.5	Soluble	Solid	DI Leach	
MB 880-41471/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-41471/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-41471/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 41738

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-22497-1	C-168 0-4.1	Soluble	Solid	300.0	41471
880-22497-2	C-257 0-3.5	Soluble	Solid	300.0	41471
MB 880-41471/1-A	Method Blank	Soluble	Solid	300.0	41471
LCS 880-41471/2-A	Lab Control Sample	Soluble	Solid	300.0	41471
LCSD 880-41471/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	41471

Lab Chronicle

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-22497-1
SDG: 22-0104-02

Client Sample ID: C-168 0-4.1

Date Collected: 12/07/22 11:15
Date Received: 12/08/22 14:40

Lab Sample ID: 880-22497-1

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			4.97 g	5 mL	42044	12/16/22 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41992	12/18/22 03:05	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42267	12/19/22 17:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			41710	12/13/22 09:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.00 g	10 mL	41386	12/08/22 15:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41561	12/12/22 18:34	SM	EET MID
Soluble	Leach	DI Leach			4.99 g	50 mL	41471	12/09/22 13:16	KS	EET MID
Soluble	Analysis	300.0		1			41738	12/14/22 11:22	CH	EET MID

Client Sample ID: C-257 0-3.5

Date Collected: 12/07/22 15:00
Date Received: 12/08/22 14:40

Lab Sample ID: 880-22497-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.01 g	5 mL	42044	12/16/22 14:05	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	41992	12/18/22 03:26	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			42267	12/19/22 17:14	SM	EET MID
Total/NA	Analysis	8015 NM		1			41710	12/13/22 09:37	SM	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	41386	12/08/22 15:23	DM	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	41561	12/12/22 18:54	SM	EET MID
Soluble	Leach	DI Leach			5 g	50 mL	41471	12/09/22 13:16	KS	EET MID
Soluble	Analysis	300.0		1			41738	12/14/22 11:29	CH	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Larson & Associates, Inc. Job ID: 880-22497-1
Project/Site: Turkey Tract SDG: 22-0104-02

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. Job ID: 880-22497-1
Project/Site: Turkey Tract SDG: 22-0104-02

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	MCAWW	EET MID
5035	Closed System Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

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:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Sample Summary

Client: Larson & Associates, Inc.
Project/Site: Turkey Tract

Job ID: 880-22497-1
SDG: 22-0104-02

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
880-22497-1	C-168 0-4.1	Solid	12/07/22 11:15	12/08/22 14:40
880-22497-2	C-257 0-3.5	Solid	12/07/22 15:00	12/08/22 14:40

Released to Imaging: 5/18/2023 2:46:41 PM
Received by OCD: 1/19/2023 8:31:56 AM

22497 No. 2786

CHAIN-OF-CUSTODY

Larson & Associates, Inc.
Environmental Consultants
507 N. Marienfeld, Ste. 202
Midland, TX 79701
432-687-0901

DATE 12/7/2022 PAGE 1 OF 1
PO# _____ LAB WORK ORDER# _____
PROJECT LOCATION OR NAME TURKEY TRACT
LAI PROJECT #: 22-0104-02 COLLECTOR DSG

Data Reported to

TRRP report? ☐ Yes ☒ No

TIME ZONE
Time zone/State: MNT/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 ☐ | 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
C-168 0-4'		12/7/22	1115	S	1				X		X	202
C-257 0-3'		12/7/22	1500	S	1				X		X	

TOTAL 2

RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
Daniel Sifuentes	12/8/22 1440	
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)
RELINQUISHED BY (Signature)	DATE/TIME	RECEIVED BY (Signature)

LABORATORY Xenco

TURN AROUND TIME
NORMAL ☒
1 DAY ☐
2 DAY ☐
OTHER ☐

LABORATORY USE ONLY:
RECEIVING TEMP 4.6/4.3 THERM# IR2 286
CUSTODY SEALS - ☐ BROKEN ☒ INTACT ☐ NOT USED
☐ CARRIER BILL # _____
☐ HAND DELIVERED

880-22497 Chain of Custody

Login Sample Receipt Checklist

Client: Larson & Associates, Inc.

Job Number: 880-22497-1
SDG Number: 22-0104-02

Login Number: 22497
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

Photographic Documentation



Crude oil in the pasture, viewing to the northeast.



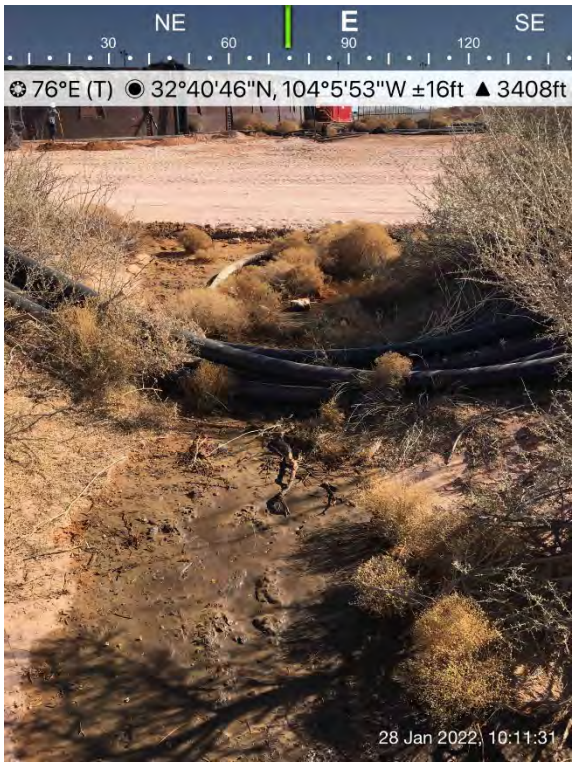
Crude oil in pasture near flow lines, viewing to the east.



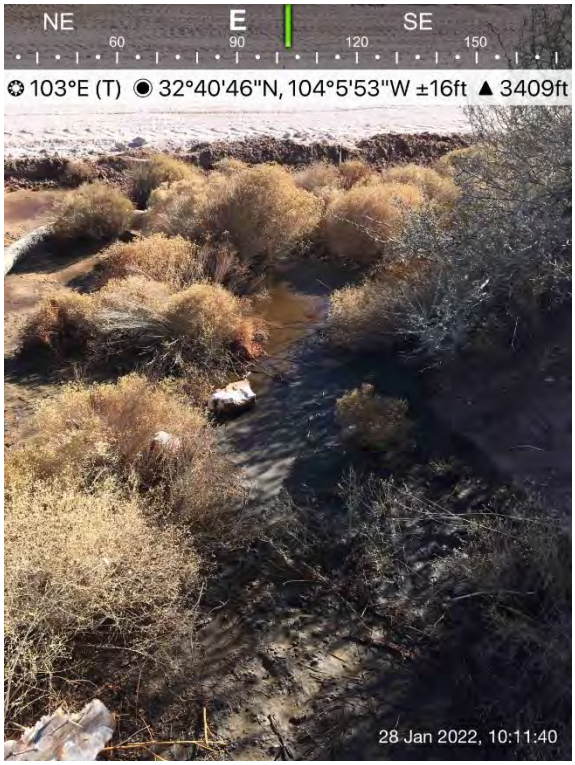
Crude oil in pasture near flow lines, viewing to the east.



Crude oil in pasture, viewing to the east.



Crude oil in pasture near flow lines, viewing to the east.



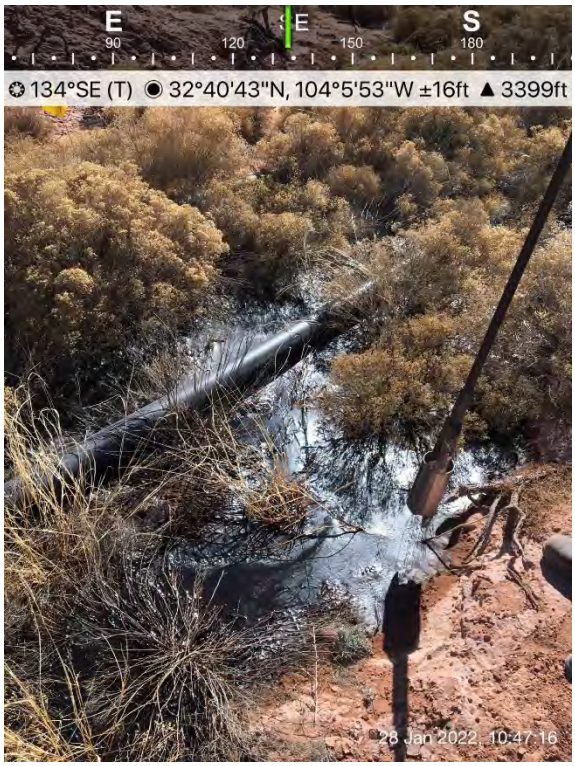
Crude oil in pasture near road, viewing to the east.



Crude oil in pasture near road, viewing to the east.



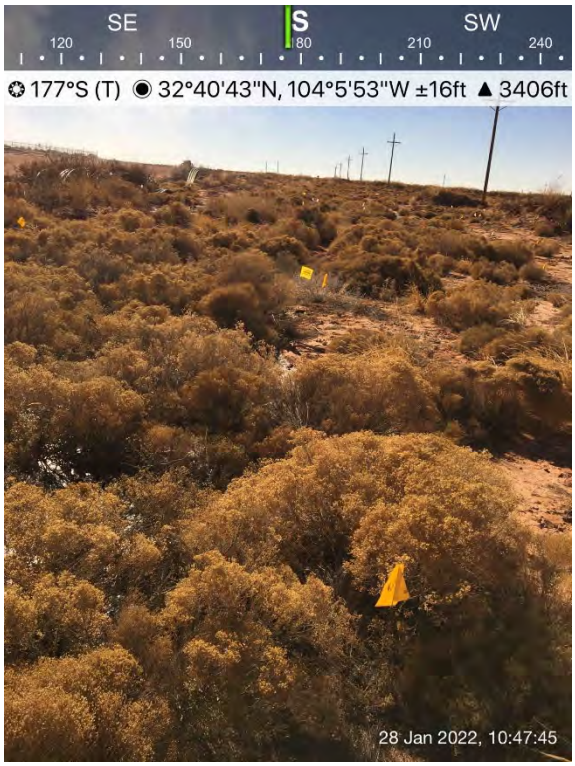
Crude oil staining in the pasture, viewing to the southeast.



Standing crude oil in pasture near a flow line, viewing to the southeast.



Standing crude oil in pasture near a flow line, viewing to the southeast.



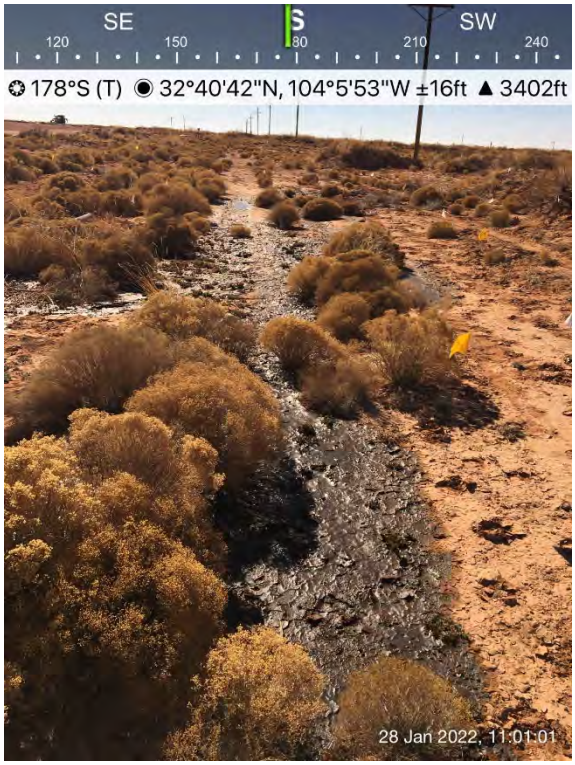
Crude oil in pasture, beneath vegetation. Viewing to the south.



Crude oil in pasture, viewing to the northeast.



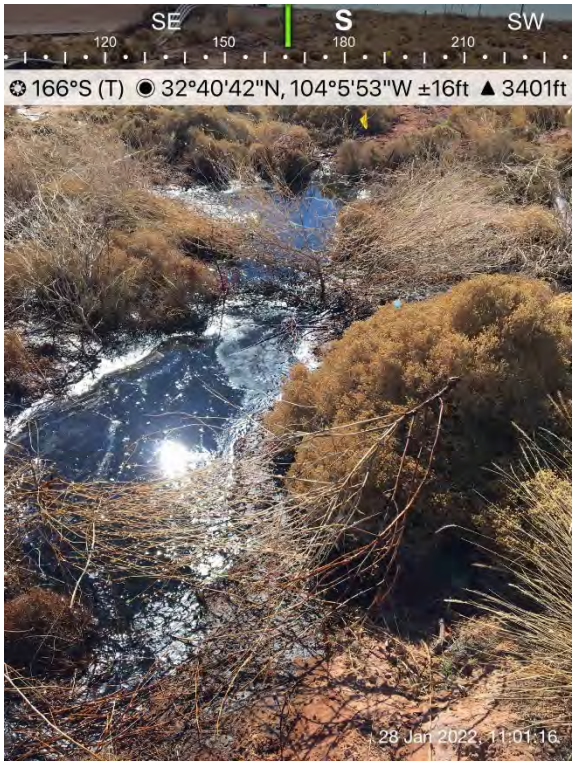
Crude oil in pasture, viewing slightly east of north.



Crude oil in pasture, viewing to the south.



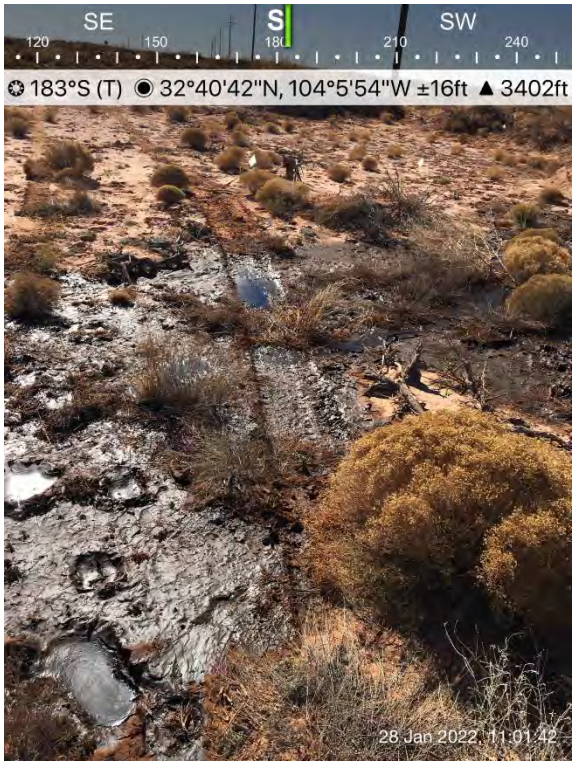
Standing crude oil in pasture, viewing to the east.



Standing crude oil in pasture, viewing to the south.



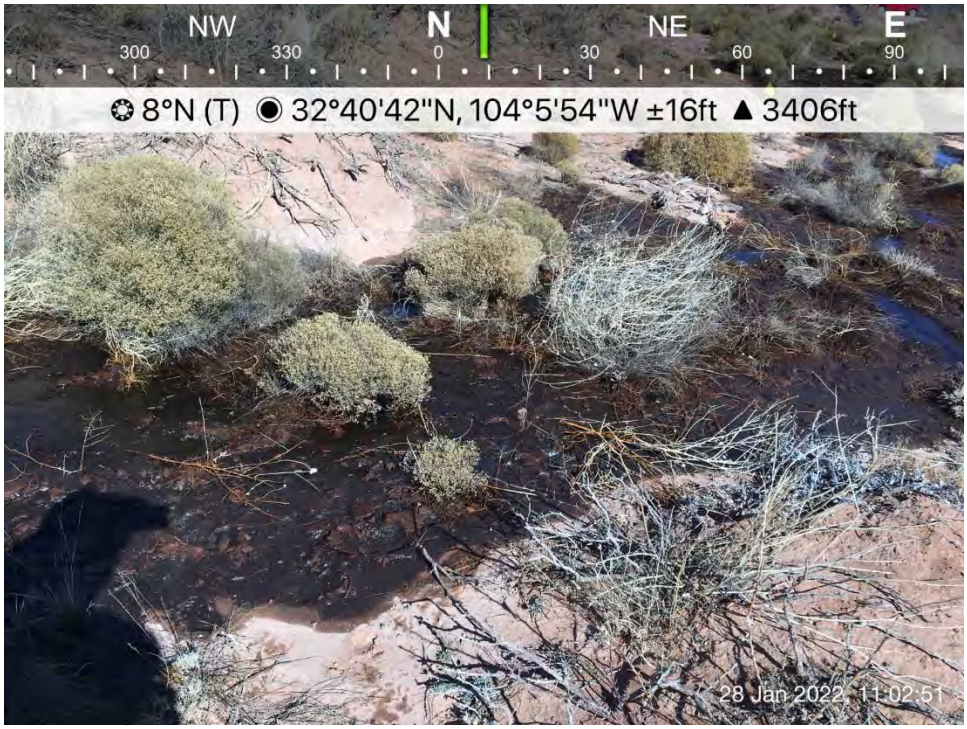
Crude oil staining in pasture, viewing to the southeast.



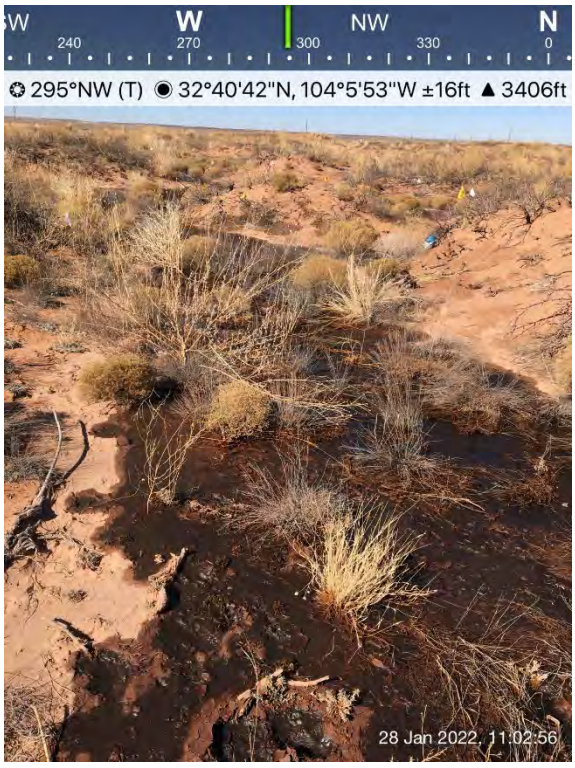
Crude oil staining in pasture, viewing to the south.



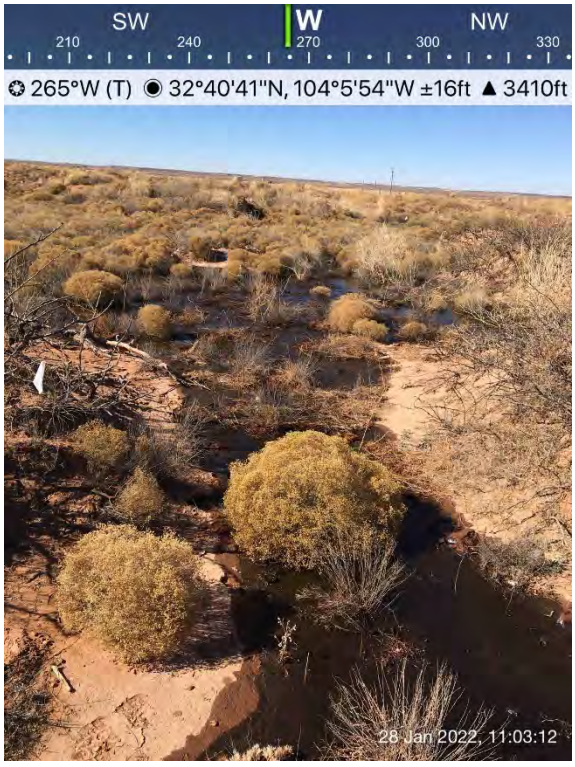
Crude oil in pasture near road, viewing to the north.



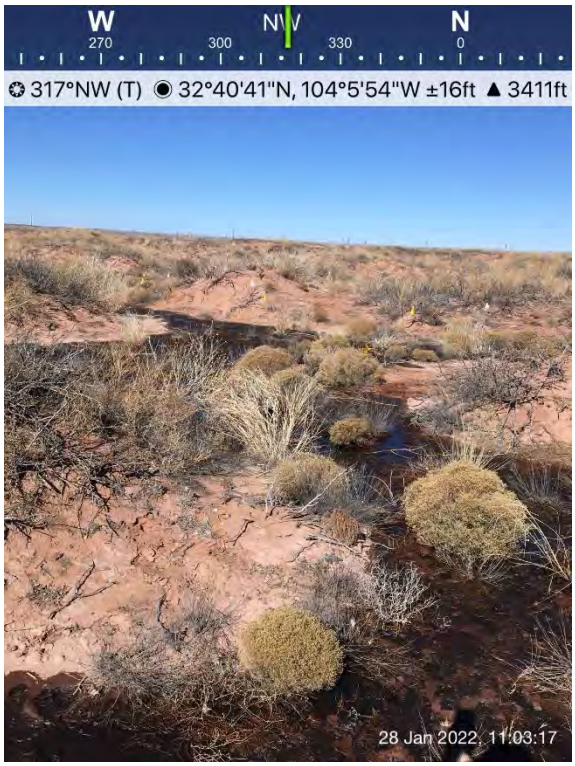
Crude oil in pasture, viewing to the north.



Crude oil in pasture, viewing to the northwest.



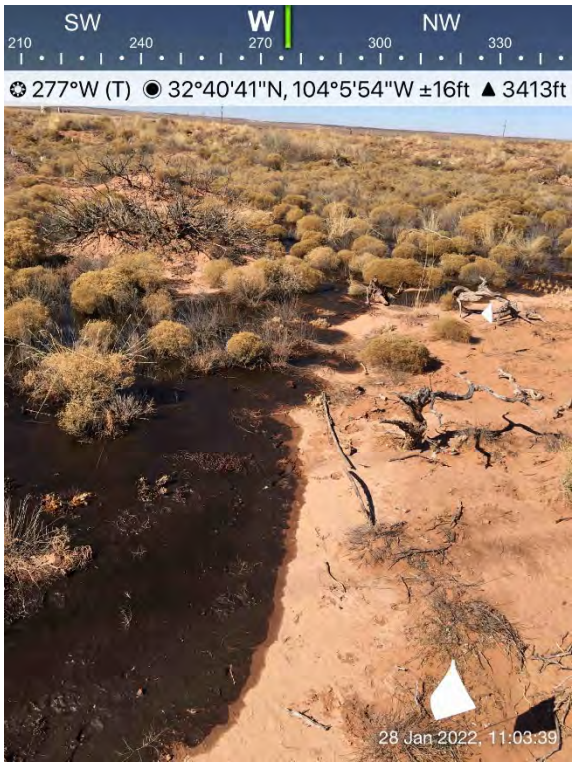
Crude oil in pasture, viewing to the west.



Crude oil in pasture, viewing to the northwest.



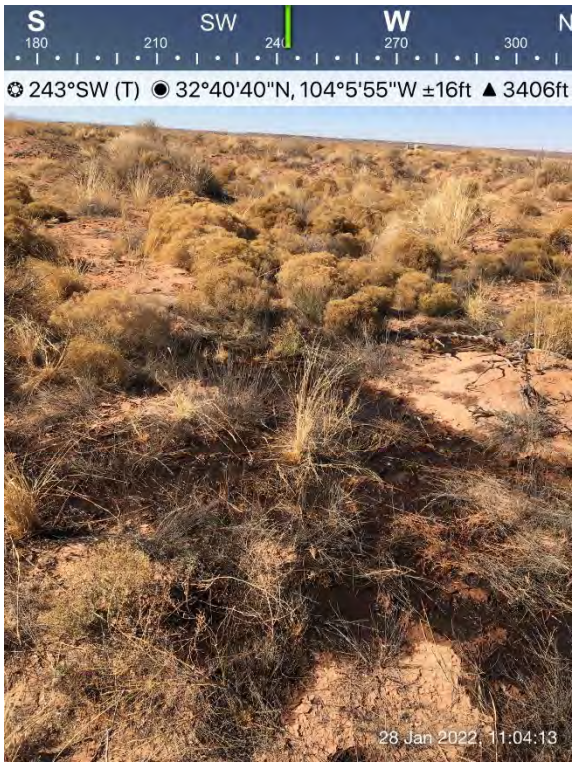
Crude oil in pasture, viewing to the southwest.



Crude oil in pasture, viewing to the west.



Crude oil in pasture, viewing to the west.



Crude oil in pasture, viewing to the southwest.



Excavated area in southern area of the release, viewing to the south.



Excavated area in southern area of the release, with residual crude oil staining viewing to the west.



Excavated area in the southern area of the release, viewing to the west.



Excavated area in the southern area of the release, viewing to the southwest.



Excavated area in southern area of the release, with residual crude oil staining, viewing to the south.



Excavated area in the southern area of the release, with residual crude oil staining, viewing to the southwest.



Excavated area in the southern area of the release, with residual crude oil staining, viewing to the east.



Excavated area in the southern area of the release, viewing to the west.



Excavated area in the southern area of the release, with residual crude oil staining, viewing to the west.



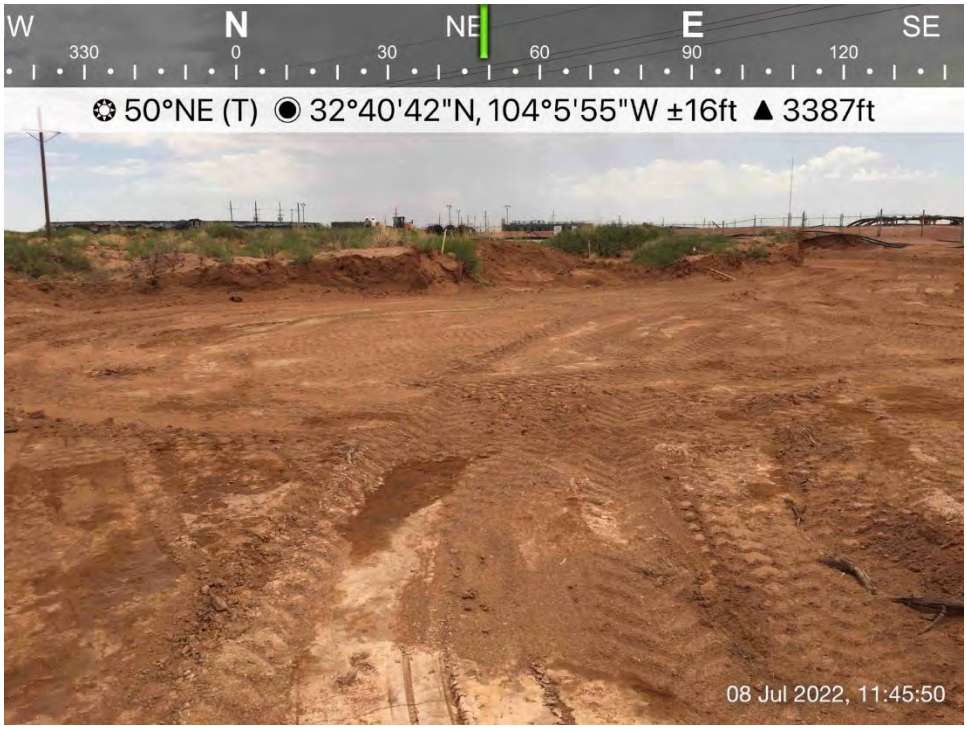
Excavated area in the southern area of the release, with residual crude oil staining, viewing to the west.



Excavated area in the southern area of the release, viewing to the west.



Excavated area in the southern area of the release, viewing to the northeast.



Excavated area on the southern area of the release, with residual crude oil staining, viewing to the northeast.



Excavated area in the southern area of the release, with residual crude oil staining, viewing to the north.



Excavated area in the southern area of the release, viewing to the east.



Excavated area in the southern area of the release, viewing to the northeast.



Excavated area in the southern area of the release, viewing to the northwest.



Excavated area in the northern area of the release, viewing to the north.



Excavated area in the northern area of the release, viewing to the northeast.



Excavated area in the northern area of the release, viewing to the southwest.



Excavated area in the northern area of the release, viewing to the north.



Excavated area in the northern area of the release, viewing to the south.



Excavated area in the northern area of the release, viewing to the south.



Excavated area in the northern area of the release, viewing to the north.



Excavated area in the northern area of the release, viewing to the east.



Excavated area in the central area of the release, viewing to the northeast.



Excavated area in the southern area of the release, viewing to the west.



Excavated area in the southern area of the release, viewing to the west.



Excavated area in the southern area of the release, viewing to the west.



Excavated area in the southern area of the release, viewing to the north.



Excavated area in the southern area of the release, viewing to the south.



Excavated area in the southern area of the release, viewing to the west.



Excavated area in the southern area of the release, viewing to the northwest.



Excavated area in the southern area of the release, viewing to the northwest.



Further excavated area in southern area of the release, viewing to the southwest.



Further excavated area in the southern area of the release, viewing to the northwest.



Further excavated are in southern area of the release, viewing to the east.



Further excavated area in the southern area of the release, viewing to the west.



Further excavated area in the southern area of the release, viewing to the southwest.



Further excavated area in the southern area of the release, viewing to the west.



Further excavated area in the southern area of the release, viewing to the west.



Further excavated area in the southern area of the release, viewing to the west.



Further excavated area in the southern area of the release, viewing to the west.



Further excavated area in the southern area of the release, viewing to the northwest.



Further excavated area in the southern area of the release, viewing to the west.



Further excavated area in the southern area of the release, viewing to the east.



Ongoing excavation in the southern area of the release, near the lease road, viewing to the southwest.



Further excavated area in central area of the release, viewing to the north.



Further excavation in the central area of the release, viewing to the south.



Further excavated area in the central area of the release, viewing to the northwest.



Further excavated area in the central area of the release, viewing to the northwest.



Further excavated area in the central area of the release, viewing to the south.



Excavated area in the central area of the release, viewing to the northeast.



Excavated area in the central area of the release, viewing to the east.



Further excavated sidewall area in the central area of the release, viewing to the southwest.



Further excavated area in the central area of the release, viewing to the south.



Further excavated area in the southern area of the release, viewing to the west.



Further excavated area in the southern area of the release, viewing to the west.



Further excavated area in the southern area of the release, viewing to the west.



Further excavated area in the southern area of the release, viewing to the south.



Further excavated sidewall in the southern area of the release, viewing to the west.



Further excavated sidewall in the southern area of the release, viewing to the east.



Further excavated area in the southern area of the release, viewing to the northeast.



Ongoing excavation in the southern area of the release, viewing to the north.



Further excavation in the southern area of the release, viewing to the west.



Further excavation in the southern area of the release, viewing to the northwest.



Further excavated sidewall in the southern area of the release, viewing to the east.



Aerial view of the excavated area in the southern area of the release, viewing to the south.



Aerial view of the excavated area in the southern area of the release, viewing to the west.



Aerial view of the excavated areas in the southern and central areas of the release, viewing to the south.



Further excavated area in the southern area of the release, viewing to the south.



Further excavated area in the southern area of the release, viewing to the south.



Further excavated area in the southern area of the release, viewing to the southwest.



Further excavated area in the southern area of the release, viewing to the northeast.



Further excavated area in the southern area of the release, viewing to the southeast.



Further excavated area in the southern area of the release, viewing to the northwest.



Backfilled and seeded pasture area in the southern area of the release, viewing to the north.



Backfilled and seeded pasture area in the southern area of the release, viewing to the north.



Backfilled and seeded pasture area in the southern area of the release, viewing to the south.



Backfilled and seeded pasture area in the southern area of the release, viewing to the west.



Backfilled and seeded pasture area in the southern area of the release, viewing to the west.



Backfilled and seeded pasture area in the southern area of the release, viewing to the north.



Backfilled and seeded pasture area in the southern area of the release, viewing to the west.



Backfilled and seeded pasture area in the southern area of the release, viewing to the west.



Backfilled and seeded pasture area in the southern area of the release, viewing to the west.



Backfilled and seeded pasture area in the southern area of the release, viewing to the west.



Backfilled and seeded pasture area in the southern area of the release, viewing to the west.



Backfilled and seeded pasture area in the southern area of the release, viewing to the northwest.



Backfilled and seeded pasture area in the southern area of the release, viewing to the east.



Backfilled and seeded pasture area in the southern area of the release, viewing to the northeast.



Backfilled and seeded pasture area in the southern area of the release, viewing to the northeast.



Backfilled and seeded pasture area in the southern area of the release, viewing to the east.



Backfilled and seeded pasture area in the southern area of the release, viewing to the south.



Backfilled area in the central area of the release area, viewing to the north.



Backfilled area in the central area of the release area, viewing to the north.



Backfilled area in the central area of the release area, viewing to the north.



Backfilled area in the northern area of the release area, viewing to the east.



Backfilled area in the northern area of the release area, viewing to the northeast.



Backfilled area in the northern area of the release area, viewing to the northeast.



Backfilled area in the northern area of the release area, viewing to the northeast.



Backfilled area in the northern area of the release area, viewing to the south.



Backfilled area in the northern area of the release area, viewing to the east.



Backfilled area in the northern area of the release area, viewing to the south.



Backfilled area in the northern area of the release area, viewing to the southwest.



Backfilled area in the northern area of the release area, viewing to the south.



Backfilled area in the northern area of the release area, viewing to the south.



Backfilled area in the northern area of the release area, viewing to the northwest.



Backfilled area in the northern area of the release area, viewing to the northwest.



Aerial view showing backfilled area in the southern area of the release area, viewing to the west.



Aerial view showing backfilled area in the southern area of the release area, viewing to the west.



Aerial view showing backfilled area in the southern area of the release area, viewing to the east.



Aerial view showing backfilled area in the southern area of the release area, viewing to the east.



Aerial view showing backfilled area in the southern area of the release area, viewing to the north.



Aerial view showing backfilled area in the southern and central areas of the release area, viewing to the north.



Aerial view showing backfilled area in the central and northern areas of the release area, viewing to the north.



Aerial view showing backfilled area in the northern area of the release area, viewing to the north.



Aerial view showing backfilled area in the northern area of the release area, viewing to the south.



Aerial view showing backfilled area in the northern area of the release area, viewing to the east.



Aerial view showing backfilled area in the southern area of the release area, viewing to the southwest.



Aerial view showing backfilled areas in the release area, viewing to the northeast.

District I
1625 N. French Dr., Hobbs, NM 88240
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District II
811 S. First St., Artesia, NM 88210
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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

Operator: OXY USA INC P.O. Box 4294 Houston, TX 772104294	OGRID: 16696
	Action Number: 177391
	Action Type: [C-141] Release Corrective Action (C-141)

CONDITIONS

Created By	Condition	Condition Date
rhamlet	We have received your closure report and final C-141 for Incident #NAPP2211536378 TURKEY TRACK WATER TREATMENT FACILITY, thank you. This closure is approved.	5/18/2023