

|                |               |
|----------------|---------------|
| Incident ID    | nRM2008756964 |
| District RP    |               |
| Facility ID    |               |
| Application ID |               |

## Site Assessment/Characterization

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

|                                                                                                                                                                                                 |                                                                     |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------|
| What is the shallowest depth to groundwater beneath the area affected by the release?                                                                                                           | <u>&gt;115</u> (ft bgs)                                             |
| Did this release impact groundwater or surface water?                                                                                                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?                                                              | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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)?                                                    | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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? | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?                                                                                                | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?                                                           | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a wetland?                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying a subsurface mine?                                                                                                                             | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release overlying an unstable area such as karst geology?                                                                                                        | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Are the lateral extents of the release within a 100-year floodplain?                                                                                                                            | <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?                                                                                            | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.

## 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: Halie Bulter Title: Sr. Corp ENV Manager

Signature:  Date: 1/11/2023

email: HButler@selectenergy.com Telephone: 281-467-3153

**OCD Only**

Received by: Jocelyn Harimon Date: 01/12/2023

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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: Halie Butler Title: Sr. Corp ENV Manager

Signature:  Date: 1/11/2023

email: HBulter@selectenergy.com Telephone: 281-467-3153

**OCD Only**

Received by: Jocelyn Harimon Date: 01/12/2023

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

Signature:  Date: 02/01/2023

**Tracking Number: nRM2008756964**  
**Delineation Report and Remediation Plan**  
**Red Tanks**  
**Produced Water Releases**  
**Lea County, New Mexico**

Latitude: N 32.337559°  
Longitude: W -103.717487°

LAI Project No. 22-0104-05

January 11, 2023

Prepared for:  
Select Energy Services, LLC  
PO Box 1715  
Gainesville, TX 76241

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



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



Robert Nelson  
Sr. Geoscientist

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Tracking Number: nRM2008756964  
Delineation Report and Remediation Plan  
Red Tanks, Select Energy Services, LLC  
Produced Water Releases  
January 11, 2023

## 1.0 INTRODUCTION

Larson & Associates, Inc. (LAI), has prepared this delineation report and remediation plan on behalf of Select Energy Services, LLC (Select) for submittal to the New Mexico Oil Conservation Division (NMOCD) District I for a produced water release at the Red Tanks (Site) located in Unit D (Lot 4), Section 6, Township 23 South, Range 32 East in Lea County, New Mexico. The geodetic position is North 32.337559 ° and West -103.717487°. Figure 1 presents a topographic map. Figure 2 presents an aerial map of the spill location.

### 1.1 Background

The release was initially discovered on March 11, 2020, when Charger Services, LLC (Charger), under contract with Solaris Water Midstream, LLC (Solaris) to construct a buried pipeline, struck a Select lay-flat line with an excavator. Select reported that 2,160 barrels (bbls) of produced water were released with no recovery. The affected area measures approximately 34,678 square feet. The initial C-141 was submitted to NMOCD District I on March 27, 2020. The water release was assigned incident number nRM2008756964. Appendix A presents the initial C-141.

Between April 2020 and March 2022, Charger Services and Select Energy were in litigation regarding the responsible party for the release. On March 25, 2022, LAI personnel conducted an electromagnetic (EM) survey to qualitatively assess the subsurface soils for impacts relating to the produced water release. The EM survey was conducted using an EM-31 which has exploration capabilities ranging from 0 to 9.8 feet below ground surface (bgs) in the horizontal dipole (HD) mode and 0 to 19.7 feet bgs in the vertical dipole (VD) mode. The EM measurements were collected in the HD and VD modes and compared to a background reading collected nearby at a location free of cultural interference (i.e., buildings, overhead and underground power lines, pipelines, roads, etc.) and environmental impacts. The measurements collected were used to accurately map the boundaries of the release and assess anomalies from the produced water which result in higher conductivity than the surrounding native soil.

On April 5, 2022, LAI personnel provided notification to the Bureau of Land Management (BLM) as landowner to collect soil samples to delineate the release vertically and horizontally. On April 6, 2022, LAI received approval from the BLM to *"begin remediation and clean-up for this release, to include full vertical and horizontal delineation"*. Appendix B presents the BLM communications.

### 1.2 Physical Setting

The physical setting is as follows:

- The surface elevation is approximately 3,519 feet above mean sea level (msl).
- The surface elevation gradually decreases to the northwest.
- There are no surface water features within 1,000 feet of the Site.
- Karst data provided by the USGS describes the Site as "Low Risk" potential.
- The soils are designated as Maljamar and Palomas fine sands, 0 to 3 percent slopes, consisting of 0 to 24 inches fine sand, underlain by 24 to 50 inches of sandy clay loam, and 50 to 60 inches of cemented material (caliche).
- Surface geology is Quaternary deposits (Holocene) eolian sand, dunes, dune ridges, and sheets undivided).

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- Groundwater occurs at a depth greater than 115 feet below ground surface (bgs) based on depth to groundwater measurements taken 72 hours after installing a boring (GWB-1) on October 13, 2022, approximately 0.11 mile or 596 feet northeast from the Site.
- 

Figure 2 presents the groundwater bore location. Appendix C presents USGS data depicting karst risk potential. Appendix D presents the soil boring log.

### 1.3 Remediation Standards

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

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

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 March 25, 2022, LAI personnel used an EM-31 to qualitatively access the subsurface soil. The EM survey was conducted at forty (40) stations (1 through 40), with three (3) additional stations (P-1 through P-3) being added in the field. Due to the number of subsurface lines (i.e., pipelines) and overhead powerlines, interference was detected within the pipeline Right of Way (ROW), resulting in anomalies being observed. Figure 3 presents an aerial map showing the EM Survey locations. Figure 3a presents the EM-31 HD conductivity map. Figure 3b presents the EM-31VD conductivity map.

Based on the results of the EM survey, on September 13, 2022, LAI personnel began the delineation of the Site utilizing a Geoprobe 7822DT direct push rig which was completed on November 4, 2022. Twenty-three (23) soil samples (S-1 through S-23) were collected to delineate the release vertically and horizontally. Soil samples were collected at a depth of one (1), three (3), and five (5), depending on chloride field analysis and subsurface conditions.

Soil samples were delivered under chain of custody and preservation to Eurofins-Xenco Laboratories (Xenco) in Midland, Texas, which analyzed the samples for benzene, toluene, ethylbenzene, and xylenes (BTEX), total petroleum hydrocarbons (TPH), including gasoline range organics (C6-C12), diesel range organics (>C12-C28) and oil range organics (>C28-C35), and chloride by EPA SW-846 Methods 8021B and 8015M, and M300, respectively.

Benzene, BTEX, and TPH were below the NMOCD remediation standards in Table 1 (19.15.29 NMAC) of 10 milligrams per kilogram (mg/Kg), 50 mg/Kg, and 100 mg/Kg, respectively.

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Chloride exceeded the NMOCD delineation limit of 600 mg/Kg in the following samples:

| Sample ID | Depth<br>(Feet) | Chloride Concentration<br>(mg/Kg) |
|-----------|-----------------|-----------------------------------|
| S-4       | 3               | 773                               |
| S-11      | 3               | 646                               |

The laboratory results demonstrate the release was delineated according to the NMOCD remediation and closure requirements in Table 1 of 19.15.29.12 NMAC for groundwater occurring a depth greater than 100 feet bgs. Figure 2 presents an aerial map showing the sample locations. Appendix E presents the laboratory reports. Appendix F presents photographic documentation.

### 3.0 REMEDIATION PLAN

Select proposes the following remedial actions:

- Excavate soil from an area measuring approximately 1,225 square feet encompassing sample locations S-4 and S-11 to a depth of approximately 4.1 feet bgs.
- Collect five (5) point composite bottom and sidewall confirmation soil samples every 200 square feet and analyze for BTEX, TPH and chloride.
- Backfill excavation with clean caliche on the road and topsoil in the ROW/assuming achievement of NMOCD remediation levels.
- Seed the excavation area within the ROW and pasture with BLM Mix #2.
- Prepare report with photographs for submittal to NMOCD District I.

Figure 4 presents an aerial map showing the remediation areas.

## **Tables**

**Table 1**  
**Soil Sample Analytical Data Summary**  
**Select Energy - Red Tanks**  
**Lea County, New Mexico**  
**32° 20' 14.22" N, 103° 43' 4.64" W**

| Sample                    | Depth<br>(Feet) | Collection<br>Date | Status  | Benzene<br>(mg/Kg) | BTEX<br>(mg/Kg) | C6 - C12<br>(mg/Kg) | C12 - C28<br>(mg/Kg) | C28 - C35<br>(mg/Kg) | TPH<br>(mg/Kg)   | Chloride<br>(mg/Kg) |
|---------------------------|-----------------|--------------------|---------|--------------------|-----------------|---------------------|----------------------|----------------------|------------------|---------------------|
| <b>Remediation Level:</b> |                 |                    |         | <b>10</b>          | <b>50</b>       |                     |                      |                      | <b>100/2,500</b> | <b>600/20,000</b>   |
| <b>S-1</b>                | 1               | 11/03/2022         | In-Situ | <0.00201           | <0.00402        | <49.9               | <49.9                | <49.9                | <49.9            | 18.4                |
|                           | 3               | 11/03/2022         | In-Situ | <0.00200           | <0.00399        | <50.0               | <50.0                | <50.0                | <50.0            | 16.0                |
|                           | 5               | 11/03/2022         | In-Situ | <0.00199           | <0.00398        | <49.9               | <49.9                | <49.9                | <49.9            | 27.5                |
| <b>S-2</b>                | 1               | 11/03/2022         | In-Situ | <0.00199           | <0.00398        | <49.9               | <49.9                | <49.9                | <49.9            | 16.0                |
|                           | 3               | 11/03/2022         | In-Situ | <0.00199           | <0.00398        | <49.8               | <49.8                | <49.8                | <49.8            | 20.9                |
|                           | 5               | 11/03/2022         | In-Situ | <0.00200           | <0.00400        | <49.9               | <49.9                | <49.9                | <49.9            | 86.2                |
| <b>S-3</b>                | 1               | 11/03/2022         | In-Situ | <0.00199           | <0.00398        | <50.0               | <50.0                | <50.0                | <50.0            | 26.9                |
|                           | 3               | 11/03/2022         | In-Situ | <0.00199           | <0.00398        | <50.0               | <50.0                | <50.0                | <50.0            | 43.3                |
|                           | 5               | 11/03/2022         | In-Situ | <0.00200           | <0.00399        | <50.0               | <50.0                | <50.0                | <50.0            | 91.3                |
| <b>S-4</b>                | 1               | 11/03/2022         | In-Situ | <0.00200           | <0.00400        | <49.9               | <49.9                | <49.9                | <49.9            | 365                 |
|                           | 3               | 11/03/2022         | In-Situ | <0.00200           | <0.00401        | <50.0               | <50.0                | <50.0                | <50.0            | <b>773</b>          |
|                           | 5               | 11/03/2022         | In-Situ | <0.00202           | <0.00404        | <49.9               | <49.9                | <49.9                | <49.9            | 999                 |
| <b>S-5</b>                | 1               | 11/03/2022         | In-Situ | <0.00201           | <0.00402        | <50.0               | <50.0                | <50.0                | <50.0            | 32.1                |
|                           | 3               | 11/03/2022         | In-Situ | <0.00199           | <0.00398        | <49.9               | <49.9                | <49.9                | <49.9            | 30.9                |
|                           | 5               | 11/03/2022         | In-Situ | <0.00199           | <0.00398        | <50.0               | <50.0                | <50.0                | <50.0            | 30.4                |
| <b>S-6</b>                | 1               | 11/03/2022         | In-Situ | <0.00200           | <0.00399        | <49.8               | <49.8                | <49.8                | <49.8            | 26.0                |
|                           | 3               | 11/03/2022         | In-Situ | <0.00198           | <0.00396        | <49.9               | <49.9                | <49.9                | <49.9            | 25.9                |
|                           | 5               | 11/03/2022         | In-Situ | <0.00201           | <0.00402        | <50.0               | <50.0                | <50.0                | <50.0            | 32.4                |

**Table 1**  
**Soil Sample Analytical Data Summary**  
**Select Energy - Red Tanks**  
**Lea County, New Mexico**  
**32° 20' 14.22" N, 103° 43' 4.64" W**

| Sample                    | Depth<br>(Feet) | Collection<br>Date | Status  | Benzene<br>(mg/Kg) | BTEX<br>(mg/Kg) | C6 - C12<br>(mg/Kg) | C12 - C28<br>(mg/Kg) | C28 - C35<br>(mg/Kg) | TPH<br>(mg/Kg)   | Chloride<br>(mg/Kg) |
|---------------------------|-----------------|--------------------|---------|--------------------|-----------------|---------------------|----------------------|----------------------|------------------|---------------------|
| <b>Remediation Level:</b> |                 |                    |         | <b>10</b>          | <b>50</b>       |                     |                      |                      | <b>100/2,500</b> | <b>600/20,000</b>   |
|                           |                 |                    |         |                    |                 |                     |                      |                      |                  |                     |
| <b>S-7</b>                | 1               | 11/03/2022         | In-Situ | <0.00201           | <0.00402        | <49.9               | <49.9                | <49.9                | <49.9            | 13.0                |
|                           | 3               | 11/03/2022         | In-Situ | <0.00200           | <0.00399        | <49.8               | <49.8                | <49.8                | <49.8            | 19.3                |
|                           | 5               | 11/03/2022         | In-Situ | <0.00202           | <0.00403        | <50.0               | <50.0                | <50.0                | <50.0            | 14.8                |
| <b>S-8</b>                | 1               | 11/02/2022         | In-Situ | <0.00200           | <0.00401        | <49.9               | <49.9                | <49.9                | <49.9            | 17.0                |
|                           | 3               | 11/02/2022         | In-Situ | <0.00200           | <0.00400        | <49.9               | <49.9                | <49.9                | <49.9            | 19.8                |
|                           | 5               | 11/02/2022         | In-Situ | <0.00200           | <0.00401        | <50.0               | <50.0                | <50.0                | <50.0            | 20.3                |
| <b>S-9</b>                | 1               | 11/02/2022         | In-Situ | <0.00199           | <0.00398        | <50.0               | <50.0                | <50.0                | <50.0            | 15.6                |
|                           | 3               | 11/02/2022         | In-Situ | <0.00199           | <0.00398        | <49.9               | <49.9                | <49.9                | <49.9            | 21.2                |
|                           | 5               | 11/02/2022         | In-Situ | <0.00200           | <0.00399        | <49.8               | <49.8                | <49.8                | <49.8            | 27.6                |
| <b>S-10</b>               | 1               | 11/02/2022         | In-Situ | <0.00199           | <0.00398        | <49.9               | <49.9                | <49.9                | <49.9            | 67.0                |
|                           | 3               | 11/02/2022         | In-Situ | <0.00199           | <0.00398        | <50.0               | <50.0                | <50.0                | <50.0            | 51.3                |
|                           | 5               | 11/02/2022         | In-Situ | <0.00200           | <0.00399        | <50.0               | <50.0                | <50.0                | <50.0            | 123                 |
| <b>S-11</b>               | 1               | 11/02/2022         | In-Situ | <0.00199           | <0.00398        | <50.0               | <50.0                | <50.0                | <50.0            | 67.8                |
|                           | 3               | 11/02/2022         | In-Situ | <0.00200           | <0.00399        | <49.9               | <49.9                | <49.9                | <49.9            | 646                 |
|                           | 5               | 11/02/2022         | In-Situ | <0.00198           | <0.00397        | <49.9               | <49.9                | <49.9                | <49.9            | 674                 |
| <b>S-12</b>               | 1               | 11/02/2022         | In-Situ | <0.00200           | <0.00399        | <50.0               | <50.0                | <50.0                | <50.0            | 13.4                |
|                           | 3               | 11/02/2022         | In-Situ | <0.00201           | <0.00402        | <49.9               | <49.9                | <49.9                | <49.9            | 13.9                |

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**Lea County, New Mexico**  
**32° 20' 14.22" N, 103° 43' 4.64" W**

| Sample                    | Depth<br>(Feet) | Collection<br>Date | Status  | Benzene<br>(mg/Kg) | BTEX<br>(mg/Kg) | C6 - C12<br>(mg/Kg) | C12 - C28<br>(mg/Kg) | C28 - C35<br>(mg/Kg) | TPH<br>(mg/Kg)   | Chloride<br>(mg/Kg) |
|---------------------------|-----------------|--------------------|---------|--------------------|-----------------|---------------------|----------------------|----------------------|------------------|---------------------|
| <b>Remediation Level:</b> |                 |                    |         | <b>10</b>          | <b>50</b>       |                     |                      |                      | <b>100/2,500</b> | <b>600/20,000</b>   |
|                           | 5               | 11/02/2022         | In-Situ | <0.00199           | <0.00398        | <49.9               | <49.9                | <49.9                | <49.9            | 13.2                |
| <b>S-13</b>               | 1               | 11/02/2022         | In-Situ | <0.00200           | <0.00401        | <50.0               | <50.0                | <50.0                | <50.0            | 31.1                |
|                           | 3               | 11/02/2022         | In-Situ | <0.00199           | <0.00398        | <49.8               | <49.8                | <49.8                | <49.8            | 30.1                |
|                           | 5               | 11/02/2022         | In-Situ | <0.00199           | <0.00398        | <49.9               | <49.9                | <49.9                | <49.9            | 21.9                |
| <b>S-14</b>               | 1               | 09/14/2022         | In-Situ | <0.00102           | <0.00204        | <25.5               | <25.5                | <25.5                | <25.5            | 3.85                |
|                           | 3               | 09/14/2022         | In-Situ | <0.00103           | <0.00206        | <25.8               | <25.8                | <25.8                | <25.8            | 6.26                |
|                           | 5               | 09/14/2022         | In-Situ | <0.00104           | <0.00208        | <26.0               | <26.0                | <26.0                | <26.0            | 10.6                |
|                           | 10              | 09/14/2022         | In-Situ | <0.00108           | <0.00215        | <26.9               | <26.9                | <26.9                | <26.9            | 9.12                |
| <b>S-15</b>               | 1               | 09/14/2022         | In-Situ | <0.00102           | <0.00204        | <25.5               | <25.5                | <25.5                | <25.5            | 4.55                |
|                           | 3               | 09/14/2022         | In-Situ | <0.00103           | <0.00206        | <25.8               | <25.8                | <25.8                | <25.8            | 4.95                |
|                           | 5               | 09/14/2022         | In-Situ | <0.00106           | <0.00213        | <26.6               | <26.6                | <26.6                | <26.6            | 482                 |
|                           | 10              | 09/14/2022         | In-Situ | <0.00109           | <0.00217        | <27.2               | <27.2                | <27.2                | <27.2            | 1,450               |
|                           | 15              | 09/14/2022         | In-Situ | <0.00110           | <0.00220        | <27.5               | <27.5                | <27.5                | <27.5            | 819                 |
|                           | 20              | 09/14/2022         | In-Situ | <0.00108           | <0.00215        | <26.9               | <26.9                | <26.9                | <26.9            | 92.7                |
| <b>S-16</b>               | 1               | 09/14/2022         | In-Situ | <0.00106           | <0.00213        | <26.6               | <26.6                | <26.6                | <26.6            | 266                 |
|                           | 3               | 09/14/2022         | In-Situ | <0.00102           | <0.00204        | <25.5               | <25.5                | <25.5                | <25.5            | 197                 |
|                           | 5               | 09/14/2022         | In-Situ | <0.00104           | <0.00208        | <26.0               | <26.0                | <26.0                | <26.0            | 223                 |
|                           | 10              | 09/14/2022         | In-Situ | <0.00110           | <0.00220        | <27.5               | <27.5                | <27.5                | <27.5            | 16.1                |

**Table 1**  
**Soil Sample Analytical Data Summary**  
**Select Energy - Red Tanks**  
**Lea County, New Mexico**  
**32° 20' 14.22" N, 103° 43' 4.64" W**

| Sample                    | Depth<br>(Feet) | Collection<br>Date | Status  | Benzene<br>(mg/Kg) | BTEX<br>(mg/Kg) | C6 - C12<br>(mg/Kg) | C12 - C28<br>(mg/Kg) | C28 - C35<br>(mg/Kg) | TPH<br>(mg/Kg) | Chloride<br>(mg/Kg) |
|---------------------------|-----------------|--------------------|---------|--------------------|-----------------|---------------------|----------------------|----------------------|----------------|---------------------|
| <b>Remediation Level:</b> |                 |                    |         | <b>10</b>          | <b>50</b>       | <b>100/2,500</b>    |                      |                      |                | <b>600/20,000</b>   |
| <b>S-17</b>               | 1               | 09/14/2022         | In-Situ | <0.00102           | <0.00204        | <25.5               | <25.5                | <25.5                | <25.5          | 30.3                |
|                           | 3               | 09/14/2022         | In-Situ | <0.00103           | <0.00206        | <25.8               | <25.8                | <25.8                | <25.8          | 44.0                |
|                           | 5               | 09/14/2022         | In-Situ | <0.00103           | <0.00206        | <25.8               | <25.8                | <25.8                | <25.8          | 137                 |
|                           | 10              | 09/14/2022         | In-Situ | <0.00108           | <0.00215        | <26.9               | <26.9                | <26.9                | <26.9          | 24.2                |
| <b>S-18</b>               | 1               | 09/13/2022         | In-Situ | <0.00102           | <0.00204        | <25.5               | <25.5                | <25.5                | <25.5          | 19.9                |
|                           | 3               | 09/13/2022         | In-Situ | <0.00104           | <0.00208        | <26.0               | <26.0                | <26.0                | <26.0          | 20.1                |
|                           | 5               | 09/13/2022         | In-Situ | <0.00102           | <0.00204        | <25.5               | <25.5                | <25.5                | <25.5          | 43.2                |
|                           | 10              | 09/13/2022         | In-Situ | <0.00111           | <0.00222        | <27.8               | <27.8                | <27.8                | <27.8          | 2,020               |
|                           | 15              | 09/13/2022         | In-Situ | <0.00109           | <0.00217        | <27.2               | <27.2                | <27.2                | <27.2          | 1,210               |
|                           | 20              | 09/13/2022         | In-Situ | <0.00109           | <0.00217        | <27.2               | <27.2                | <27.2                | <27.2          | 59.6                |
| <b>S-19</b>               | 1               | 09/13/2022         | In-Situ | <0.00102           | <0.00204        | <25.5               | <25.5                | <25.5                | <25.5          | 7.86                |
|                           | 3               | 09/13/2022         | In-Situ | <0.00112           | <0.00225        | <28.1               | <28.1                | <28.1                | <28.1          | 16.9                |
|                           | 5               | 09/13/2022         | In-Situ | <0.00114           | <0.00227        | <28.4               | <28.4                | <28.4                | <28.4          | 174                 |
|                           | 10              | 09/13/2022         | In-Situ | <0.00114           | <0.00227        | <28.4               | <28.4                | <28.4                | <28.4          | 4,910               |
|                           | 15              | 09/13/2022         | In-Situ | <0.00112           | <0.00225        | <28.1               | <28.1                | <28.1                | <28.1          | 199                 |
| <b>S-20</b>               | 1               | 09/12/2022         | In-Situ | <0.00101           | <0.00202        | <25.3               | <25.3                | <25.3                | <25.3          | 3.76                |
|                           | 3               | 09/12/2022         | In-Situ | <0.00102           | <0.00204        | <25.5               | <25.5                | <25.5                | <25.5          | 3.67                |
|                           | 5               | 09/12/2022         | In-Situ | <0.00104           | <0.00208        | <26.0               | <26.0                | <26.0                | <26.0          | 3.65                |
|                           | 10              | 09/12/2022         | In-Situ | <0.00109           | <0.00217        | <27.2               | <27.2                | <27.2                | <27.2          | 9.60                |

**Table 1**  
**Soil Sample Analytical Data Summary**  
**Select Energy - Red Tanks**  
**Lea County, New Mexico**  
**32° 20' 14.22" N, 103° 43' 4.64" W**

| Sample                    | Depth<br>(Feet) | Collection<br>Date | Status  | Benzene<br>(mg/Kg) | BTEX<br>(mg/Kg) | C6 - C12<br>(mg/Kg) | C12 - C28<br>(mg/Kg) | C28 - C35<br>(mg/Kg) | TPH<br>(mg/Kg)   | Chloride<br>(mg/Kg) |
|---------------------------|-----------------|--------------------|---------|--------------------|-----------------|---------------------|----------------------|----------------------|------------------|---------------------|
| <b>Remediation Level:</b> |                 |                    |         | <b>10</b>          | <b>50</b>       |                     |                      |                      | <b>100/2,500</b> | <b>600/20,000</b>   |
| <b>S-21</b>               | 1               | 09/14/2022         | In-Situ | <0.00102           | <0.00204        | <25.5               | <25.5                | <25.5                | <25.5            | 4.52                |
|                           | 3               | 09/14/2022         | In-Situ | <0.00101           | <0.00202        | <25.3               | <25.3                | <25.3                | <25.3            | 3.89                |
|                           | 5               | 09/14/2022         | In-Situ | <0.00105           | <0.00211        | <26.3               | <26.3                | <26.3                | <26.3            | 10.3                |
|                           | 10              | 09/14/2022         | In-Situ | <0.00111           | <0.00222        | <27.8               | <27.8                | <27.8                | <27.8            | 7.24                |
| <b>S-22</b>               | 1               | 11/04/2022         | In-Situ | <0.00200           | <0.00400        | <49.8               | <49.8                | <49.8                | <49.8            | 16.2                |
|                           | 3               | 11/04/2022         | In-Situ | <0.00200           | <0.00401        | <49.9               | <49.9                | <49.9                | <49.9            | 17.2                |
|                           | 5               | 11/04/2022         | In-Situ | <0.00199           | <0.00398        | <50.0               | <50.0                | <50.0                | <50.0            | 15.4                |
| <b>S-23</b>               | 1               | 09/12/2022         | In-Situ | <0.00101           | <0.00202        | <25.3               | <25.3                | <25.3                | <25.3            | 5.95                |
|                           | 3               | 09/12/2022         | In-Situ | <0.00104           | <0.00208        | <26.0               | <26.0                | <26.0                | <26.0            | 4.31                |
|                           | 5               | 09/12/2022         | In-Situ | <0.00102           | <0.00204        | <25.5               | <25.5                | <25.5                | <25.5            | 3.95                |
|                           | 10              | 09/12/2022         | In-Situ | <0.00109           | <0.00217        | <27.2               | <27.2                | <27.2                | <27.2            | 6.53                |

Notes: Analysis performed by Permian 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**

## **Figures**

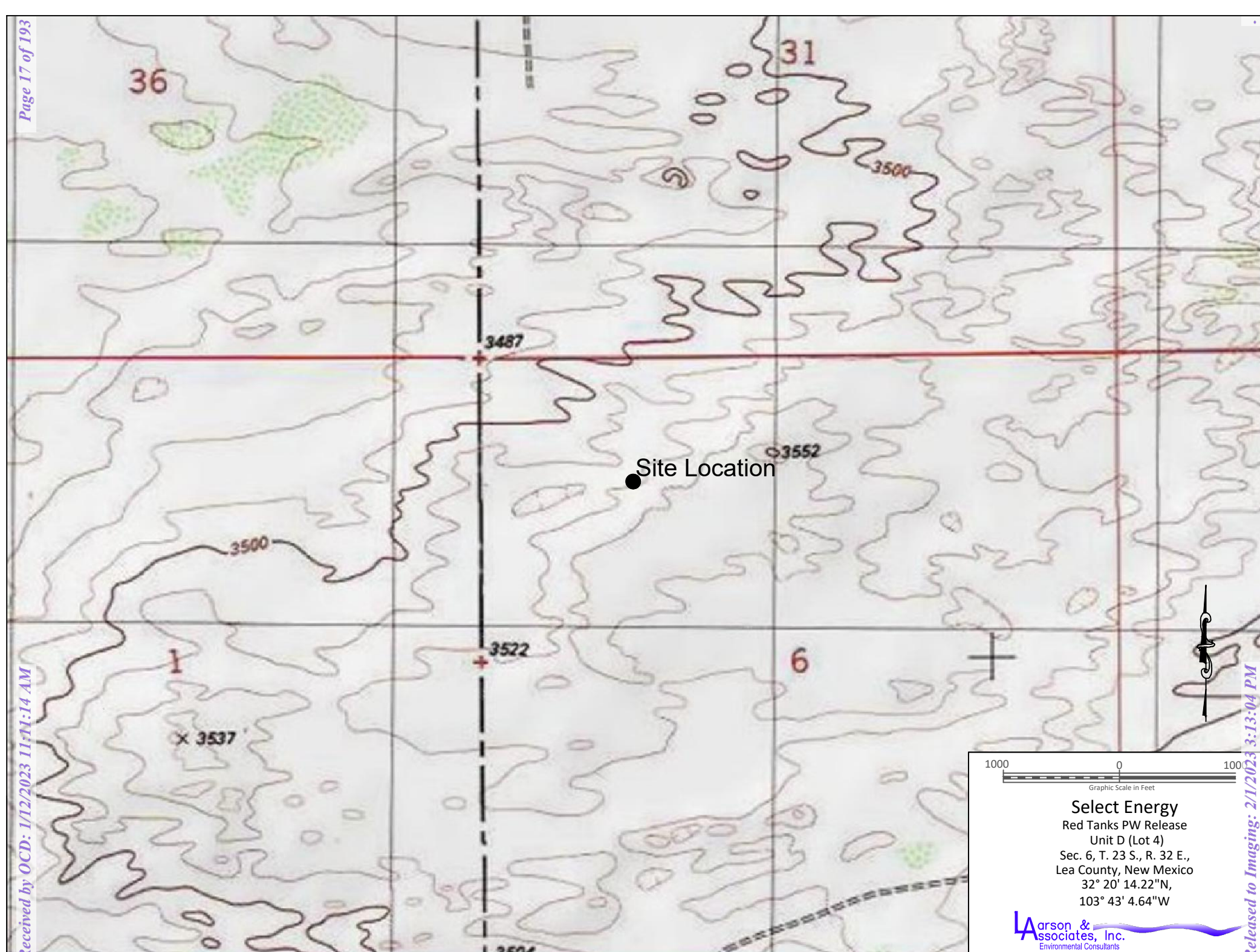


Figure 1 - Topographic Map

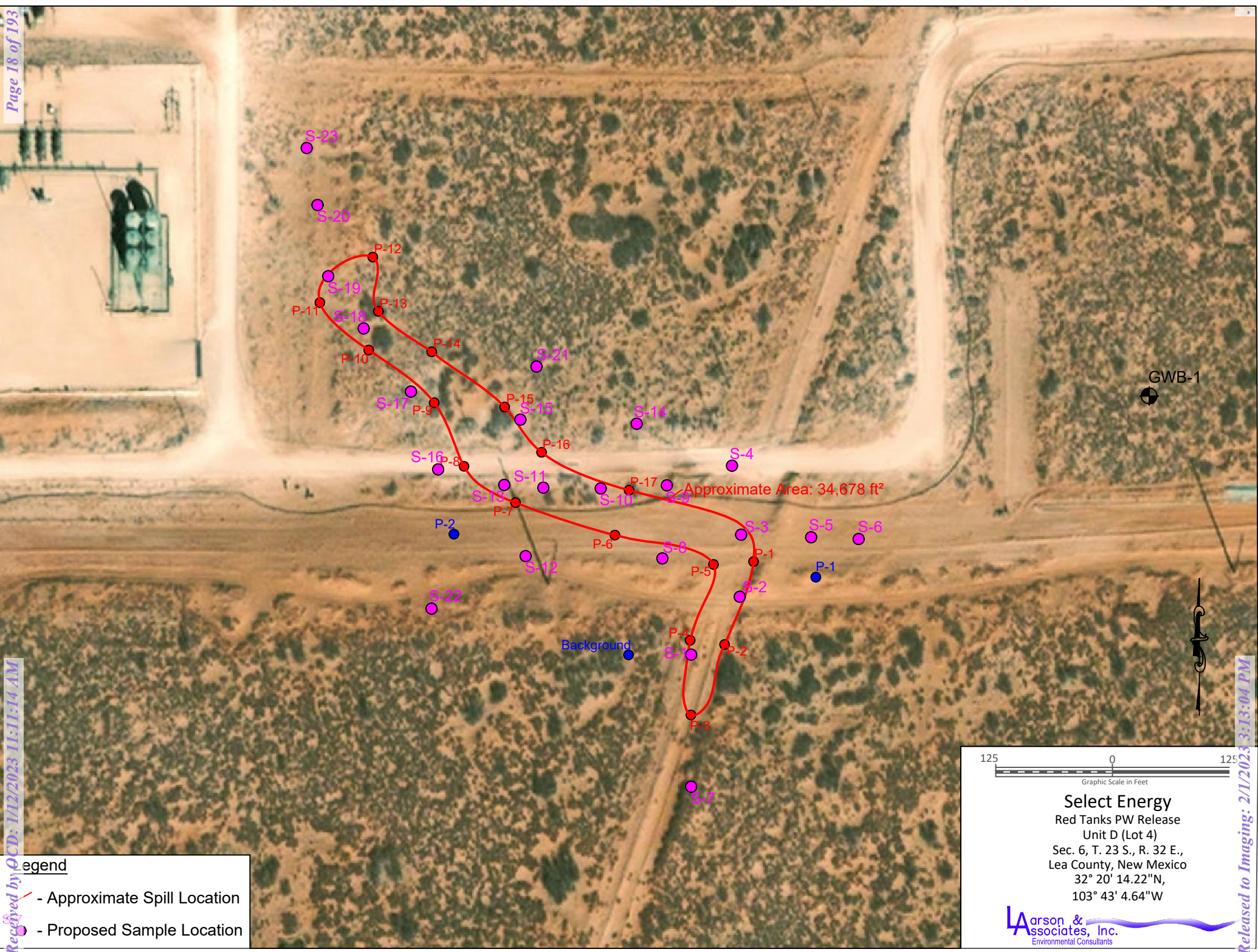
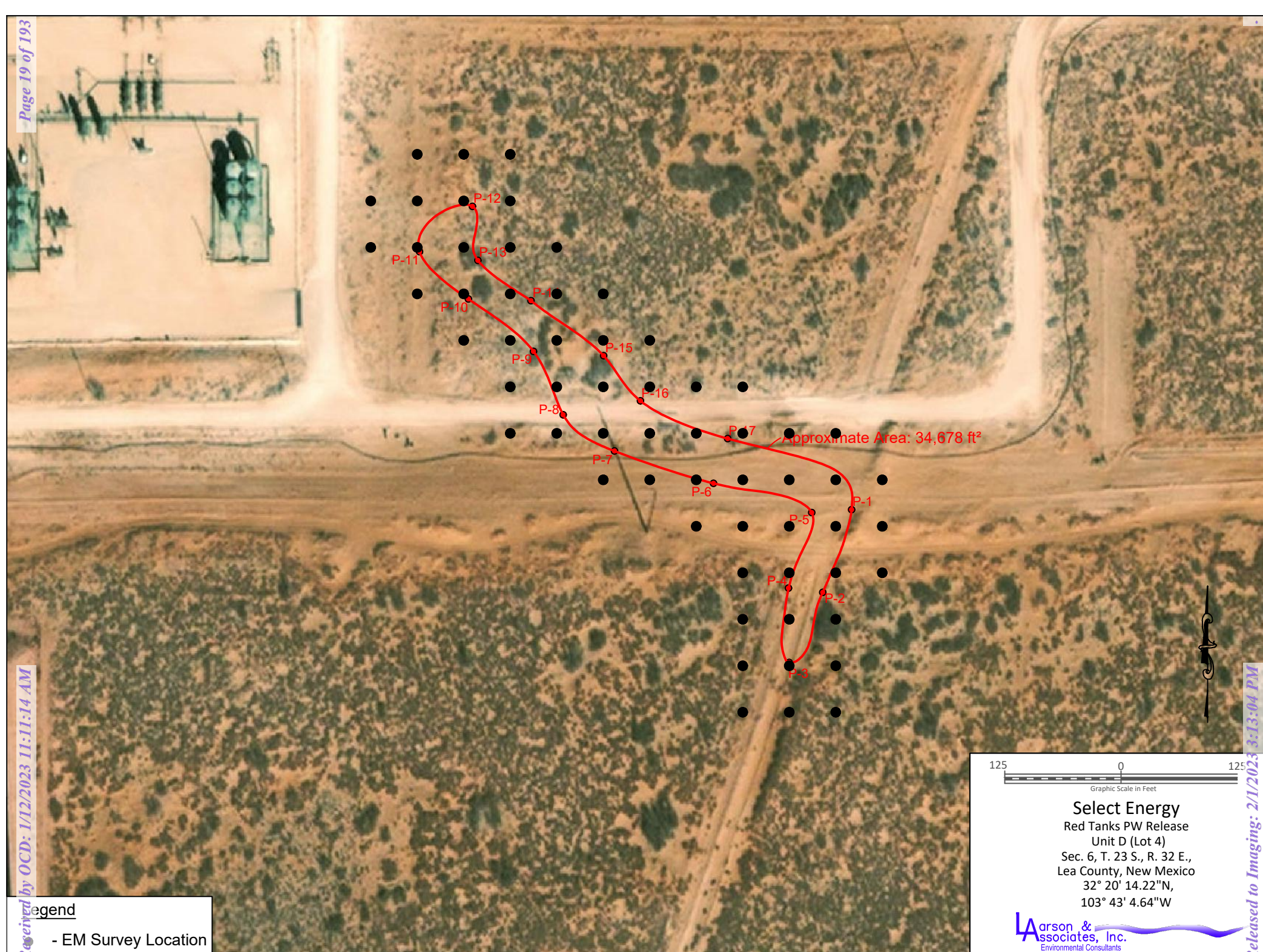


Figure 2 - Aerial Map Showing Approximate Spill Area



Legend  
- EM Survey Location

Figure 3 - EM-Survey

125 0 125  
Graphic Scale in Feet

**Select Energy**  
Red Tanks PW Release  
Unit D (Lot 4)  
Sec. 6, T. 23 S., R. 32 E.,  
Lea County, New Mexico  
32° 20' 14.22"N,  
103° 43' 4.64"W

**Larson & Associates, Inc.**  
Environmental Consultants

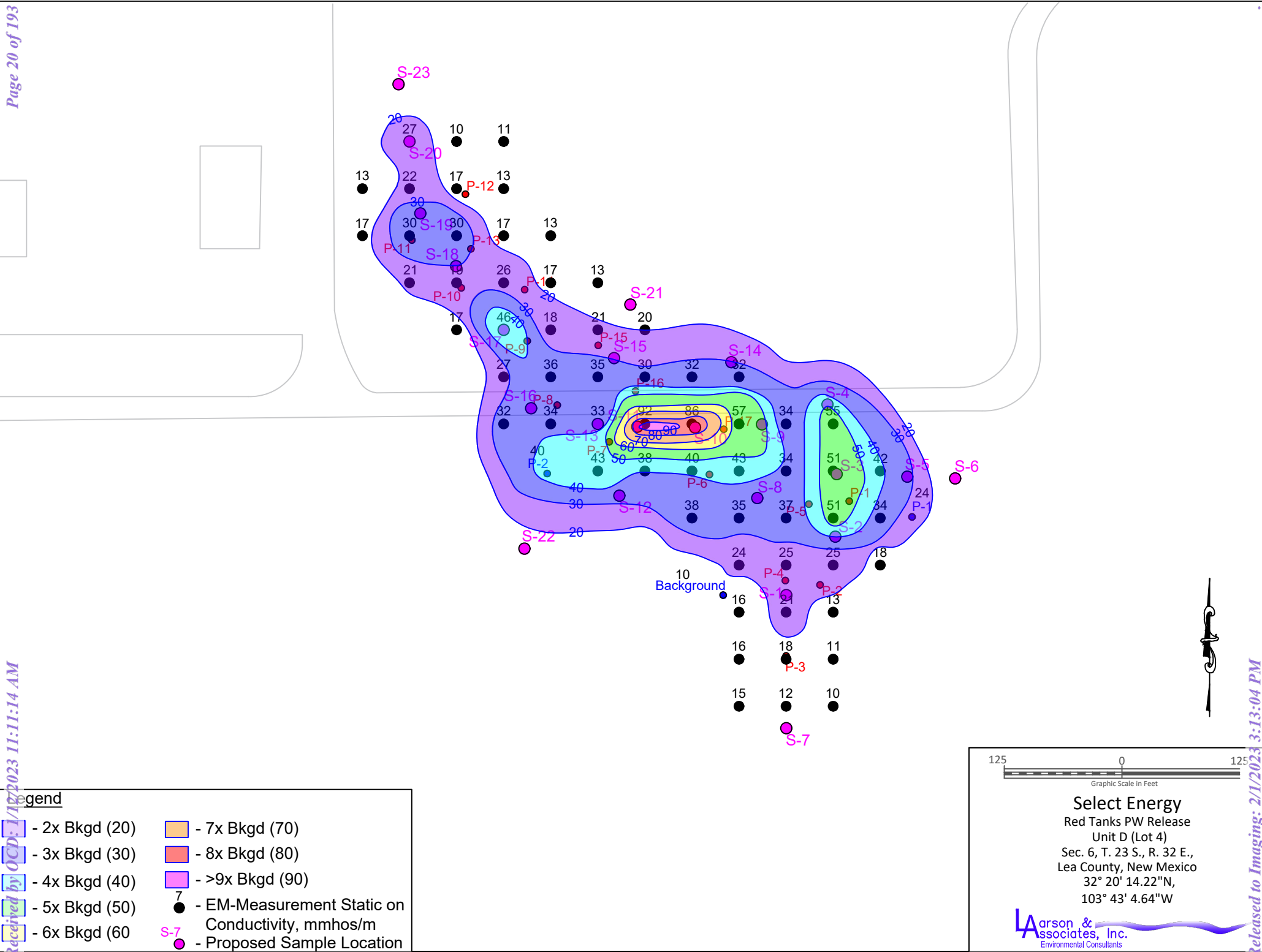


Figure 3a - EM-Survey HD Conductivity Map

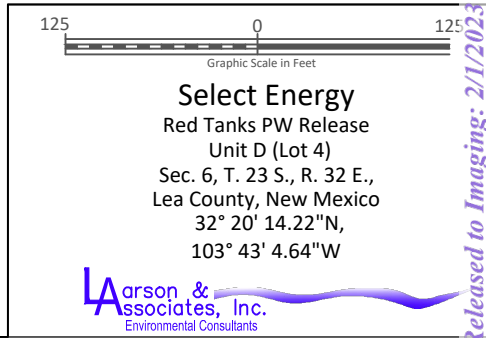
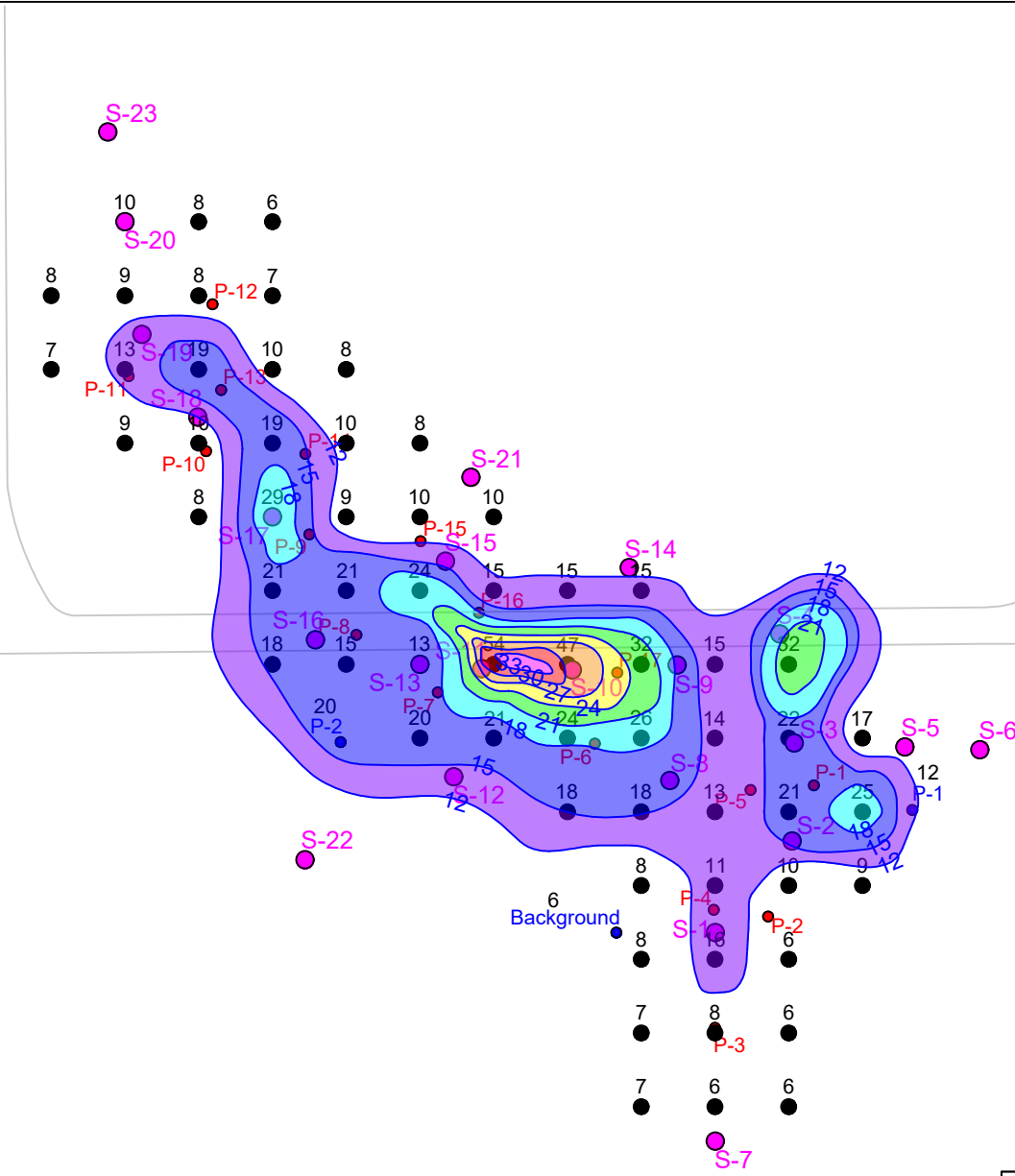
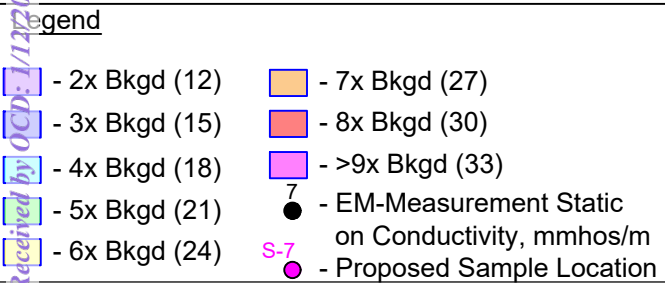
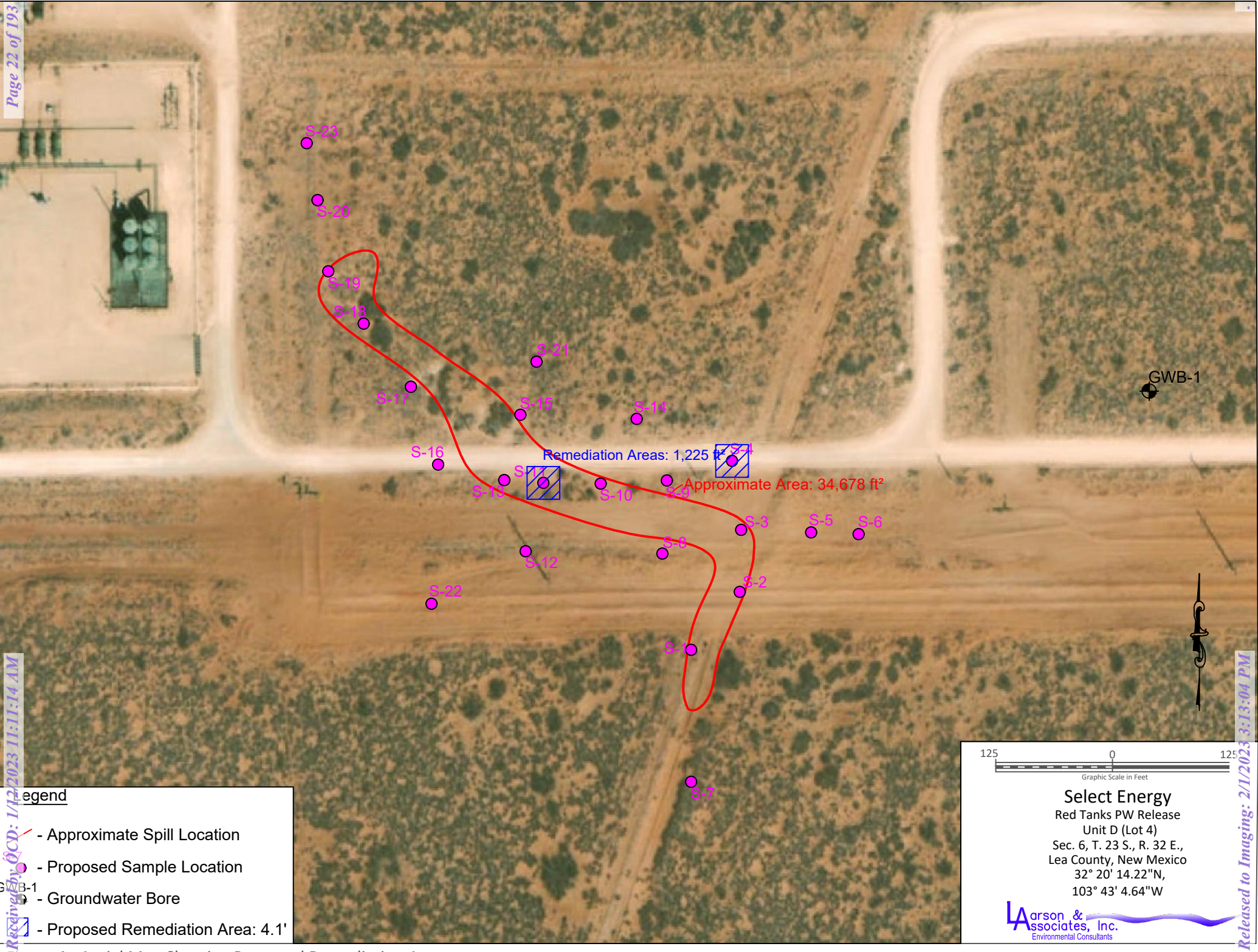


Figure 3b - EM-Survey VD Conductivity Map



**Legend**

- Approximate Spill Location
- Proposed Sample Location
- Groundwater Bore
- Proposed Remediation Area: 4.1'

125 0 125

Graphic Scale in Feet

**Select Energy**  
Red Tanks PW Release  
Unit D (Lot 4)  
Sec. 6, T. 23 S., R. 32 E.,  
Lea County, New Mexico  
32° 20' 14.22"N,  
103° 43' 4.64"W

**Larson & Associates, Inc.**  
Environmental Consultants

Figure 4 - Aerial Map Showing Proposed Remediation Areas

## **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       | OGRID                        |
| Contact Name            | Contact Telephone            |
| Contact email           | Incident # (assigned by OCD) |
| Contact mailing address |                              |

Location of Release Source

Latitude \_\_\_\_\_ Longitude \_\_\_\_\_  
(NAD 83 in decimal degrees to 5 decimal places)

|                         |                      |
|-------------------------|----------------------|
| Site Name               | Site Type            |
| Date Release Discovered | API# (if applicable) |

|             |         |          |       |        |
|-------------|---------|----------|-------|--------|
| Unit Letter | Section | Township | Range | County |
| C           |         |          |       |        |

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)

|                                           |                                                                                |                                                          |
|-------------------------------------------|--------------------------------------------------------------------------------|----------------------------------------------------------|
| <input type="checkbox"/> Crude Oil        | Volume Released (bbls)                                                         | Volume Recovered (bbls)                                  |
| <input type="checkbox"/> Produced Water   | Volume Released (bbls)                                                         | Volume Recovered (bbls)                                  |
|                                           | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate       | Volume Released (bbls)                                                         | Volume Recovered (bbls)                                  |
| <input type="checkbox"/> Natural Gas      | Volume Released (Mcf)                                                          | Volume Recovered (Mcf)                                   |
| <input type="checkbox"/> Other (describe) | Volume/Weight Released (provide units)                                         | Volume/Weight Recovered (provide units)                  |

Cause of Release

|                |  |
|----------------|--|
| Incident ID    |  |
| District RP    |  |
| Facility ID    |  |
| Application ID |  |

|                                                                                                                                   |                                                                                             |
|-----------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|
| <p>Was this a major release as defined by 19.15.29.7(A) NMAC?</p> <p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> | <p>If YES, for what reason(s) does the responsible party consider this a major release?</p> |
| <p>If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?</p>               |                                                                                             |

## Initial Response

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

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

**Appendix B**  
**BLM Communications**

**From:** [Morgan, Crisha A](#)  
**To:** [Flores, Rick R](#); [Robert Nelson](#)  
**Cc:** [Halie Butler](#); [Mark Larson](#); [Amos, James A](#); [CFO Spill, BLM NM](#)  
**Subject:** Re: [EXTERNAL] Select Energy, Red Tanks Produced Water Release BLM Update and Approval Request  
**Date:** Wednesday, April 6, 2022 10:50:07 AM  
**Attachments:** [image001.png](#)  
[Outlook-pvoqpi5u.png](#)  
[MUE FORM 2022.docx](#)

---

All,

My Environmental review is as follows:

BLM Surface/ BLM Minerals

No Cave/Karst

An Arch Survey will not be required for this release as it falls in a previously surveyed area

This release is within Lesser Prairie Chicken Habitat

BLM Seed Mixture #2 LPC is required for the reclamation of this spill

Please submit a Sundry Notice of Intent for a disturbance request with the estimated acreage of disturbance for the release and clean-up, as well as the completed MUE form attached above. Also, please submit any information that you have pertaining to the litigation findings so we can add this information to this spill file.

Please consider this BLM's approval to begin remediation and clean-up for this release, to include full vertical and horizontal delineation. Please keep the BLM updated if any problems prevent remediation for the site.

If you have any questions or concerns, please let me know.

Thank you,

**Crisha A. Morgan** | Certified - Environmental Protection Specialist | Program Officer | COR | Spills Coordinator | Orphaned Well POC Lead  
Bureau of Land Management | Carlsbad Field Office  
620 E. Greene Street Carlsbad, NM 88220  
Cell 575-200-8648 | Office 575-234-5987 | [camorgan@blm.gov](mailto:camorgan@blm.gov)



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---

**From:** Flores, Rick R <rflores@blm.gov>  
**Sent:** Tuesday, April 5, 2022 8:06 PM  
**To:** Robert Nelson <rnelson@laenvironmental.com>; Morgan, Crisha A <camorgan@blm.gov>  
**Cc:** Halie Butler <HButler@selectenergy.com>; Mark Larson <Mark@laenvironmental.com>  
**Subject:** Re: [EXTERNAL] Select Energy, Red Tanks Produced Water Release BLM Update and Approval Request

Robert,

From the map provided, this looks like the Carlsbad Field Office should have been notified immediately since this was a major undesirable event that occurred.

I have added Crisha Morgan to this email, she does a lot of work for Carlsbad in the undesirable events. She will probably be requesting more information if there was never any notice sent to BLM.

Thanks,

Ricky Flores

Natural Resource Specialist  
U.S. Dept. of the Interior  
Bureau of Land Management  
Roswell Field Office  
2909 W. 2nd St.  
Roswell, NM 88201  
575-627-0339

---

**From:** Robert Nelson <rnelson@laenvironmental.com>  
**Sent:** Tuesday, April 5, 2022 8:15 AM  
**To:** Flores, Rick R <rflores@blm.gov>  
**Cc:** Halie Butler <HButler@selectenergy.com>; Mark Larson <Mark@laenvironmental.com>  
**Subject:** [EXTERNAL] Select Energy, Red Tanks Produced Water Release BLM Update and Approval Request

**This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.**

Hello Mr. Flores,

On March 11, 2020, Charger Services, under contract with Solaris Water Midstream to construct a buried pipeline, struck a Select Energy Services, Inc. (Select) lay-flat line releasing approximately

2,160 barrels (bbls) of treated produced water with no fluid recovery. Fluid was released into the right of way (ROW) and nearby pasture to the northeast. Larson & Associates, Inc. (LAI) personnel initially mapped the spill area on April 16, 2020 and collected photographic documentation of the release area.

Between April 2020 and March 2022, Charger Services and Select Energy were in litigation regarding the responsible party for the release. On March 25, 2022, LAI personnel conducted an electromagnetic (EM) survey to qualitatively assess the subsurface soils for impacts relating to the produced water release. The EM survey was conducted using an EM-31 which has exploration capabilities ranging from 0 to 9.8 feet below ground surface (bgs) in the HD mode and 0 to 19.7 feet bgs in the VD mode. The EM measurements were collected in the HD and VD mode and compared to the background reading at a location free of cultural interference and environmental impacts. The measurements collected were used to accurately map the boundaries of the release and assess anomalies from the produced water which result in higher conductivity than the surrounding native soil.

The EM measurements and the subsequent conductivity maps depict the release that occurred in the ROW and spread into the adjacent pasture to the northwest. LAI personnel requests approval from the Bureau of Land Management (BLM) as land owner to collect soil samples to vertically and horizontally delineate the release according to 19.15.29.12 (C) NMAC. LAI personnel will use the Geoprobe 7822DT direct push rig to collect soil samples to a depth of approximately ten (10) feet bgs. Please find attached the initial C-141 submitted to the NMOCD and spill area with proposed delineation locations. If you have any questions regarding this information please let me know.

Thank you,

Robert Nelson  
Sr. Geologist  
Office – 432-687-0901  
Cell – 432-664-4804

[rnelson@laenvironmental.com](mailto:rnelson@laenvironmental.com)



**Appendix C**  
**Karst Risk Potential**



Low

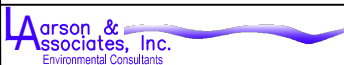
Red Tanks

**Appendix D**  
**Soil Boring Log**

## BORING RECORD

| GEOLOGIC UNIT | DEPTH | Start: 9:46 MST<br>Finish: 11:46<br>DESCRIPTION LITHOLOGIC                                | DESCRIPTION USCS | GRAPHIC LOG | PID READING |   |   |   |    |    |    |    |    |  | SAMPLE |             |          | REMARKS |                           |
|---------------|-------|-------------------------------------------------------------------------------------------|------------------|-------------|-------------|---|---|---|----|----|----|----|----|--|--------|-------------|----------|---------|---------------------------|
|               |       |                                                                                           |                  |             | PPM X _____ |   |   |   |    |    |    |    |    |  | NUMBER | PID READING | RECOVERY | DEPTH   | BACKGROUND<br>PID READING |
|               |       |                                                                                           |                  |             | 2           | 4 | 6 | 8 | 10 | 12 | 14 | 16 | 18 |  |        |             |          |         |                           |
|               | 0     | Sand, 7.5YR 7/6, Reddish Yellow, Very Fine Grained Quartz Sand, Well Sorted, Well Rounded | SW               |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 5     | Caliche, 7.5YR 8/1, White, Well Cemented                                                  | Caliche          |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 10    | Sand, 5YR 6/6, Reddish Yellow, Very Fine Grained Quartz Sand, Well Sorted, Well Rounded   | SW               |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 15    |                                                                                           |                  |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 20    |                                                                                           |                  |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 25    |                                                                                           |                  |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 30    |                                                                                           |                  |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 35    |                                                                                           | SW               |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 40    |                                                                                           |                  |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 45    |                                                                                           |                  |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 50    |                                                                                           |                  |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 55    |                                                                                           |                  |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 60    | Sandstone, 7.5YR 6/6, Reddish Yellow, Coarse Sand, Sub Rounded                            | SW               |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |
|               | 65    | " " Sub Angular                                                                           | Sand Stone       |             |             |   |   |   |    |    |    |    |    |  |        |             |          |         |                           |

|                                                                                    |                                                         |                                                    |
|------------------------------------------------------------------------------------|---------------------------------------------------------|----------------------------------------------------|
| <input type="checkbox"/> ONE CONTINUOUS AUGER SAMPLER                              | <input type="checkbox"/> WATER TABLE ( TIME OF BORING ) | JOB NUMBER : <u>Select Energy/ 22-0104-05</u>      |
| <input type="checkbox"/> STANDARD PENETRATION TEST                                 | <input type="checkbox"/> LABORATORY TEST LOCATION       | HOLE DIAMETER : <u>5"</u>                          |
| <input type="checkbox"/> UNDISTURBED SAMPLE                                        | <input type="checkbox"/> PENETROMETER ( TONS/ SQ. FT )  | LOCATION : <u>32° 20' 14.22"N, 103° 43' 4.64"W</u> |
| <input type="checkbox"/> WATER TABLE ( 24 HRS )                                    | <input type="checkbox"/> NO RECOVERY                    | LAI GEOLOGIST : <u>R. Nelson</u>                   |
|  |                                                         | DRILLING CONTRACTOR : <u>SDI</u>                   |
| DRILL DATE : <u>10/13/2022</u>                                                     |                                                         | DRILLING METHOD : <u>Air Rotary</u>                |
| BORING NUMBER : <u>GWB-1</u>                                                       |                                                         |                                                    |

## BORING RECORD

| GEOLOGIC UNIT | DEPTH | Start: 09:46 MST<br>Finish: 11:46<br>DESCRIPTION LITHOLOGIC                                   | DESCRIPTION USCS | GRAPHIC LOG | PID READING                                                                                   |    |   |   |    |    |    |    |    |  | SAMPLE |             | REMARKS  |       |                                                                   |  |
|---------------|-------|-----------------------------------------------------------------------------------------------|------------------|-------------|-----------------------------------------------------------------------------------------------|----|---|---|----|----|----|----|----|--|--------|-------------|----------|-------|-------------------------------------------------------------------|--|
|               |       |                                                                                               |                  |             | PPM X _____                                                                                   |    |   |   |    |    |    |    |    |  | NUMBER | PID READING | RECOVERY | DEPTH | BACKGROUND<br>PID READING<br>SOIL : _____ PPM<br>SOIL : _____ PPM |  |
|               |       |                                                                                               |                  |             | 2                                                                                             | 4  | 6 | 8 | 10 | 12 | 14 | 16 | 18 |  |        |             |          |       |                                                                   |  |
|               | 70    | Sand, 5YR 6/6, Reddish Yellow,<br>Very Fine Grained Quartz Sand,<br>Well Sorted, Well Rounded | SW               |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 75    |                                                                                               |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 80    |                                                                                               |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 85    |                                                                                               |                  |             | Clay, 5YR 6/6, Reddish Yellow,<br>Very Fine Grained Quartz Sand,<br>Well Sorted, Well Rounded | CH |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 90    |                                                                                               |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 95    |                                                                                               |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 100   |                                                                                               |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 105   |                                                                                               |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 110   |                                                                                               |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 115   | TD: 115<br>Dry                                                                                |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 120   |                                                                                               |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 125   |                                                                                               |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |
|               | 130   |                                                                                               |                  |             |                                                                                               |    |   |   |    |    |    |    |    |  |        |             |          |       |                                                                   |  |

☐ ONE CONTINUOUS AUGER SAMPLER

☐ STANDARD PENETRATION TEST

☐ UNDISTURBED SAMPLE

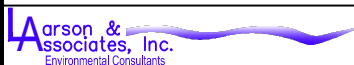
☐ WATER TABLE ( 24 HRS )

WATER TABLE ( TIME OF BORING )

LABORATORY TEST LOCATION

PENETROMETER ( TONS/ SQ. FT )

NO RECOVERY

JOB NUMBER : Select Energy/ 22-0104-05HOLE DIAMETER : 5"LOCATION : Red Tanks PW ReleaseLOCATION : 32° 20' 14.22"N, 103° 43' 4.64"WLAI GEOLOGIST : R. NelsonDRILLING CONTRACTOR : SDIDRILLING METHOD : Air Rotary

DRILL DATE :

10/13/2022

BORING NUMBER :

GWB-1

**Appendix E**  
**Laboratory Reports**

**PERMIAN BASIN  
ENVIRONMENTAL LAB, LP  
1400 Rankin Hwy  
Midland, TX 79701**



# Analytical Report

**Prepared for:**

Mark Larson  
Larson & Associates, Inc.  
P.O. Box 50685  
Midland, TX 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Location: New Mexico  
Lab Order Number: 2115005



**Current Certification**

Report Date: 09/26/22

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

## ANALYTICAL REPORT FOR SAMPLES

| Sample ID  | Laboratory ID | Matrix | Date Sampled   | Date Received    |
|------------|---------------|--------|----------------|------------------|
| S-23 @ 1'  | 2115005-01    | Soil   | 09/12/22 13:40 | 09-15-2022 09:15 |
| S-23 @ 3'  | 2115005-02    | Soil   | 09/12/22 13:41 | 09-15-2022 09:15 |
| S-23 @ 5'  | 2115005-03    | Soil   | 09/12/22 13:45 | 09-15-2022 09:15 |
| S-23 @ 10' | 2115005-04    | Soil   | 09/12/22 13:46 | 09-15-2022 09:15 |
| S-20 @ 1'  | 2115005-05    | Soil   | 09/12/22 14:15 | 09-15-2022 09:15 |
| S-20 @ 3'  | 2115005-06    | Soil   | 09/12/22 14:16 | 09-15-2022 09:15 |
| S-20 @ 5'  | 2115005-07    | Soil   | 09/12/22 14:20 | 09-15-2022 09:15 |
| S-20 @ 10' | 2115005-08    | Soil   | 09/12/22 14:21 | 09-15-2022 09:15 |
| S-19 @ 1'  | 2115005-09    | Soil   | 09/13/22 10:30 | 09-15-2022 09:15 |
| S-19 @ 3'  | 2115005-10    | Soil   | 09/13/22 10:31 | 09-15-2022 09:15 |
| S-19 @ 5'  | 2115005-11    | Soil   | 09/13/22 10:40 | 09-15-2022 09:15 |
| S-19 @ 10' | 2115005-12    | Soil   | 09/13/22 10:45 | 09-15-2022 09:15 |
| S-19 @ 15' | 2115005-13    | Soil   | 09/13/22 11:00 | 09-15-2022 09:15 |
| S-18 @ 1'  | 2115005-14    | Soil   | 09/13/22 11:35 | 09-15-2022 09:15 |
| S-18 @ 3'  | 2115005-15    | Soil   | 09/13/22 11:36 | 09-15-2022 09:15 |
| S-18 @ 5'  | 2115005-16    | Soil   | 09/13/22 11:40 | 09-15-2022 09:15 |
| S-18 @ 10' | 2115005-17    | Soil   | 09/13/22 11:41 | 09-15-2022 09:15 |
| S-18 @ 15' | 2115005-18    | Soil   | 09/13/22 12:10 | 09-15-2022 09:15 |
| S-18 @ 20' | 2115005-19    | Soil   | 09/13/22 13:20 | 09-15-2022 09:15 |
| S-17 @ 1'  | 2115005-20    | Soil   | 09/14/22 10:00 | 09-15-2022 09:15 |
| S-17 @ 3'  | 2115005-21    | Soil   | 09/14/22 10:01 | 09-15-2022 09:15 |
| S-17 @ 5'  | 2115005-22    | Soil   | 09/14/22 10:05 | 09-15-2022 09:15 |
| S-17 @ 10' | 2115005-23    | Soil   | 09/14/22 10:06 | 09-15-2022 09:15 |
| S-16 @ 1'  | 2115005-24    | Soil   | 09/14/22 10:30 | 09-15-2022 09:15 |
| S-16 @ 3'  | 2115005-25    | Soil   | 09/14/22 10:31 | 09-15-2022 09:15 |
| S-16 @ 5'  | 2115005-26    | Soil   | 09/14/22 10:35 | 09-15-2022 09:15 |
| S-16 @ 10' | 2115005-27    | Soil   | 09/14/22 10:36 | 09-15-2022 09:15 |
| S-15 @ 1'  | 2115005-28    | Soil   | 09/14/22 11:05 | 09-15-2022 09:15 |
| S-15 @ 3'  | 2115005-29    | Soil   | 09/14/22 11:06 | 09-15-2022 09:15 |
| S-15 @ 5'  | 2115005-30    | Soil   | 09/14/22 11:10 | 09-15-2022 09:15 |
| S-15 @ 10' | 2115005-31    | Soil   | 09/14/22 11:11 | 09-15-2022 09:15 |
| S-15 @ 15' | 2115005-32    | Soil   | 09/14/22 11:30 | 09-15-2022 09:15 |
| S-15 @ 20' | 2115005-33    | Soil   | 09/14/22 12:00 | 09-15-2022 09:15 |
| S-21 @ 1'  | 2115005-34    | Soil   | 09/14/22 12:15 | 09-15-2022 09:15 |

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**ANALYTICAL REPORT FOR SAMPLES**

| Sample ID  | Laboratory ID | Matrix | Date Sampled   | Date Received    |
|------------|---------------|--------|----------------|------------------|
| S-21 @ 3'  | 2115005-35    | Soil   | 09/14/22 12:16 | 09-15-2022 09:15 |
| S-21 @ 5'  | 2115005-36    | Soil   | 09/14/22 12:20 | 09-15-2022 09:15 |
| S-21 @ 10' | 2115005-37    | Soil   | 09/14/22 12:21 | 09-15-2022 09:15 |
| S-14 @ 1'  | 2115005-38    | Soil   | 09/14/22 12:45 | 09-15-2022 09:15 |
| S-14 @ 3'  | 2115005-39    | Soil   | 09/14/22 12:46 | 09-15-2022 09:15 |
| S-14 @ 5'  | 2115005-40    | Soil   | 09/14/22 12:50 | 09-15-2022 09:15 |
| S-14 @ 10' | 2115005-41    | Soil   | 09/14/22 12:51 | 09-15-2022 09:15 |

Permian Basin Environmental Lab, L.P.

*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.*

1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-23 @ 1'**  
**2I15005-01 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00101 | mg/kg dry | 1 | P211611 | 09/16/22 15:22 | 09/18/22 16:40 | EPA 8021B |  |
| Toluene                         | ND     | 0.00101 | mg/kg dry | 1 | P211611 | 09/16/22 15:22 | 09/18/22 16:40 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00101 | mg/kg dry | 1 | P211611 | 09/16/22 15:22 | 09/18/22 16:40 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00202 | mg/kg dry | 1 | P211611 | 09/16/22 15:22 | 09/18/22 16:40 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00101 | mg/kg dry | 1 | P211611 | 09/16/22 15:22 | 09/18/22 16:40 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 105 %  |         | 80-120    |   | P211611 | 09/16/22 15:22 | 09/18/22 16:40 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 94.8 % |         | 80-120    |   | P211611 | 09/16/22 15:22 | 09/18/22 16:40 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 5.95 | 1.01 | mg/kg dry | 1 | P211512 | 09/15/22 16:00 | 09/15/22 20:20 | EPA 300.0  |  |
| % Moisture | 1.0  | 0.1  | %         | 1 | P211602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 25.3 | mg/kg dry | 1 | P211605 | 09/16/22 09:30 | 09/17/22 14:05 | TPH 8015M |  |
| >C12-C28                           | ND    | 25.3 | mg/kg dry | 1 | P211605 | 09/16/22 09:30 | 09/17/22 14:05 | TPH 8015M |  |
| >C28-C35                           | ND    | 25.3 | mg/kg dry | 1 | P211605 | 09/16/22 09:30 | 09/17/22 14:05 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 109 % |      | 70-130    |   | P211605 | 09/16/22 09:30 | 09/17/22 14:05 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 117 % |      | 70-130    |   | P211605 | 09/16/22 09:30 | 09/17/22 14:05 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 25.3 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 14:05 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-23 @ 3'**  
**2I15005-02 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00104 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/18/22 17:02 | EPA 8021B |  |
| Toluene                         | ND     | 0.00104 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/18/22 17:02 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00104 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/18/22 17:02 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00208 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/18/22 17:02 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00104 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/18/22 17:02 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 95.5 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/18/22 17:02 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 105 %  |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/18/22 17:02 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 4.31 | 1.04 | mg/kg dry | 1 | P2I1512 | 09/15/22 16:00 | 09/15/22 21:00 | EPA 300.0  |  |
| % Moisture | 4.0  | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 26.0 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 14:27 | TPH 8015M |  |
| >C12-C28                           | ND    | 26.0 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 14:27 | TPH 8015M |  |
| >C28-C35                           | ND    | 26.0 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 14:27 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 107 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 14:27 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 113 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 14:27 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 26.0 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 14:27 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-23 @ 5'**  
**2I15005-03 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 07:27 | EPA 8021B |  |
| Toluene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 07:27 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 07:27 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00204 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 07:27 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 07:27 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 97.0 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 07:27 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 107 %  |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 07:27 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 3.95 | 1.02 | mg/kg dry | 1 | P2I1512 | 09/15/22 16:00 | 09/15/22 21:40 | EPA 300.0  |  |
| % Moisture | 2.0  | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 14:49 | TPH 8015M |  |
| >C12-C28                           | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 14:49 | TPH 8015M |  |
| >C28-C35                           | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 14:49 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 116 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 14:49 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 124 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 14:49 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 25.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 14:49 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-23 @ 10'**  
**2I15005-04 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00109 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 07:47 | EPA 8021B |  |
| Toluene                         | ND     | 0.00109 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 07:47 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00109 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 07:47 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00217 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 07:47 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00109 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 07:47 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 96.4 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 07:47 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 97.4 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 07:47 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 6.53 | 1.09 | mg/kg dry | 1 | P2I1512 | 09/15/22 16:00 | 09/15/22 21:53 | EPA 300.0  |  |
| % Moisture | 8.0  | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |       |      |           |   |         |                |                |           |  |
|---------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND    | 27.2 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 15:11 | TPH 8015M |  |
| >C12-C28                              | ND    | 27.2 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 15:11 | TPH 8015M |  |
| >C28-C35                              | ND    | 27.2 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 15:11 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 108 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 15:11 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 108 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 15:11 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND    | 27.2 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 15:11 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-20 @ 1'**  
**2I15005-05 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00101 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:08 | EPA 8021B |  |
| Toluene                         | ND     | 0.00101 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:08 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00101 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:08 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00202 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:08 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00101 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:08 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 94.4 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 08:08 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 91.4 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 08:08 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 3.76 | 1.01 | mg/kg dry | 1 | P2I1512 | 09/15/22 16:00 | 09/15/22 22:06 | EPA 300.0  |  |
| % Moisture | 1.0  | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 25.3 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 15:33 | TPH 8015M |  |
| >C12-C28                           | ND    | 25.3 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 15:33 | TPH 8015M |  |
| >C28-C35                           | ND    | 25.3 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 15:33 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 107 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 15:33 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 115 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 15:33 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 25.3 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 15:33 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-20 @ 3'**  
**2I15005-06 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:29 | EPA 8021B |  |
| Toluene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:29 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:29 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00204 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:29 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:29 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 91.6 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 08:29 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 100 %  |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 08:29 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 3.67 | 1.02 | mg/kg dry | 1 | P2I1512 | 09/15/22 16:00 | 09/15/22 22:20 | EPA 300.0  |  |
| % Moisture | 2.0  | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 16:40 | TPH 8015M |  |
| >C12-C28                           | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 16:40 | TPH 8015M |  |
| >C28-C35                           | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 16:40 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 111 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 16:40 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 116 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 16:40 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 25.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 16:40 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-20 @ 5'**  
**2I15005-07 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00104 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:50 | EPA 8021B |  |
| Toluene                         | ND     | 0.00104 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:50 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00104 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:50 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00208 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:50 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00104 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 08:50 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 96.2 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 08:50 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 93.8 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 08:50 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 3.65 | 1.04 | mg/kg dry | 1 | P2I1512 | 09/15/22 16:00 | 09/15/22 22:33 | EPA 300.0  |  |
| % Moisture | 4.0  | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 26.0 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 17:02 | TPH 8015M |  |
| >C12-C28                           | ND    | 26.0 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 17:02 | TPH 8015M |  |
| >C28-C35                           | ND    | 26.0 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 17:02 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 102 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 17:02 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 107 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 17:02 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 26.0 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 17:02 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-20 @ 10'**  
**2I15005-08 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00109 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 09:21 | EPA 8021B |  |
| Toluene                         | ND     | 0.00109 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 09:21 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00109 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 09:21 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00217 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 09:21 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00109 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 09:21 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 94.8 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 09:21 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 116 %  |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 09:21 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 9.60 | 1.09 | mg/kg dry | 1 | P2I1512 | 09/15/22 16:00 | 09/15/22 22:46 | EPA 300.0  |  |
| % Moisture | 8.0  | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 27.2 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 17:24 | TPH 8015M |  |
| >C12-C28                           | ND    | 27.2 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 17:24 | TPH 8015M |  |
| >C28-C35                           | ND    | 27.2 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 17:24 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 102 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 17:24 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 109 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 17:24 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 27.2 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 17:24 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-19 @ 1'**  
**2I15005-09 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 09:42 | EPA 8021B |  |
| Toluene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 09:42 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 09:42 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00204 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 09:42 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00102 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 09:42 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 103 %  |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 09:42 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 93.1 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 09:42 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 7.86 | 1.02 | mg/kg dry | 1 | P2I1512 | 09/15/22 16:00 | 09/15/22 23:00 | EPA 300.0  |  |
| % Moisture | 2.0  | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |       |      |           |   |         |                |                |           |  |
|---------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 17:46 | TPH 8015M |  |
| >C12-C28                              | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 17:46 | TPH 8015M |  |
| >C28-C35                              | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 17:46 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 105 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 17:46 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 112 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 17:46 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND    | 25.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 17:46 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-19 @ 3'**  
**2I15005-10 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00112 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 10:04 | EPA 8021B |  |
| Toluene                         | ND     | 0.00112 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 10:04 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00112 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 10:04 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00225 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 10:04 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00112 | mg/kg dry | 1 | P2I1611 | 09/16/22 15:22 | 09/19/22 10:04 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 91.6 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 10:04 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 98.3 % |         | 80-120    |   | P2I1611 | 09/16/22 15:22 | 09/19/22 10:04 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 16.9 | 1.12 | mg/kg dry | 1 | P2I1512 | 09/15/22 16:00 | 09/15/22 23:13 | EPA 300.0  |  |
| % Moisture | 11.0 | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 28.1 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 18:08 | TPH 8015M |  |
| >C12-C28                           | ND    | 28.1 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 18:08 | TPH 8015M |  |
| >C28-C35                           | ND    | 28.1 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 18:08 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 102 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 18:08 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 110 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 18:08 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 28.1 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 18:08 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-19 @ 5'**  
**2I15005-11 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00114 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 01:27 | EPA 8021B |  |
| Toluene                         | ND     | 0.00114 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 01:27 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00114 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 01:27 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00227 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 01:27 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00114 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 01:27 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 111 %  |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 01:27 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 94.0 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 01:27 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 174  | 1.14 | mg/kg dry | 1 | P211512 | 09/15/22 16:00 | 09/15/22 23:26 | EPA 300.0  |  |
| % Moisture | 12.0 | 0.1  | %         | 1 | P211602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 28.4 | mg/kg dry | 1 | P211605 | 09/16/22 09:30 | 09/17/22 18:30 | TPH 8015M |  |
| >C12-C28                           | ND    | 28.4 | mg/kg dry | 1 | P211605 | 09/16/22 09:30 | 09/17/22 18:30 | TPH 8015M |  |
| >C28-C35                           | ND    | 28.4 | mg/kg dry | 1 | P211605 | 09/16/22 09:30 | 09/17/22 18:30 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 113 % |      | 70-130    |   | P211605 | 09/16/22 09:30 | 09/17/22 18:30 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 123 % |      | 70-130    |   | P211605 | 09/16/22 09:30 | 09/17/22 18:30 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 28.4 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 18:30 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-19 @ 10'**  
**2I15005-12 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00114 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/21/22 10:38 | EPA 8021B |  |
| Toluene                         | ND     | 0.00114 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/21/22 10:38 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00114 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/21/22 10:38 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00227 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/21/22 10:38 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00114 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/21/22 10:38 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 92.5 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/21/22 10:38 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 104 %  |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/21/22 10:38 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |    |         |                |                |            |  |
|------------|------|------|-----------|----|---------|----------------|----------------|------------|--|
| Chloride   | 4910 | 11.4 | mg/kg dry | 10 | P2I1604 | 09/16/22 08:57 | 09/16/22 10:58 | EPA 300.0  |  |
| % Moisture | 12.0 | 0.1  | %         | 1  | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 28.4 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 18:52 | TPH 8015M |  |
| >C12-C28                           | ND    | 28.4 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 18:52 | TPH 8015M |  |
| >C28-C35                           | ND    | 28.4 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 18:52 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 106 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 18:52 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 117 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 18:52 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 28.4 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 18:52 | calc      |  |

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-19 @ 15'**  
**2I15005-13 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00112 | mg/kg dry | 1 | P211613 | 09/16/22 15:32 | 09/21/22 11:00 | EPA 8021B |  |
| Toluene                         | ND     | 0.00112 | mg/kg dry | 1 | P211613 | 09/16/22 15:32 | 09/21/22 11:00 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00112 | mg/kg dry | 1 | P211613 | 09/16/22 15:32 | 09/21/22 11:00 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00225 | mg/kg dry | 1 | P211613 | 09/16/22 15:32 | 09/21/22 11:00 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00112 | mg/kg dry | 1 | P211613 | 09/16/22 15:32 | 09/21/22 11:00 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 105 %  |         | 80-120    |   | P211613 | 09/16/22 15:32 | 09/21/22 11:00 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 93.4 % |         | 80-120    |   | P211613 | 09/16/22 15:32 | 09/21/22 11:00 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 199  | 1.12 | mg/kg dry | 1 | P211604 | 09/16/22 08:57 | 09/16/22 11:37 | EPA 300.0  |  |
| % Moisture | 11.0 | 0.1  | %         | 1 | P211602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 28.1 | mg/kg dry | 1 | P211605 | 09/16/22 09:30 | 09/17/22 19:14 | TPH 8015M |  |
| >C12-C28                           | ND    | 28.1 | mg/kg dry | 1 | P211605 | 09/16/22 09:30 | 09/17/22 19:14 | TPH 8015M |  |
| >C28-C35                           | ND    | 28.1 | mg/kg dry | 1 | P211605 | 09/16/22 09:30 | 09/17/22 19:14 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 108 % |      | 70-130    |   | P211605 | 09/16/22 09:30 | 09/17/22 19:14 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 116 % |      | 70-130    |   | P211605 | 09/16/22 09:30 | 09/17/22 19:14 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 28.1 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 19:14 | calc      |  |

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-18 @ 1'**  
**2I15005-14 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 21:19 | EPA 8021B |  |
| Toluene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 21:19 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00102 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 21:19 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00204 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 21:19 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00102 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 21:19 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 92.8 % |         | 80-120    |   | P2I2310 | 09/23/22 12:23 | 09/23/22 21:19 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 104 %  |         | 80-120    |   | P2I2310 | 09/23/22 12:23 | 09/23/22 21:19 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 19.9 | 1.02 | mg/kg dry | 1 | P2I1604 | 09/16/22 08:57 | 09/16/22 11:51 | EPA 300.0  |  |
| % Moisture | 2.0  | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |       |      |           |   |         |                |                |           |  |
|---------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 19:36 | TPH 8015M |  |
| >C12-C28                              | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 19:36 | TPH 8015M |  |
| >C28-C35                              | ND    | 25.5 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 19:36 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 112 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 19:36 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 121 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 19:36 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND    | 25.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 19:36 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-18 @ 3'**  
**2I15005-15 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00104 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 21:40 | EPA 8021B |  |
| Toluene                         | ND     | 0.00104 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 21:40 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00104 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 21:40 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00208 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 21:40 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00104 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 21:40 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 92.2 % |         | 80-120    |   | P2I2310 | 09/23/22 12:23 | 09/23/22 21:40 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 108 %  |         | 80-120    |   | P2I2310 | 09/23/22 12:23 | 09/23/22 21:40 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 20.1 | 1.04 | mg/kg dry | 1 | P2I1604 | 09/16/22 08:57 | 09/16/22 12:04 | EPA 300.0  |  |
| % Moisture | 4.0  | 0.1  | %         | 1 | P2I1602 | 09/16/22 08:50 | 09/16/22 08:51 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 26.0 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 19:58 | TPH 8015M |  |
| >C12-C28                           | ND    | 26.0 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 19:58 | TPH 8015M |  |
| >C28-C35                           | ND    | 26.0 | mg/kg dry | 1 | P2I1605 | 09/16/22 09:30 | 09/17/22 19:58 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 111 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 19:58 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 119 % |      | 70-130    |   | P2I1605 | 09/16/22 09:30 | 09/17/22 19:58 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 26.0 | mg/kg dry | 1 | [CALC]  | 09/16/22 09:30 | 09/17/22 19:58 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-18 @ 5'**  
**2I15005-16 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00102 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 01:49 | EPA 8021B |  |
| Toluene                         | ND     | 0.00102 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 01:49 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00102 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 01:49 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00204 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 01:49 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00102 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 01:49 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 99.9 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 01:49 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 94.4 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 01:49 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 43.2 | 1.02 | mg/kg dry | 1 | P211604 | 09/16/22 08:57 | 09/16/22 12:17 | EPA 300.0  |  |
| % Moisture | 2.0  | 0.1  | %         | 1 | P211607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |       |      |           |   |         |                |                |           |  |
|---------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND    | 25.5 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 17:59 | TPH 8015M |  |
| >C12-C28                              | ND    | 25.5 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 17:59 | TPH 8015M |  |
| >C28-C35                              | ND    | 25.5 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 17:59 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 105 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 17:59 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 115 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 17:59 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND    | 25.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 17:59 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-18 @ 10'**  
**2I15005-17 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00111 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:10 | EPA 8021B |  |
| Toluene                         | ND     | 0.00111 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:10 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00111 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:10 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00222 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:10 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00111 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:10 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 92.9 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 02:10 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 110 %  |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 02:10 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 2020 | 5.56 | mg/kg dry | 5 | P211604 | 09/16/22 08:57 | 09/20/22 09:16 | EPA 300.0  |  |
| % Moisture | 10.0 | 0.1  | %         | 1 | P211607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |       |      |           |   |         |                |                |           |  |
|------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND    | 27.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 18:22 | TPH 8015M |  |
| >C12-C28                           | ND    | 27.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 18:22 | TPH 8015M |  |
| >C28-C35                           | ND    | 27.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 18:22 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 104 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 18:22 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 113 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 18:22 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND    | 27.8 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 18:22 | calc      |  |

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-18 @ 15'**  
**2I15005-18 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00109 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:31 | EPA 8021B |  |
| Toluene                         | ND     | 0.00109 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:31 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00109 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:31 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00217 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:31 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00109 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:31 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 93.1 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 02:31 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 109 %  |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 02:31 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 1210 | 5.43 | mg/kg dry | 5 | P211604 | 09/16/22 08:57 | 09/20/22 09:30 | EPA 300.0  |  |
| % Moisture | 8.0  | 0.1  | %         | 1 | P211607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 27.2 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 18:45 | TPH 8015M |  |
| >C12-C28                           | ND     | 27.2 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 18:45 | TPH 8015M |  |
| >C28-C35                           | ND     | 27.2 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 18:45 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 93.2 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 18:45 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 104 %  |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 18:45 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 27.2 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 18:45 | calc      |  |

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-18 @ 20'**  
**2I15005-19 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00109 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:53 | EPA 8021B |  |
| Toluene                         | ND     | 0.00109 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:53 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00109 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:53 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00217 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:53 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00109 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 02:53 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 94.8 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 02:53 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 109 %  |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 02:53 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 59.6 | 1.09 | mg/kg dry | 1 | P211604 | 09/16/22 08:57 | 09/16/22 12:57 | EPA 300.0  |  |
| % Moisture | 8.0  | 0.1  | %         | 1 | P211607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 27.2 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 19:09 | TPH 8015M |  |
| >C12-C28                           | ND     | 27.2 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 19:09 | TPH 8015M |  |
| >C28-C35                           | ND     | 27.2 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 19:09 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 92.9 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 19:09 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 103 %  |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 19:09 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 27.2 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 19:09 | calc      |  |

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-17 @ 1'**  
**2I15005-20 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 03:14 | EPA 8021B |  |
| Toluene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 03:14 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00102 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 03:14 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00204 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 03:14 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00102 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 03:14 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 97.2 % |         | 80-120    |   | P2I1612 | 09/16/22 15:27 | 09/20/22 03:14 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 104 %  |         | 80-120    |   | P2I1612 | 09/16/22 15:27 | 09/20/22 03:14 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 30.3 | 1.02 | mg/kg dry | 1 | P2I1604 | 09/16/22 08:57 | 09/16/22 13:10 | EPA 300.0  |  |
| % Moisture | 2.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |        |      |           |   |         |                |                |           |  |
|---------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND     | 25.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 19:32 | TPH 8015M |  |
| >C12-C28                              | ND     | 25.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 19:32 | TPH 8015M |  |
| >C28-C35                              | ND     | 25.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 19:32 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 93.0 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/16/22 19:32 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 102 %  |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/16/22 19:32 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND     | 25.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 19:32 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-17 @ 3'**  
**2I15005-21 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 04:18 | EPA 8021B |  |
| Toluene                         | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 04:18 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 04:18 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00206 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 04:18 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 04:18 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 93.1 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 04:18 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 102 %  |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 04:18 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 44.0 | 1.03 | mg/kg dry | 1 | P211604 | 09/16/22 08:57 | 09/16/22 13:24 | EPA 300.0  |  |
| % Moisture | 3.0  | 0.1  | %         | 1 | P211607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |        |      |           |   |         |                |                |           |  |
|---------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND     | 25.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 19:55 | TPH 8015M |  |
| >C12-C28                              | ND     | 25.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 19:55 | TPH 8015M |  |
| >C28-C35                              | ND     | 25.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 19:55 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 93.2 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 19:55 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 101 %  |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 19:55 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND     | 25.8 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 19:55 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-17 @ 5'**  
**2I15005-22 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 04:40 | EPA 8021B |  |
| Toluene                         | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 04:40 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 04:40 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00206 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 04:40 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 04:40 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 91.4 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 04:40 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 106 %  |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 04:40 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |     |      |           |   |         |                |                |            |  |
|------------|-----|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 137 | 1.03 | mg/kg dry | 1 | P211604 | 09/16/22 08:57 | 09/16/22 14:04 | EPA 300.0  |  |
| % Moisture | 3.0 | 0.1  | %         | 1 | P211607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |        |      |           |   |         |                |                |           |  |
|---------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND     | 25.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 20:18 | TPH 8015M |  |
| >C12-C28                              | ND     | 25.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 20:18 | TPH 8015M |  |
| >C28-C35                              | ND     | 25.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 20:18 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 93.8 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 20:18 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 104 %  |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 20:18 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND     | 25.8 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 20:18 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-17 @ 10'**  
**2I15005-23 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00108 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 05:01 | EPA 8021B |  |
| Toluene                         | ND     | 0.00108 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 05:01 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00108 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 05:01 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00215 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 05:01 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00108 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 05:01 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 91.4 % |         | 80-120    |   | P2I1612 | 09/16/22 15:27 | 09/20/22 05:01 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 110 %  |         | 80-120    |   | P2I1612 | 09/16/22 15:27 | 09/20/22 05:01 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 24.2 | 1.08 | mg/kg dry | 1 | P2I1604 | 09/16/22 08:57 | 09/16/22 14:44 | EPA 300.0  |  |
| % Moisture | 7.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |        |      |           |   |         |                |                |           |  |
|---------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND     | 26.9 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 20:42 | TPH 8015M |  |
| >C12-C28                              | ND     | 26.9 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 20:42 | TPH 8015M |  |
| >C28-C35                              | ND     | 26.9 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 20:42 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 92.6 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/16/22 20:42 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 100 %  |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/16/22 20:42 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND     | 26.9 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 20:42 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-16 @ 1'**  
**2I15005-24 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00106 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 05:23 | EPA 8021B |  |
| Toluene                         | ND     | 0.00106 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 05:23 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00106 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 05:23 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00213 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 05:23 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00106 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 05:23 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 93.5 % |         | 80-120    |   | P2I1612 | 09/16/22 15:27 | 09/20/22 05:23 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 111 %  |         | 80-120    |   | P2I1612 | 09/16/22 15:27 | 09/20/22 05:23 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |     |      |           |   |         |                |                |            |  |
|------------|-----|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 266 | 1.06 | mg/kg dry | 1 | P2I1604 | 09/16/22 08:57 | 09/16/22 14:57 | EPA 300.0  |  |
| % Moisture | 6.0 | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 26.6 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 21:05 | TPH 8015M |  |
| >C12-C28                           | ND     | 26.6 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 21:05 | TPH 8015M |  |
| >C28-C35                           | ND     | 26.6 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 21:05 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 97.2 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/16/22 21:05 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 106 %  |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/16/22 21:05 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 26.6 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 21:05 | calc      |  |

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-16 @ 3'**  
**2I15005-25 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00102 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 05:44 | EPA 8021B |  |
| Toluene                         | ND     | 0.00102 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 05:44 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00102 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 05:44 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00204 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 05:44 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00102 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 05:44 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 94.1 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 05:44 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 103 %  |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 05:44 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |     |      |           |   |         |                |                |            |  |
|------------|-----|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 197 | 1.02 | mg/kg dry | 1 | P211604 | 09/16/22 08:57 | 09/16/22 15:10 | EPA 300.0  |  |
| % Moisture | 2.0 | 0.1  | %         | 1 | P211607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 25.5 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 21:28 | TPH 8015M |  |
| >C12-C28                           | ND     | 25.5 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 21:28 | TPH 8015M |  |
| >C28-C35                           | ND     | 25.5 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 21:28 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 97.9 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 21:28 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 108 %  |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 21:28 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 25.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 21:28 | calc      |  |

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-16 @ 5'**  
**2I15005-26 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00104 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 06:05 | EPA 8021B |  |
| Toluene                         | ND     | 0.00104 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 06:05 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00104 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 06:05 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00208 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 06:05 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00104 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 06:05 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 93.2 % |         | 80-120    |   | P2I1612 | 09/16/22 15:27 | 09/20/22 06:05 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 104 %  |         | 80-120    |   | P2I1612 | 09/16/22 15:27 | 09/20/22 06:05 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |     |      |           |   |         |                |                |            |  |
|------------|-----|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 223 | 1.04 | mg/kg dry | 1 | P2I1604 | 09/16/22 08:57 | 09/16/22 15:24 | EPA 300.0  |  |
| % Moisture | 4.0 | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 26.0 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 22:37 | TPH 8015M |  |
| >C12-C28                           | ND     | 26.0 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 22:37 | TPH 8015M |  |
| >C28-C35                           | ND     | 26.0 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 22:37 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 96.3 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/16/22 22:37 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 105 %  |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/16/22 22:37 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 26.0 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 22:37 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-16 @ 10'**  
**2I15005-27 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00110 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 06:27 | EPA 8021B |  |
| Toluene                         | ND     | 0.00110 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 06:27 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00110 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 06:27 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00220 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 06:27 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00110 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 06:27 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 103 %  |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 06:27 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 93.9 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 06:27 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 16.1 | 1.10 | mg/kg dry | 1 | P211604 | 09/16/22 08:57 | 09/16/22 15:37 | EPA 300.0  |  |
| % Moisture | 9.0  | 0.1  | %         | 1 | P211607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 27.5 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 22:59 | TPH 8015M |  |
| >C12-C28                           | ND     | 27.5 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 22:59 | TPH 8015M |  |
| >C28-C35                           | ND     | 27.5 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 22:59 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 94.1 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 22:59 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 104 %  |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 22:59 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 27.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 22:59 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-15 @ 1'**  
**2I15005-28 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 06:48 | EPA 8021B |  |
| Toluene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 06:48 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00102 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 06:48 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00204 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 06:48 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00102 | mg/kg dry | 1 | P2I1612 | 09/16/22 15:27 | 09/20/22 06:48 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 93.8 % |         | 80-120    |   | P2I1612 | 09/16/22 15:27 | 09/20/22 06:48 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 111 %  |         | 80-120    |   | P2I1612 | 09/16/22 15:27 | 09/20/22 06:48 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 4.55 | 1.02 | mg/kg dry | 1 | P2I1604 | 09/16/22 08:57 | 09/16/22 15:50 | EPA 300.0  |  |
| % Moisture | 2.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 25.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 23:22 | TPH 8015M |  |
| >C12-C28                           | ND     | 25.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 23:22 | TPH 8015M |  |
| >C28-C35                           | ND     | 25.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/16/22 23:22 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 96.7 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/16/22 23:22 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 102 %  |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/16/22 23:22 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 25.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 23:22 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-15 @ 3'**  
**2I15005-29 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 07:10 | EPA 8021B |  |
| Toluene                         | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 07:10 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 07:10 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00206 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 07:10 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00103 | mg/kg dry | 1 | P211612 | 09/16/22 15:27 | 09/20/22 07:10 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 113 %  |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 07:10 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 91.9 % |         | 80-120    |   | P211612 | 09/16/22 15:27 | 09/20/22 07:10 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 4.95 | 1.03 | mg/kg dry | 1 | P211604 | 09/16/22 08:57 | 09/16/22 16:04 | EPA 300.0  |  |
| % Moisture | 3.0  | 0.1  | %         | 1 | P211607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 25.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 23:45 | TPH 8015M |  |
| >C12-C28                           | ND     | 25.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 23:45 | TPH 8015M |  |
| >C28-C35                           | ND     | 25.8 | mg/kg dry | 1 | P211606 | 09/16/22 11:00 | 09/16/22 23:45 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 98.3 % |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 23:45 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 104 %  |      | 70-130    |   | P211606 | 09/16/22 11:00 | 09/16/22 23:45 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 25.8 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/16/22 23:45 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-15 @ 5'**  
**2I15005-30 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00106 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 22:01 | EPA 8021B |  |
| Toluene                         | ND     | 0.00106 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 22:01 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00106 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 22:01 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00213 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 22:01 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00106 | mg/kg dry | 1 | P2I2310 | 09/23/22 12:23 | 09/23/22 22:01 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 102 %  |         | 80-120    |   | P2I2310 | 09/23/22 12:23 | 09/23/22 22:01 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 91.0 % |         | 80-120    |   | P2I2310 | 09/23/22 12:23 | 09/23/22 22:01 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |     |      |           |   |         |                |                |            |  |
|------------|-----|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 482 | 1.06 | mg/kg dry | 1 | P2I1604 | 09/16/22 08:57 | 09/16/22 16:17 | EPA 300.0  |  |
| % Moisture | 6.0 | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 26.6 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 00:08 | TPH 8015M |  |
| >C12-C28                           | ND     | 26.6 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 00:08 | TPH 8015M |  |
| >C28-C35                           | ND     | 26.6 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 00:08 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 96.1 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 00:08 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 104 %  |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 00:08 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 26.6 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/17/22 00:08 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-15 @ 10'**  
**2I15005-31 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00109 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 14:46 | EPA 8021B |  |
| Toluene                         | ND     | 0.00109 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 14:46 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00109 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 14:46 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00217 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 14:46 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00109 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 14:46 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 92.6 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 14:46 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 112 %  |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 14:46 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 1450 | 5.43 | mg/kg dry | 5 | P2I1604 | 09/16/22 08:57 | 09/20/22 09:43 | EPA 300.0  |  |
| % Moisture | 8.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 27.2 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 00:31 | TPH 8015M |  |
| >C12-C28                           | ND     | 27.2 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 00:31 | TPH 8015M |  |
| >C28-C35                           | ND     | 27.2 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 00:31 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 95.2 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 00:31 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 107 %  |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 00:31 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 27.2 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/17/22 00:31 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-15 @ 15'**  
**2I15005-32 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00110 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:07 | EPA 8021B |  |
| Toluene                         | ND     | 0.00110 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:07 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00110 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:07 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00220 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:07 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00110 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:07 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 114 %  |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 15:07 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 92.7 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 15:07 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |     |      |           |   |         |                |                |            |  |
|------------|-----|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 819 | 1.10 | mg/kg dry | 1 | P2I1609 | 09/16/22 15:05 | 09/16/22 17:50 | EPA 300.0  |  |
| % Moisture | 9.0 | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |       |      |           |   |         |                |                |           |  |
|---------------------------------------|-------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND    | 27.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 00:54 | TPH 8015M |  |
| >C12-C28                              | ND    | 27.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 00:54 | TPH 8015M |  |
| >C28-C35                              | ND    | 27.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 00:54 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 100 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 00:54 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 110 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 00:54 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND    | 27.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/17/22 00:54 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-15 @ 20'**  
**2I15005-33 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00108 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:29 | EPA 8021B |  |
| Toluene                         | ND     | 0.00108 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:29 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00108 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:29 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00215 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:29 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00108 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:29 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 106 %  |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 15:29 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 92.2 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 15:29 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 92.7 | 1.08 | mg/kg dry | 1 | P2I1609 | 09/16/22 15:05 | 09/16/22 18:30 | EPA 300.0  |  |
| % Moisture | 7.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 26.9 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 01:17 | TPH 8015M |  |
| >C12-C28                           | ND     | 26.9 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 01:17 | TPH 8015M |  |
| >C28-C35                           | ND     | 26.9 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 01:17 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 95.4 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 01:17 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 103 %  |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 01:17 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 26.9 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/17/22 01:17 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-21 @ 1'**  
**2I15005-34 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:51 | EPA 8021B |  |
| Toluene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:51 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00102 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:51 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00204 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:51 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00102 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 15:51 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 91.3 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 15:51 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 103 %  |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 15:51 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 4.52 | 1.02 | mg/kg dry | 1 | P2I1609 | 09/16/22 15:05 | 09/16/22 18:44 | EPA 300.0  |  |
| % Moisture | 2.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 25.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 01:40 | TPH 8015M |  |
| >C12-C28                           | ND     | 25.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 01:40 | TPH 8015M |  |
| >C28-C35                           | ND     | 25.5 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 01:40 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 93.7 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 01:40 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 103 %  |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 01:40 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 25.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/17/22 01:40 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-21 @ 3'**  
**2I15005-35 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00101 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:04 | EPA 8021B |  |
| Toluene                         | ND     | 0.00101 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:04 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00101 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:04 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00202 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:04 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00101 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:04 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 113 %  |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 17:04 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 95.2 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 17:04 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 3.89 | 1.01 | mg/kg dry | 1 | P2I1609 | 09/16/22 15:05 | 09/16/22 18:57 | EPA 300.0  |  |
| % Moisture | 1.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |        |      |           |   |         |                |                |           |  |
|---------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND     | 25.3 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 02:03 | TPH 8015M |  |
| >C12-C28                              | ND     | 25.3 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 02:03 | TPH 8015M |  |
| >C28-C35                              | ND     | 25.3 | mg/kg dry | 1 | P2I1606 | 09/16/22 11:00 | 09/17/22 02:03 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 97.7 % |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 02:03 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 107 %  |      | 70-130    |   | P2I1606 | 09/16/22 11:00 | 09/17/22 02:03 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND     | 25.3 | mg/kg dry | 1 | [CALC]  | 09/16/22 11:00 | 09/17/22 02:03 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-21 @ 5'**  
**2I15005-36 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00105 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:26 | EPA 8021B |  |
| Toluene                         | ND     | 0.00105 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:26 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00105 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:26 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00211 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:26 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00105 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:26 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 95.1 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 17:26 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 104 %  |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 17:26 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 10.3 | 1.05 | mg/kg dry | 1 | P2I1609 | 09/16/22 15:05 | 09/16/22 19:10 | EPA 300.0  |  |
| % Moisture | 5.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |        |      |           |   |         |                |                |           |  |
|---------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND     | 26.3 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 05:32 | TPH 8015M |  |
| >C12-C28                              | ND     | 26.3 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 05:32 | TPH 8015M |  |
| >C28-C35                              | ND     | 26.3 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 05:32 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 94.0 % |      | 70-130    |   | P2I1610 | 09/16/22 15:00 | 09/17/22 05:32 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 104 %  |      | 70-130    |   | P2I1610 | 09/16/22 15:00 | 09/17/22 05:32 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND     | 26.3 | mg/kg dry | 1 | [CALC]  | 09/16/22 15:00 | 09/17/22 05:32 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-21 @ 10'**  
**2I15005-37 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00111 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:47 | EPA 8021B |  |
| Toluene                         | ND     | 0.00111 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:47 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00111 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:47 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00222 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:47 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00111 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 17:47 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 91.8 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 17:47 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 114 %  |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 17:47 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 7.24 | 1.11 | mg/kg dry | 1 | P2I1609 | 09/16/22 15:05 | 09/16/22 19:24 | EPA 300.0  |  |
| % Moisture | 10.0 | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 27.8 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 05:55 | TPH 8015M |  |
| >C12-C28                           | ND     | 27.8 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 05:55 | TPH 8015M |  |
| >C28-C35                           | ND     | 27.8 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 05:55 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 98.2 % |      | 70-130    |   | P2I1610 | 09/16/22 15:00 | 09/17/22 05:55 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 107 %  |      | 70-130    |   | P2I1610 | 09/16/22 15:00 | 09/17/22 05:55 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 27.8 | mg/kg dry | 1 | [CALC]  | 09/16/22 15:00 | 09/17/22 05:55 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-14 @ 1'**  
**2I15005-38 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 18:09 | EPA 8021B |  |
| Toluene                         | ND     | 0.00102 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 18:09 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00102 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 18:09 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00204 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 18:09 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00102 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 18:09 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 92.4 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 18:09 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 116 %  |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 18:09 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 3.85 | 1.02 | mg/kg dry | 1 | P2I1609 | 09/16/22 15:05 | 09/16/22 19:37 | EPA 300.0  |  |
| % Moisture | 2.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |        |      |           |   |         |                |                |           |  |
|---------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND     | 25.5 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 06:19 | TPH 8015M |  |
| >C12-C28                              | ND     | 25.5 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 06:19 | TPH 8015M |  |
| >C28-C35                              | ND     | 25.5 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 06:19 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 95.9 % |      | 70-130    |   | P2I1610 | 09/16/22 15:00 | 09/17/22 06:19 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 107 %  |      | 70-130    |   | P2I1610 | 09/16/22 15:00 | 09/17/22 06:19 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND     | 25.5 | mg/kg dry | 1 | [CALC]  | 09/16/22 15:00 | 09/17/22 06:19 | calc      |  |

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Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-14 @ 3'**  
**2I15005-39 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00103 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 18:30 | EPA 8021B |  |
| Toluene                         | ND     | 0.00103 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 18:30 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00103 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 18:30 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00206 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 18:30 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00103 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/20/22 18:30 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 90.2 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 18:30 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 108 %  |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/20/22 18:30 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 6.26 | 1.03 | mg/kg dry | 1 | P2I1609 | 09/16/22 15:05 | 09/16/22 19:50 | EPA 300.0  |  |
| % Moisture | 3.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 25.8 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 06:42 | TPH 8015M |  |
| >C12-C28                           | ND     | 25.8 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 06:42 | TPH 8015M |  |
| >C28-C35                           | ND     | 25.8 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 06:42 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 98.9 % |      | 70-130    |   | P2I1610 | 09/16/22 15:00 | 09/17/22 06:42 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 109 %  |      | 70-130    |   | P2I1610 | 09/16/22 15:00 | 09/17/22 06:42 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 25.8 | mg/kg dry | 1 | [CALC]  | 09/16/22 15:00 | 09/17/22 06:42 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-14 @ 5'**  
**2I15005-40 (Soil)**

| Analyte | Result | Reporting Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|-----------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00104 | mg/kg dry | 1 | P211613 | 09/16/22 15:32 | 09/20/22 18:52 | EPA 8021B |  |
| Toluene                         | ND     | 0.00104 | mg/kg dry | 1 | P211613 | 09/16/22 15:32 | 09/20/22 18:52 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00104 | mg/kg dry | 1 | P211613 | 09/16/22 15:32 | 09/20/22 18:52 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00208 | mg/kg dry | 1 | P211613 | 09/16/22 15:32 | 09/20/22 18:52 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00104 | mg/kg dry | 1 | P211613 | 09/16/22 15:32 | 09/20/22 18:52 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 91.6 % |         | 80-120    |   | P211613 | 09/16/22 15:32 | 09/20/22 18:52 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 103 %  |         | 80-120    |   | P211613 | 09/16/22 15:32 | 09/20/22 18:52 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 10.6 | 1.04 | mg/kg dry | 1 | P211609 | 09/16/22 15:05 | 09/16/22 20:03 | EPA 300.0  |  |
| % Moisture | 4.0  | 0.1  | %         | 1 | P211607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                    |        |      |           |   |         |                |                |           |  |
|------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                             | ND     | 26.0 | mg/kg dry | 1 | P211610 | 09/16/22 15:00 | 09/17/22 07:05 | TPH 8015M |  |
| >C12-C28                           | ND     | 26.0 | mg/kg dry | 1 | P211610 | 09/16/22 15:00 | 09/17/22 07:05 | TPH 8015M |  |
| >C28-C35                           | ND     | 26.0 | mg/kg dry | 1 | P211610 | 09/16/22 15:00 | 09/17/22 07:05 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane          | 96.6 % |      | 70-130    |   | P211610 | 09/16/22 15:00 | 09/17/22 07:05 | TPH 8015M |  |
| Surrogate: o-Terphenyl             | 104 %  |      | 70-130    |   | P211610 | 09/16/22 15:00 | 09/17/22 07:05 | TPH 8015M |  |
| Total Petroleum Hydrocarbon C6-C35 | ND     | 26.0 | mg/kg dry | 1 | [CALC]  | 09/16/22 15:00 | 09/17/22 07:05 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**S-14 @ 10'**  
**2I15005-41 (Soil)**

| Analyte | Result | Reporting<br>Limit | Units | Dilution | Batch | Prepared | Analyzed | Method | Notes |
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|
|---------|--------|--------------------|-------|----------|-------|----------|----------|--------|-------|

**Permian Basin Environmental Lab, L.P.**

**BTEX by 8021B**

|                                 |        |         |           |   |         |                |                |           |  |
|---------------------------------|--------|---------|-----------|---|---------|----------------|----------------|-----------|--|
| Benzene                         | ND     | 0.00108 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/21/22 09:42 | EPA 8021B |  |
| Toluene                         | ND     | 0.00108 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/21/22 09:42 | EPA 8021B |  |
| Ethylbenzene                    | ND     | 0.00108 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/21/22 09:42 | EPA 8021B |  |
| Xylene (p/m)                    | ND     | 0.00215 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/21/22 09:42 | EPA 8021B |  |
| Xylene (o)                      | ND     | 0.00108 | mg/kg dry | 1 | P2I1613 | 09/16/22 15:32 | 09/21/22 09:42 | EPA 8021B |  |
| Surrogate: 4-Bromofluorobenzene | 98.6 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/21/22 09:42 | EPA 8021B |  |
| Surrogate: 1,4-Difluorobenzene  | 91.4 % |         | 80-120    |   | P2I1613 | 09/16/22 15:32 | 09/21/22 09:42 | EPA 8021B |  |

**General Chemistry Parameters by EPA / Standard Methods**

|            |      |      |           |   |         |                |                |            |  |
|------------|------|------|-----------|---|---------|----------------|----------------|------------|--|
| Chloride   | 9.12 | 1.08 | mg/kg dry | 1 | P2I1609 | 09/16/22 15:05 | 09/16/22 20:17 | EPA 300.0  |  |
| % Moisture | 7.0  | 0.1  | %         | 1 | P2I1607 | 09/16/22 14:11 | 09/16/22 14:13 | ASTM D2216 |  |

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M**

|                                       |        |      |           |   |         |                |                |           |  |
|---------------------------------------|--------|------|-----------|---|---------|----------------|----------------|-----------|--|
| C6-C12                                | ND     | 26.9 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 07:29 | TPH 8015M |  |
| >C12-C28                              | ND     | 26.9 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 07:29 | TPH 8015M |  |
| >C28-C35                              | ND     | 26.9 | mg/kg dry | 1 | P2I1610 | 09/16/22 15:00 | 09/17/22 07:29 | TPH 8015M |  |
| Surrogate: 1-Chlorooctane             | 96.6 % |      | 70-130    |   | P2I1610 | 09/16/22 15:00 | 09/17/22 07:29 | TPH 8015M |  |
| Surrogate: o-Terphenyl                | 105 %  |      | 70-130    |   | P2I1610 | 09/16/22 15:00 | 09/17/22 07:29 | TPH 8015M |  |
| Total Petroleum Hydrocarbon<br>C6-C35 | ND     | 26.9 | mg/kg dry | 1 | [CALC]  | 09/16/22 15:00 | 09/17/22 07:29 | calc      |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
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 P211611 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P211611-BLK1)**

Prepared & Analyzed: 09/16/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | ND    | 0.00100 | mg/kg |       |  |      |        |  |  |  |
| 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  | 0.116 |         | "     | 0.120 |  | 96.4 | 80-120 |  |  |  |

**LCS (P211611-BS1)**

Prepared & Analyzed: 09/16/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.120 | 0.00100 | mg/kg | 0.100 |  | 120  | 80-120 |  |  |  |
| Toluene                         | 0.119 | 0.00100 | "     | 0.100 |  | 119  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.110 | 0.00100 | "     | 0.100 |  | 110  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.230 | 0.00200 | "     | 0.200 |  | 115  | 80-120 |  |  |  |
| Xylene (o)                      | 0.120 | 0.00100 | "     | 0.100 |  | 120  | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.118 |         | "     | 0.120 |  | 98.6 | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.126 |         | "     | 0.120 |  | 105  | 80-120 |  |  |  |

**LCS Dup (P211611-BS1)**

Prepared & Analyzed: 09/16/22

|                                 |       |         |       |       |  |      |        |       |    |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|-------|----|--|
| Benzene                         | 0.120 | 0.00100 | mg/kg | 0.100 |  | 120  | 80-120 | 0.226 | 20 |  |
| Toluene                         | 0.116 | 0.00100 | "     | 0.100 |  | 116  | 80-120 | 1.78  | 20 |  |
| Ethylbenzene                    | 0.108 | 0.00100 | "     | 0.100 |  | 108  | 80-120 | 1.66  | 20 |  |
| Xylene (p/m)                    | 0.222 | 0.00200 | "     | 0.200 |  | 111  | 80-120 | 3.61  | 20 |  |
| Xylene (o)                      | 0.117 | 0.00100 | "     | 0.100 |  | 117  | 80-120 | 2.75  | 20 |  |
| Surrogate: 4-Bromofluorobenzene | 0.120 |         | "     | 0.120 |  | 99.9 | 80-120 |       |    |  |
| Surrogate: 1,4-Difluorobenzene  | 0.114 |         | "     | 0.120 |  | 95.4 | 80-120 |       |    |  |

**Calibration Blank (P211611-CCB1)**

Prepared & Analyzed: 09/16/22

|                                 |       |  |       |       |  |      |        |  |  |  |
|---------------------------------|-------|--|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.130 |  | ug/kg |       |  |      |        |  |  |  |
| Toluene                         | 0.270 |  | "     |       |  |      |        |  |  |  |
| Ethylbenzene                    | 0.170 |  | "     |       |  |      |        |  |  |  |
| Xylene (p/m)                    | 0.260 |  | "     |       |  |      |        |  |  |  |
| Xylene (o)                      | 0.140 |  | "     |       |  |      |        |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.119 |  | "     | 0.120 |  | 99.0 | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.110 |  | "     | 0.120 |  | 91.7 | 80-120 |  |  |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2H1611 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Blank (P2H1611-CCB2)**

Prepared: 09/16/22 Analyzed: 09/18/22

|                                 |       |  |       |       |  |      |        |  |  |  |
|---------------------------------|-------|--|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.00  |  | ug/kg |       |  |      |        |  |  |  |
| Toluene                         | 0.290 |  | "     |       |  |      |        |  |  |  |
| Ethylbenzene                    | 0.110 |  | "     |       |  |      |        |  |  |  |
| Xylene (p/m)                    | 0.180 |  | "     |       |  |      |        |  |  |  |
| Xylene (o)                      | 0.150 |  | "     |       |  |      |        |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.116 |  | "     | 0.120 |  | 97.0 | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.122 |  | "     | 0.120 |  | 102  | 80-120 |  |  |  |

**Calibration Check (P2H1611-CCV1)**

Prepared & Analyzed: 09/16/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.111 | 0.00100 | mg/kg | 0.100 |  | 111  | 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)                    | 0.230 | 0.00200 | "     | 0.200 |  | 115  | 80-120 |  |  |  |
| Xylene (o)                      | 0.117 | 0.00100 | "     | 0.100 |  | 117  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.129 |         | "     | 0.120 |  | 107  | 75-125 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.113 |         | "     | 0.120 |  | 94.0 | 75-125 |  |  |  |

**Calibration Check (P2H1611-CCV2)**

Prepared: 09/16/22 Analyzed: 09/18/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.119 | 0.00100 | mg/kg | 0.100 |  | 119  | 80-120 |  |  |  |
| Toluene                         | 0.112 | 0.00100 | "     | 0.100 |  | 112  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.111 | 0.00100 | "     | 0.100 |  | 111  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.196 | 0.00200 | "     | 0.200 |  | 98.0 | 80-120 |  |  |  |
| Xylene (o)                      | 0.116 | 0.00100 | "     | 0.100 |  | 116  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.123 |         | "     | 0.120 |  | 103  | 75-125 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.120 |         | "     | 0.120 |  | 100  | 75-125 |  |  |  |

**Calibration Check (P2H1611-CCV3)**

Prepared: 09/16/22 Analyzed: 09/19/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.117 | 0.00100 | mg/kg | 0.100 |  | 117  | 80-120 |  |  |  |
| Toluene                         | 0.109 | 0.00100 | "     | 0.100 |  | 109  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.110 | 0.00100 | "     | 0.100 |  | 110  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.198 | 0.00200 | "     | 0.200 |  | 99.2 | 80-120 |  |  |  |
| Xylene (o)                      | 0.117 | 0.00100 | "     | 0.100 |  | 117  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.135 |         | "     | 0.120 |  | 112  | 75-125 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.118 |         | "     | 0.120 |  | 98.1 | 75-125 |  |  |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1611 - \*\*\* DEFAULT PREP \*\*\***

| <b>Matrix Spike (P2I1611-MS1)</b> |        | <b>Source: 2I14011-03</b> |           | <b>Prepared: 09/16/22 Analyzed: 09/19/22</b> |    |      |        |  |  |       |
|-----------------------------------|--------|---------------------------|-----------|----------------------------------------------|----|------|--------|--|--|-------|
| Benzene                           | 0.0915 | 0.00106                   | mg/kg dry | 0.106                                        | ND | 86.0 | 80-120 |  |  |       |
| Toluene                           | 0.0716 | 0.00106                   | "         | 0.106                                        | ND | 67.3 | 80-120 |  |  | QM-05 |
| Ethylbenzene                      | 0.0581 | 0.00106                   | "         | 0.106                                        | ND | 54.6 | 80-120 |  |  | QM-05 |
| Xylene (p/m)                      | 0.0216 | 0.00213                   | "         | 0.213                                        | ND | 10.2 | 80-120 |  |  | QM-05 |
| Xylene (o)                        | 0.0942 | 0.00106                   | "         | 0.106                                        | ND | 88.6 | 80-120 |  |  |       |
| Surrogate: 4-Bromofluorobenzene   | 0.144  |                           | "         | 0.128                                        |    | 113  | 80-120 |  |  |       |
| Surrogate: 1,4-Difluorobenzene    | 0.125  |                           | "         | 0.128                                        |    | 97.6 | 80-120 |  |  |       |

| <b>Matrix Spike Dup (P2I1611-MSD1)</b> |        | <b>Source: 2I14011-03</b> |           | <b>Prepared: 09/16/22 Analyzed: 09/19/22</b> |    |      |        |      |    |       |
|----------------------------------------|--------|---------------------------|-----------|----------------------------------------------|----|------|--------|------|----|-------|
| Benzene                                | 0.0900 | 0.00106                   | mg/kg dry | 0.106                                        | ND | 84.6 | 80-120 | 1.62 | 20 |       |
| Toluene                                | 0.0775 | 0.00106                   | "         | 0.106                                        | ND | 72.8 | 80-120 | 7.96 | 20 | QM-05 |
| Ethylbenzene                           | 0.0565 | 0.00106                   | "         | 0.106                                        | ND | 53.1 | 80-120 | 2.77 | 20 | QM-05 |
| Xylene (p/m)                           | 0.0592 | 0.00213                   | "         | 0.213                                        | ND | 27.8 | 80-120 | 93.0 | 20 | QM-05 |
| Xylene (o)                             | 0.0911 | 0.00106                   | "         | 0.106                                        | ND | 85.6 | 80-120 | 3.38 | 20 |       |
| Surrogate: 4-Bromofluorobenzene        | 0.143  |                           | "         | 0.128                                        |    | 112  | 80-120 |      |    |       |
| Surrogate: 1,4-Difluorobenzene         | 0.126  |                           | "         | 0.128                                        |    | 98.5 | 80-120 |      |    |       |

**Batch P2I1612 - \*\*\* DEFAULT PREP \*\*\***

| <b>Blank (P2I1612-BLK1)</b>     |       |         |       | <b>Prepared: 09/16/22 Analyzed: 09/19/22</b> |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|----------------------------------------------|--|------|--------|--|--|--|
| Benzene                         | ND    | 0.00100 | mg/kg |                                              |  |      |        |  |  |  |
| Toluene                         | ND    | 0.00100 | "     |                                              |  |      |        |  |  |  |
| Ethylbenzene                    | ND    | 0.00100 | "     |                                              |  |      |        |  |  |  |
| Xylene (p/m)                    | ND    | 0.00200 | "     |                                              |  |      |        |  |  |  |
| Xylene (o)                      | ND    | 0.00100 | "     |                                              |  |      |        |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.117 |         | "     | 0.120                                        |  | 97.7 | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.109 |         | "     | 0.120                                        |  | 90.6 | 80-120 |  |  |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1612 - \*\*\* DEFAULT PREP \*\*\***

**LCS (P2I1612-BS1)**

Prepared: 09/16/22 Analyzed: 09/19/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.117 | 0.00100 | mg/kg | 0.100 |  | 117  | 80-120 |  |  |  |
| Toluene                         | 0.104 | 0.00100 | "     | 0.100 |  | 104  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.111 | 0.00100 | "     | 0.100 |  | 111  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.188 | 0.00200 | "     | 0.200 |  | 93.8 | 80-120 |  |  |  |
| Xylene (o)                      | 0.106 | 0.00100 | "     | 0.100 |  | 106  | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.117 |         | "     | 0.120 |  | 97.1 | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.123 |         | "     | 0.120 |  | 103  | 80-120 |  |  |  |

**LCS Dup (P2I1612-BSD1)**

Prepared: 09/16/22 Analyzed: 09/19/22

|                                 |       |         |       |       |  |      |        |      |    |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|------|----|--|
| Benzene                         | 0.119 | 0.00100 | mg/kg | 0.100 |  | 119  | 80-120 | 1.63 | 20 |  |
| Toluene                         | 0.109 | 0.00100 | "     | 0.100 |  | 109  | 80-120 | 4.34 | 20 |  |
| Ethylbenzene                    | 0.120 | 0.00100 | "     | 0.100 |  | 120  | 80-120 | 7.28 | 20 |  |
| Xylene (p/m)                    | 0.201 | 0.00200 | "     | 0.200 |  | 100  | 80-120 | 6.85 | 20 |  |
| Xylene (o)                      | 0.113 | 0.00100 | "     | 0.100 |  | 113  | 80-120 | 7.00 | 20 |  |
| Surrogate: 4-Bromofluorobenzene | 0.127 |         | "     | 0.120 |  | 106  | 80-120 |      |    |  |
| Surrogate: 1,4-Difluorobenzene  | 0.118 |         | "     | 0.120 |  | 98.7 | 80-120 |      |    |  |

**Calibration Blank (P2I1612-CCB2)**

Prepared: 09/16/22 Analyzed: 09/20/22

|                                 |       |  |       |       |  |      |        |  |  |  |
|---------------------------------|-------|--|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.100 |  | ug/kg |       |  |      |        |  |  |  |
| Toluene                         | 0.320 |  | "     |       |  |      |        |  |  |  |
| Ethylbenzene                    | 0.140 |  | "     |       |  |      |        |  |  |  |
| Xylene (p/m)                    | 0.220 |  | "     |       |  |      |        |  |  |  |
| Xylene (o)                      | 0.150 |  | "     |       |  |      |        |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.112 |  | "     | 0.120 |  | 93.6 | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.119 |  | "     | 0.120 |  | 99.3 | 80-120 |  |  |  |

**Calibration Blank (P2I1612-CCB3)**

Prepared: 09/16/22 Analyzed: 09/19/22

|                                 |       |  |       |       |  |      |        |  |  |  |
|---------------------------------|-------|--|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.200 |  | ug/kg |       |  |      |        |  |  |  |
| Toluene                         | 0.560 |  | "     |       |  |      |        |  |  |  |
| Ethylbenzene                    | 0.260 |  | "     |       |  |      |        |  |  |  |
| Xylene (p/m)                    | 0.400 |  | "     |       |  |      |        |  |  |  |
| Xylene (o)                      | 0.260 |  | "     |       |  |      |        |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.108 |  | "     | 0.120 |  | 89.9 | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.118 |  | "     | 0.120 |  | 97.9 | 80-120 |  |  |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2H1612 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Check (P2H1612-CCV1)**

Prepared: 09/16/22 Analyzed: 09/19/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.120 | 0.00100 | mg/kg | 0.100 |  | 120  | 80-120 |  |  |  |
| Toluene                         | 0.112 | 0.00100 | "     | 0.100 |  | 112  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.114 | 0.00100 | "     | 0.100 |  | 114  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.201 | 0.00200 | "     | 0.200 |  | 101  | 80-120 |  |  |  |
| Xylene (o)                      | 0.117 | 0.00100 | "     | 0.100 |  | 117  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.116 |         | "     | 0.120 |  | 96.3 | 75-125 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.112 |         | "     | 0.120 |  | 93.2 | 75-125 |  |  |  |

**Calibration Check (P2H1612-CCV2)**

Prepared: 09/16/22 Analyzed: 09/20/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.119 | 0.00100 | mg/kg | 0.100 |  | 119  | 80-120 |  |  |  |
| Toluene                         | 0.116 | 0.00100 | "     | 0.100 |  | 116  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.118 | 0.00100 | "     | 0.100 |  | 118  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.208 | 0.00200 | "     | 0.200 |  | 104  | 80-120 |  |  |  |
| Xylene (o)                      | 0.119 | 0.00100 | "     | 0.100 |  | 119  | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.118 |         | "     | 0.120 |  | 98.4 | 75-125 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.134 |         | "     | 0.120 |  | 112  | 75-125 |  |  |  |

**Calibration Check (P2H1612-CCV3)**

Prepared: 09/16/22 Analyzed: 09/20/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.119 | 0.00100 | mg/kg | 0.100 |  | 119  | 80-120 |  |  |  |
| Toluene                         | 0.111 | 0.00100 | "     | 0.100 |  | 111  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.115 | 0.00100 | "     | 0.100 |  | 115  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.202 | 0.00200 | "     | 0.200 |  | 101  | 80-120 |  |  |  |
| Xylene (o)                      | 0.115 | 0.00100 | "     | 0.100 |  | 115  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.130 |         | "     | 0.120 |  | 108  | 75-125 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.111 |         | "     | 0.120 |  | 92.9 | 75-125 |  |  |  |

**Matrix Spike (P2H1612-MS1)**

Source: 2115005-11

Prepared: 09/16/22 Analyzed: 09/20/22

|                                 |        |         |           |       |    |      |        |  |  |       |
|---------------------------------|--------|---------|-----------|-------|----|------|--------|--|--|-------|
| Benzene                         | 0.0929 | 0.00114 | mg/kg dry | 0.114 | ND | 81.7 | 80-120 |  |  |       |
| Toluene                         | 0.0164 | 0.00114 | "         | 0.114 | ND | 14.4 | 80-120 |  |  | QM-05 |
| Ethylbenzene                    | 0.0870 | 0.00114 | "         | 0.114 | ND | 76.5 | 80-120 |  |  | QM-05 |
| Xylene (p/m)                    | 0.0710 | 0.00227 | "         | 0.227 | ND | 31.2 | 80-120 |  |  | QM-05 |
| Xylene (o)                      | 0.0832 | 0.00114 | "         | 0.114 | ND | 73.2 | 80-120 |  |  | QM-05 |
| Surrogate: 4-Bromofluorobenzene | 0.158  |         | "         | 0.136 |    | 116  | 80-120 |  |  |       |
| Surrogate: 1,4-Difluorobenzene  | 0.133  |         | "         | 0.136 |    | 97.5 | 80-120 |  |  |       |

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1612 - \*\*\* DEFAULT PREP \*\*\***

**Matrix Spike Dup (P2I1612-MSD1)**

**Source: 21I5005-11**

Prepared: 09/16/22 Analyzed: 09/20/22

|                                 |        |         |           |       |    |      |        |      |    |       |
|---------------------------------|--------|---------|-----------|-------|----|------|--------|------|----|-------|
| Benzene                         | 0.0525 | 0.00114 | mg/kg dry | 0.114 | ND | 46.2 | 80-120 | 55.5 | 20 | QM-05 |
| Toluene                         | 0.0114 | 0.00114 | "         | 0.114 | ND | 10.1 | 80-120 | 35.7 | 20 | QM-05 |
| Ethylbenzene                    | 0.0673 | 0.00114 | "         | 0.114 | ND | 59.2 | 80-120 | 25.5 | 20 | QM-05 |
| Xylene (p/m)                    | 0.0651 | 0.00227 | "         | 0.227 | ND | 28.7 | 80-120 | 8.60 | 20 | QM-05 |
| Xylene (o)                      | 0.0704 | 0.00114 | "         | 0.114 | ND | 61.9 | 80-120 | 16.6 | 20 | QM-05 |
| Surrogate: 4-Bromofluorobenzene | 0.154  |         | "         | 0.136 |    | 113  | 80-120 |      |    |       |
| Surrogate: 1,4-Difluorobenzene  | 0.129  |         | "         | 0.136 |    | 94.7 | 80-120 |      |    |       |

**Batch P2I1613 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P2I1613-BLK1)**

Prepared & Analyzed: 09/20/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | ND    | 0.00100 | mg/kg |       |  |      |        |  |  |  |
| Toluene                         | ND    | 0.00100 | "     |       |  |      |        |  |  |  |
| Ethylbenzene                    | ND    | 0.00100 | "     |       |  |      |        |  |  |  |
| Xylene (p/m)                    | ND    | 0.00200 | "     |       |  |      |        |  |  |  |
| Xylene (o)                      | ND    | 0.00100 | "     |       |  |      |        |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.107 |         | "     | 0.120 |  | 89.1 | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.125 |         | "     | 0.120 |  | 104  | 80-120 |  |  |  |

**LCS (P2I1613-BS1)**

Prepared: 09/16/22 Analyzed: 09/20/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.110 | 0.00100 | mg/kg | 0.100 |  | 110  | 80-120 |  |  |  |
| Toluene                         | 0.101 | 0.00100 | "     | 0.100 |  | 101  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.113 | 0.00100 | "     | 0.100 |  | 113  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.189 | 0.00200 | "     | 0.200 |  | 94.4 | 80-120 |  |  |  |
| Xylene (o)                      | 0.111 | 0.00100 | "     | 0.100 |  | 111  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.138 |         | "     | 0.120 |  | 115  | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.116 |         | "     | 0.120 |  | 96.7 | 80-120 |  |  |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1613 - \*\*\* DEFAULT PREP \*\*\***

**LCS Dup (P2I1613-BSD1)**

Prepared: 09/16/22 Analyzed: 09/20/22

|                                 |        |         |       |       |  |      |        |      |    |    |
|---------------------------------|--------|---------|-------|-------|--|------|--------|------|----|----|
| Benzene                         | 0.101  | 0.00100 | mg/kg | 0.100 |  | 101  | 80-120 | 8.38 | 20 |    |
| Toluene                         | 0.0857 | 0.00100 | "     | 0.100 |  | 85.7 | 80-120 | 16.9 | 20 |    |
| Ethylbenzene                    | 0.0853 | 0.00100 | "     | 0.100 |  | 85.3 | 80-120 | 27.8 | 20 | R2 |
| Xylene (p/m)                    | 0.165  | 0.00200 | "     | 0.200 |  | 82.4 | 80-120 | 13.5 | 20 |    |
| Xylene (o)                      | 0.0819 | 0.00100 | "     | 0.100 |  | 81.9 | 80-120 | 29.9 | 20 | R2 |
| Surrogate: 1,4-Difluorobenzene  | 0.122  |         | "     | 0.120 |  | 101  | 80-120 |      |    |    |
| Surrogate: 4-Bromofluorobenzene | 0.123  |         | "     | 0.120 |  | 102  | 80-120 |      |    |    |

**Calibration Blank (P2I1613-CCB1)**

Prepared: 09/16/22 Analyzed: 09/20/22

|                                 |       |  |       |       |  |      |        |  |  |  |
|---------------------------------|-------|--|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.360 |  | ug/kg |       |  |      |        |  |  |  |
| Toluene                         | 0.660 |  | "     |       |  |      |        |  |  |  |
| Ethylbenzene                    | 0.180 |  | "     |       |  |      |        |  |  |  |
| Xylene (p/m)                    | 0.290 |  | "     |       |  |      |        |  |  |  |
| Xylene (o)                      | 0.180 |  | "     |       |  |      |        |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.109 |  | "     | 0.120 |  | 91.0 | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.119 |  | "     | 0.120 |  | 99.5 | 80-120 |  |  |  |

**Calibration Blank (P2I1613-CCB2)**

Prepared: 09/16/22 Analyzed: 09/21/22

|                                 |       |  |       |       |  |     |        |  |  |  |
|---------------------------------|-------|--|-------|-------|--|-----|--------|--|--|--|
| Benzene                         | 1.00  |  | ug/kg |       |  |     |        |  |  |  |
| Toluene                         | 0.930 |  | "     |       |  |     |        |  |  |  |
| Ethylbenzene                    | 0.250 |  | "     |       |  |     |        |  |  |  |
| Xylene (p/m)                    | 0.350 |  | "     |       |  |     |        |  |  |  |
| Xylene (o)                      | 0.280 |  | "     |       |  |     |        |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.120 |  | "     | 0.120 |  | 100 | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.128 |  | "     | 0.120 |  | 107 | 80-120 |  |  |  |

**Calibration Check (P2I1613-CCV1)**

Prepared: 09/16/22 Analyzed: 09/20/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.119 | 0.00100 | mg/kg | 0.100 |  | 119  | 80-120 |  |  |  |
| Toluene                         | 0.112 | 0.00100 | "     | 0.100 |  | 112  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.108 | 0.00100 | "     | 0.100 |  | 108  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.189 | 0.00200 | "     | 0.200 |  | 94.7 | 80-120 |  |  |  |
| Xylene (o)                      | 0.114 | 0.00100 | "     | 0.100 |  | 114  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.132 |         | "     | 0.120 |  | 110  | 75-125 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.117 |         | "     | 0.120 |  | 97.4 | 75-125 |  |  |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1613 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Check (P2I1613-CCV2)**

Prepared: 09/16/22 Analyzed: 09/20/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.118 | 0.00100 | mg/kg | 0.100 |  | 118  | 80-120 |  |  |  |
| Toluene                         | 0.117 | 0.00100 | "     | 0.100 |  | 117  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.119 | 0.00100 | "     | 0.100 |  | 119  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.228 | 0.00200 | "     | 0.200 |  | 114  | 80-120 |  |  |  |
| Xylene (o)                      | 0.118 | 0.00100 | "     | 0.100 |  | 118  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.121 |         | "     | 0.120 |  | 101  | 75-125 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.102 |         | "     | 0.120 |  | 85.4 | 75-125 |  |  |  |

**Calibration Check (P2I1613-CCV3)**

Prepared: 09/16/22 Analyzed: 09/21/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.116 | 0.00100 | mg/kg | 0.100 |  | 116  | 80-120 |  |  |  |
| Toluene                         | 0.115 | 0.00100 | "     | 0.100 |  | 115  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.116 | 0.00100 | "     | 0.100 |  | 116  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.222 | 0.00200 | "     | 0.200 |  | 111  | 80-120 |  |  |  |
| Xylene (o)                      | 0.118 | 0.00100 | "     | 0.100 |  | 118  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.123 |         | "     | 0.120 |  | 102  | 75-125 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.103 |         | "     | 0.120 |  | 85.8 | 75-125 |  |  |  |

**Matrix Spike (P2I1613-MS1)**

Source: 2I15005-31

Prepared: 09/16/22 Analyzed: 09/21/22

|                                 |        |         |           |       |    |      |        |  |  |       |
|---------------------------------|--------|---------|-----------|-------|----|------|--------|--|--|-------|
| Benzene                         | 0.0658 | 0.00109 | mg/kg dry | 0.109 | ND | 60.5 | 80-120 |  |  | QM-05 |
| Toluene                         | 0.0621 | 0.00109 | "         | 0.109 | ND | 57.1 | 80-120 |  |  | QM-05 |
| Ethylbenzene                    | 0.0919 | 0.00109 | "         | 0.109 | ND | 84.5 | 80-120 |  |  |       |
| Xylene (p/m)                    | 0.0378 | 0.00217 | "         | 0.217 | ND | 17.4 | 80-120 |  |  | QM-05 |
| Xylene (o)                      | 0.0864 | 0.00109 | "         | 0.109 | ND | 79.5 | 80-120 |  |  | QM-05 |
| Surrogate: 1,4-Difluorobenzene  | 0.126  |         | "         | 0.130 |    | 96.6 | 80-120 |  |  |       |
| Surrogate: 4-Bromofluorobenzene | 0.153  |         | "         | 0.130 |    | 117  | 80-120 |  |  |       |

**Matrix Spike Dup (P2I1613-MSD1)**

Source: 2I15005-31

Prepared: 09/16/22 Analyzed: 09/21/22

|                                 |         |         |           |       |    |      |        |      |    |       |
|---------------------------------|---------|---------|-----------|-------|----|------|--------|------|----|-------|
| Benzene                         | 0.0675  | 0.00109 | mg/kg dry | 0.109 | ND | 62.1 | 80-120 | 2.61 | 20 | QM-05 |
| Toluene                         | 0.0265  | 0.00109 | "         | 0.109 | ND | 24.3 | 80-120 | 80.4 | 20 | QM-05 |
| Ethylbenzene                    | 0.0740  | 0.00109 | "         | 0.109 | ND | 68.1 | 80-120 | 21.6 | 20 | QM-05 |
| Xylene (p/m)                    | 0.00312 | 0.00217 | "         | 0.217 | ND | 1.44 | 80-120 | 170  | 20 | QM-05 |
| Xylene (o)                      | 0.0744  | 0.00109 | "         | 0.109 | ND | 68.5 | 80-120 | 14.9 | 20 | QM-05 |
| Surrogate: 1,4-Difluorobenzene  | 0.124   |         | "         | 0.130 |    | 95.3 | 80-120 |      |    |       |
| Surrogate: 4-Bromofluorobenzene | 0.144   |         | "         | 0.130 |    | 111  | 80-120 |      |    |       |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I2310 - \*\*\* DEFAULT PREP \*\*\***

**Blank (P2I2310-BLK1)**

Prepared & Analyzed: 09/23/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | ND    | 0.00100 | mg/kg |       |  |      |        |  |  |  |
| Toluene                         | ND    | 0.00100 | "     |       |  |      |        |  |  |  |
| Ethylbenzene                    | ND    | 0.00100 | "     |       |  |      |        |  |  |  |
| Xylene (p/m)                    | ND    | 0.00200 | "     |       |  |      |        |  |  |  |
| Xylene (o)                      | ND    | 0.00100 | "     |       |  |      |        |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.114 |         | "     | 0.120 |  | 95.3 | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.107 |         | "     | 0.120 |  | 88.8 | 80-120 |  |  |  |

**LCS (P2I2310-BS1)**

Prepared & Analyzed: 09/23/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.120 | 0.00100 | mg/kg | 0.100 |  | 120  | 80-120 |  |  |  |
| Toluene                         | 0.119 | 0.00100 | "     | 0.100 |  | 119  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.111 | 0.00100 | "     | 0.100 |  | 111  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.228 | 0.00200 | "     | 0.200 |  | 114  | 80-120 |  |  |  |
| Xylene (o)                      | 0.118 | 0.00100 | "     | 0.100 |  | 118  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.114 |         | "     | 0.120 |  | 94.8 | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.105 |         | "     | 0.120 |  | 87.4 | 80-120 |  |  |  |

**LCS Dup (P2I2310-BSD1)**

Prepared & Analyzed: 09/23/22

|                                 |       |         |       |       |  |      |        |       |    |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|-------|----|--|
| Benzene                         | 0.119 | 0.00100 | mg/kg | 0.100 |  | 119  | 80-120 | 0.837 | 20 |  |
| Toluene                         | 0.120 | 0.00100 | "     | 0.100 |  | 120  | 80-120 | 0.469 | 20 |  |
| Ethylbenzene                    | 0.116 | 0.00100 | "     | 0.100 |  | 116  | 80-120 | 4.15  | 20 |  |
| Xylene (p/m)                    | 0.231 | 0.00200 | "     | 0.200 |  | 115  | 80-120 | 1.26  | 20 |  |
| Xylene (o)                      | 0.117 | 0.00100 | "     | 0.100 |  | 117  | 80-120 | 0.708 | 20 |  |
| Surrogate: 1,4-Difluorobenzene  | 0.103 |         | "     | 0.120 |  | 86.1 | 80-120 |       |    |  |
| Surrogate: 4-Bromofluorobenzene | 0.110 |         | "     | 0.120 |  | 91.6 | 80-120 |       |    |  |

**Calibration Blank (P2I2310-CCB1)**

Prepared & Analyzed: 09/23/22

|                                 |       |  |       |       |  |      |        |  |  |  |
|---------------------------------|-------|--|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.140 |  | ug/kg |       |  |      |        |  |  |  |
| Toluene                         | 0.270 |  | "     |       |  |      |        |  |  |  |
| Ethylbenzene                    | 0.170 |  | "     |       |  |      |        |  |  |  |
| Xylene (p/m)                    | 0.270 |  | "     |       |  |      |        |  |  |  |
| Xylene (o)                      | 0.150 |  | "     |       |  |      |        |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.106 |  | "     | 0.120 |  | 88.4 | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.114 |  | "     | 0.120 |  | 94.7 | 80-120 |  |  |  |

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I2310 - \*\*\* DEFAULT PREP \*\*\***

**Calibration Blank (P2I2310-CCB2)**

Prepared: 09/23/22 Analyzed: 09/24/22

|                                 |       |  |       |       |  |      |        |  |  |  |
|---------------------------------|-------|--|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.00  |  | ug/kg |       |  |      |        |  |  |  |
| Toluene                         | 0.330 |  | "     |       |  |      |        |  |  |  |
| Ethylbenzene                    | 0.180 |  | "     |       |  |      |        |  |  |  |
| Xylene (p/m)                    | 0.280 |  | "     |       |  |      |        |  |  |  |
| Xylene (o)                      | 0.190 |  | "     |       |  |      |        |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.108 |  | "     | 0.120 |  | 89.7 | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.120 |  | "     | 0.120 |  | 99.6 | 80-120 |  |  |  |

**Calibration Check (P2I2310-CCV1)**

Prepared & Analyzed: 09/23/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.119 | 0.00100 | mg/kg | 0.100 |  | 119  | 80-120 |  |  |  |
| Toluene                         | 0.117 | 0.00100 | "     | 0.100 |  | 117  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.119 | 0.00100 | "     | 0.100 |  | 119  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.231 | 0.00200 | "     | 0.200 |  | 116  | 80-120 |  |  |  |
| Xylene (o)                      | 0.117 | 0.00100 | "     | 0.100 |  | 117  | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.107 |         | "     | 0.120 |  | 89.2 | 75-125 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.119 |         | "     | 0.120 |  | 99.5 | 75-125 |  |  |  |

**Calibration Check (P2I2310-CCV2)**

Prepared: 09/23/22 Analyzed: 09/24/22

|                                 |       |         |       |       |  |      |        |  |  |  |
|---------------------------------|-------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.119 | 0.00100 | mg/kg | 0.100 |  | 119  | 80-120 |  |  |  |
| Toluene                         | 0.120 | 0.00100 | "     | 0.100 |  | 120  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.120 | 0.00100 | "     | 0.100 |  | 120  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.232 | 0.00200 | "     | 0.200 |  | 116  | 80-120 |  |  |  |
| Xylene (o)                      | 0.119 | 0.00100 | "     | 0.100 |  | 119  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.116 |         | "     | 0.120 |  | 96.9 | 75-125 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.104 |         | "     | 0.120 |  | 86.9 | 75-125 |  |  |  |

**Calibration Check (P2I2310-CCV3)**

Prepared: 09/23/22 Analyzed: 09/24/22

|                                 |        |         |       |       |  |      |        |  |  |  |
|---------------------------------|--------|---------|-------|-------|--|------|--------|--|--|--|
| Benzene                         | 0.119  | 0.00100 | mg/kg | 0.100 |  | 119  | 80-120 |  |  |  |
| Toluene                         | 0.120  | 0.00100 | "     | 0.100 |  | 120  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.120  | 0.00100 | "     | 0.100 |  | 120  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.226  | 0.00200 | "     | 0.200 |  | 113  | 80-120 |  |  |  |
| Xylene (o)                      | 0.120  | 0.00100 | "     | 0.100 |  | 120  | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.0988 |         | "     | 0.120 |  | 82.3 | 75-125 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.112  |         | "     | 0.120 |  | 93.4 | 75-125 |  |  |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**BTEX by 8021B - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I2310 - \*\*\* DEFAULT PREP \*\*\***

**Matrix Spike (P2I2310-MS1)**

**Source: 2I20002-01**

Prepared: 09/23/22 Analyzed: 09/24/22

|                                 |       |         |           |       |    |      |        |  |  |  |
|---------------------------------|-------|---------|-----------|-------|----|------|--------|--|--|--|
| Benzene                         | 0.117 | 0.00102 | mg/kg dry | 0.102 | ND | 115  | 80-120 |  |  |  |
| Toluene                         | 0.106 | 0.00102 | "         | 0.102 | ND | 104  | 80-120 |  |  |  |
| Ethylbenzene                    | 0.112 | 0.00102 | "         | 0.102 | ND | 110  | 80-120 |  |  |  |
| Xylene (p/m)                    | 0.199 | 0.00204 | "         | 0.204 | ND | 97.5 | 80-120 |  |  |  |
| Xylene (o)                      | 0.108 | 0.00102 | "         | 0.102 | ND | 105  | 80-120 |  |  |  |
| Surrogate: 4-Bromofluorobenzene | 0.134 |         | "         | 0.122 |    | 109  | 80-120 |  |  |  |
| Surrogate: 1,4-Difluorobenzene  | 0.116 |         | "         | 0.122 |    | 95.1 | 80-120 |  |  |  |

**Matrix Spike Dup (P2I2310-MSD1)**

**Source: 2I20002-01**

Prepared: 09/23/22 Analyzed: 09/24/22

|                                 |       |         |           |       |    |      |        |      |    |  |
|---------------------------------|-------|---------|-----------|-------|----|------|--------|------|----|--|
| Benzene                         | 0.115 | 0.00102 | mg/kg dry | 0.102 | ND | 113  | 80-120 | 1.26 | 20 |  |
| Toluene                         | 0.105 | 0.00102 | "         | 0.102 | ND | 103  | 80-120 | 1.26 | 20 |  |
| Ethylbenzene                    | 0.110 | 0.00102 | "         | 0.102 | ND | 108  | 80-120 | 1.81 | 20 |  |
| Xylene (p/m)                    | 0.195 | 0.00204 | "         | 0.204 | ND | 95.6 | 80-120 | 1.95 | 20 |  |
| Xylene (o)                      | 0.103 | 0.00102 | "         | 0.102 | ND | 101  | 80-120 | 4.11 | 20 |  |
| Surrogate: 4-Bromofluorobenzene | 0.135 |         | "         | 0.122 |    | 110  | 80-120 |      |    |  |
| Surrogate: 1,4-Difluorobenzene  | 0.119 |         | "         | 0.122 |    | 96.9 | 80-120 |      |    |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1512 - \*\*\* DEFAULT PREP \*\*\***

|                                         |        |      |           |                               |      |      |        |      |    |  |
|-----------------------------------------|--------|------|-----------|-------------------------------|------|------|--------|------|----|--|
| <b>Blank (P2I1512-BLK1)</b>             |        |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                                | ND     | 1.00 | mg/kg     |                               |      |      |        |      |    |  |
| <b>LCS (P2I1512-BS1)</b>                |        |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                                | 19.3   |      | mg/kg     | 20.0                          |      | 96.6 | 90-110 |      |    |  |
| <b>LCS Dup (P2I1512-BSD1)</b>           |        |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                                | 18.4   |      | mg/kg     | 20.0                          |      | 92.0 | 90-110 | 4.87 | 10 |  |
| <b>Calibration Blank (P2I1512-CCB1)</b> |        |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                                | 0.0570 |      | mg/kg     |                               |      |      |        |      |    |  |
| <b>Calibration Blank (P2I1512-CCB2)</b> |        |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                                | 0.00   |      | mg/kg     |                               |      |      |        |      |    |  |
| <b>Calibration Check (P2I1512-CCV1)</b> |        |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                                | 18.7   |      | mg/kg     | 20.0                          |      | 93.6 | 90-110 |      |    |  |
| <b>Calibration Check (P2I1512-CCV2)</b> |        |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                                | 18.8   |      | mg/kg     | 20.0                          |      | 94.2 | 90-110 |      |    |  |
| <b>Calibration Check (P2I1512-CCV3)</b> |        |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                                | 18.5   |      | mg/kg     | 20.0                          |      | 92.7 | 90-110 |      |    |  |
| <b>Matrix Spike (P2I1512-MS1)</b>       |        |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                                | 236    | 1.08 | mg/kg dry | 269                           | 4.87 | 86.1 | 80-120 |      |    |  |
| <b>Matrix Spike (P2I1512-MS2)</b>       |        |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                                | 222    | 1.04 | mg/kg dry | 260                           | 4.31 | 83.5 | 80-120 |      |    |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1512 - \*\*\* DEFAULT PREP \*\*\***

|                                        |                           |      |           |                               |      |      |        |      |    |  |
|----------------------------------------|---------------------------|------|-----------|-------------------------------|------|------|--------|------|----|--|
| <b>Matrix Spike Dup (P2I1512-MSD1)</b> | <b>Source: 2114011-06</b> |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                               | 230                       | 1.08 | mg/kg dry | 269                           | 4.87 | 83.6 | 80-120 | 2.83 | 20 |  |
| <b>Matrix Spike Dup (P2I1512-MSD2)</b> | <b>Source: 2115005-02</b> |      |           | Prepared & Analyzed: 09/15/22 |      |      |        |      |    |  |
| Chloride                               | 216                       | 1.04 | mg/kg dry | 260                           | 4.31 | 81.2 | 80-120 | 2.70 | 20 |  |

**Batch P2I1602 - \*\*\* DEFAULT PREP \*\*\***

|                                 |                               |     |   |                               |     |  |  |      |    |    |
|---------------------------------|-------------------------------|-----|---|-------------------------------|-----|--|--|------|----|----|
| <b>Blank (P2I1602-BLK1)</b>     | Prepared & Analyzed: 09/16/22 |     |   |                               |     |  |  |      |    |    |
| % Moisture                      | ND                            | 0.1 | % |                               |     |  |  |      |    |    |
| <b>Duplicate (P2I1602-DUP1)</b> | <b>Source: 2115005-04</b>     |     |   | Prepared & Analyzed: 09/16/22 |     |  |  |      |    |    |
| % Moisture                      | 7.0                           | 0.1 | % |                               | 8.0 |  |  | 13.3 | 20 |    |
| <b>Duplicate (P2I1602-DUP2)</b> | <b>Source: 2115005-14</b>     |     |   | Prepared & Analyzed: 09/16/22 |     |  |  |      |    |    |
| % Moisture                      | 3.0                           | 0.1 | % |                               | 2.0 |  |  | 40.0 | 20 | R3 |

**Batch P2I1604 - \*\*\* DEFAULT PREP \*\*\***

|                               |                               |      |       |      |  |      |        |      |    |  |
|-------------------------------|-------------------------------|------|-------|------|--|------|--------|------|----|--|
| <b>Blank (P2I1604-BLK1)</b>   | Prepared & Analyzed: 09/16/22 |      |       |      |  |      |        |      |    |  |
| Chloride                      | ND                            | 1.00 | mg/kg |      |  |      |        |      |    |  |
| <b>LCS (P2I1604-BS1)</b>      | Prepared & Analyzed: 09/16/22 |      |       |      |  |      |        |      |    |  |
| Chloride                      | 18.6                          |      | mg/kg | 20.0 |  | 93.1 | 90-110 |      |    |  |
| <b>LCS Dup (P2I1604-BSD1)</b> | Prepared & Analyzed: 09/16/22 |      |       |      |  |      |        |      |    |  |
| Chloride                      | 18.9                          |      | mg/kg | 20.0 |  | 94.4 | 90-110 | 1.32 | 10 |  |

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.  
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Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte                                     | Result | Reporting<br>Limit        | Units     | Spike<br>Level                        | Source<br>Result | %REC | %REC<br>Limits | RPD   | RPD<br>Limit | Notes |
|---------------------------------------------|--------|---------------------------|-----------|---------------------------------------|------------------|------|----------------|-------|--------------|-------|
| <b>Batch P2I1604 - *** DEFAULT PREP ***</b> |        |                           |           |                                       |                  |      |                |       |              |       |
| <b>Calibration Blank (P2I1604-CCB1)</b>     |        |                           |           | Prepared & Analyzed: 09/16/22         |                  |      |                |       |              |       |
| Chloride                                    | 0.0710 |                           | mg/kg     |                                       |                  |      |                |       |              |       |
| <b>Calibration Blank (P2I1604-CCB2)</b>     |        |                           |           | Prepared & Analyzed: 09/16/22         |                  |      |                |       |              |       |
| Chloride                                    | 0.0740 |                           | mg/kg     |                                       |                  |      |                |       |              |       |
| <b>Calibration Check (P2I1604-CCV1)</b>     |        |                           |           | Prepared & Analyzed: 09/16/22         |                  |      |                |       |              |       |
| Chloride                                    | 18.3   |                           | mg/kg     | 20.0                                  |                  | 91.6 | 90-110         |       |              |       |
| <b>Calibration Check (P2I1604-CCV2)</b>     |        |                           |           | Prepared & Analyzed: 09/16/22         |                  |      |                |       |              |       |
| Chloride                                    | 18.2   |                           | mg/kg     | 20.0                                  |                  | 91.2 | 90-110         |       |              |       |
| <b>Calibration Check (P2I1604-CCV3)</b>     |        |                           |           | Prepared: 09/16/22 Analyzed: 09/20/22 |                  |      |                |       |              |       |
| Chloride                                    | 18.1   |                           | mg/kg     | 20.0                                  |                  | 90.4 | 90-110         |       |              |       |
| <b>Matrix Spike (P2I1604-MS1)</b>           |        | <b>Source: 2I15005-12</b> |           | Prepared & Analyzed: 09/16/22         |                  |      |                |       |              |       |
| Chloride                                    | 5540   | 11.4                      | mg/kg dry | 568                                   | 4910             | 112  | 80-120         |       |              |       |
| <b>Matrix Spike (P2I1604-MS2)</b>           |        | <b>Source: 2I15005-22</b> |           | Prepared & Analyzed: 09/16/22         |                  |      |                |       |              |       |
| Chloride                                    | 299    | 1.03                      | mg/kg dry | 258                                   | 137              | 63.0 | 80-120         |       |              | QM-05 |
| <b>Matrix Spike Dup (P2I1604-MSD1)</b>      |        | <b>Source: 2I15005-12</b> |           | Prepared & Analyzed: 09/16/22         |                  |      |                |       |              |       |
| Chloride                                    | 5590   | 11.4                      | mg/kg dry | 568                                   | 4910             | 120  | 80-120         | 0.894 | 20           |       |
| <b>Matrix Spike Dup (P2I1604-MSD2)</b>      |        | <b>Source: 2I15005-22</b> |           | Prepared & Analyzed: 09/16/22         |                  |      |                |       |              |       |
| Chloride                                    | 310    | 1.03                      | mg/kg dry | 258                                   | 137              | 67.3 | 80-120         | 3.62  | 20           | QM-05 |
| <b>Batch P2I1607 - *** DEFAULT PREP ***</b> |        |                           |           |                                       |                  |      |                |       |              |       |
| <b>Blank (P2I1607-BLK1)</b>                 |        |                           |           | Prepared & Analyzed: 09/16/22         |                  |      |                |       |              |       |
| % Moisture                                  | ND     | 0.1                       | %         |                                       |                  |      |                |       |              |       |

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Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1607 - \*\*\* DEFAULT PREP \*\*\***

|                                 |      |     |   |                                                  |      |  |  |      |    |  |
|---------------------------------|------|-----|---|--------------------------------------------------|------|--|--|------|----|--|
| <b>Blank (P2I1607-BLK2)</b>     |      |     |   | Prepared & Analyzed: 09/16/22                    |      |  |  |      |    |  |
| % Moisture                      | ND   | 0.1 | % |                                                  |      |  |  |      |    |  |
| <b>Duplicate (P2I1607-DUP1)</b> |      |     |   | Source: 2115005-25 Prepared & Analyzed: 09/16/22 |      |  |  |      |    |  |
| % Moisture                      | 2.0  | 0.1 | % |                                                  | 2.0  |  |  | 0.00 | 20 |  |
| <b>Duplicate (P2I1607-DUP2)</b> |      |     |   | Source: 2115005-35 Prepared & Analyzed: 09/16/22 |      |  |  |      |    |  |
| % Moisture                      | 1.0  | 0.1 | % |                                                  | 1.0  |  |  | 0.00 | 20 |  |
| <b>Duplicate (P2I1607-DUP3)</b> |      |     |   | Source: 2115010-03 Prepared & Analyzed: 09/16/22 |      |  |  |      |    |  |
| % Moisture                      | 15.0 | 0.1 | % |                                                  | 15.0 |  |  | 0.00 | 20 |  |
| <b>Duplicate (P2I1607-DUP4)</b> |      |     |   | Source: 2116001-01 Prepared & Analyzed: 09/16/22 |      |  |  |      |    |  |
| % Moisture                      | 5.0  | 0.1 | % |                                                  | 5.0  |  |  | 0.00 | 20 |  |

**Batch P2I1609 - \*\*\* DEFAULT PREP \*\*\***

|                                         |      |      |       |                               |      |        |        |    |  |  |
|-----------------------------------------|------|------|-------|-------------------------------|------|--------|--------|----|--|--|
| <b>Blank (P2I1609-BLK1)</b>             |      |      |       | Prepared & Analyzed: 09/16/22 |      |        |        |    |  |  |
| Chloride                                | ND   | 1.00 | mg/kg |                               |      |        |        |    |  |  |
| <b>LCS (P2I1609-BS1)</b>                |      |      |       | Prepared & Analyzed: 09/16/22 |      |        |        |    |  |  |
| Chloride                                | 19.9 |      | mg/kg | 20.0                          | 99.7 | 90-110 |        |    |  |  |
| <b>LCS Dup (P2I1609-BSD1)</b>           |      |      |       | Prepared & Analyzed: 09/16/22 |      |        |        |    |  |  |
| Chloride                                | 19.9 |      | mg/kg | 20.0                          | 99.7 | 90-110 | 0.0501 | 10 |  |  |
| <b>Calibration Blank (P2I1609-CCB1)</b> |      |      |       | Prepared & Analyzed: 09/16/22 |      |        |        |    |  |  |
| Chloride                                | 0.00 |      | mg/kg |                               |      |        |        |    |  |  |

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Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**General Chemistry Parameters by EPA / Standard Methods - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte                                     | Result | Reporting<br>Limit | Units     | Spike<br>Level                                   | Source<br>Result | %REC | %REC<br>Limits | RPD    | RPD<br>Limit | Notes |
|---------------------------------------------|--------|--------------------|-----------|--------------------------------------------------|------------------|------|----------------|--------|--------------|-------|
| <b>Batch P2I1609 - *** DEFAULT PREP ***</b> |        |                    |           |                                                  |                  |      |                |        |              |       |
| <b>Calibration Blank (P2I1609-CCB2)</b>     |        |                    |           | Prepared & Analyzed: 09/16/22                    |                  |      |                |        |              |       |
| Chloride                                    | 0.00   |                    | mg/kg     |                                                  |                  |      |                |        |              |       |
| <b>Calibration Check (P2I1609-CCV1)</b>     |        |                    |           | Prepared: 09/16/22 Analyzed: 09/20/22            |                  |      |                |        |              |       |
| Chloride                                    | 18.1   |                    | mg/kg     | 20.0                                             |                  | 90.4 | 90-110         |        |              |       |
| <b>Calibration Check (P2I1609-CCV2)</b>     |        |                    |           | Prepared: 09/16/22 Analyzed: 09/20/22            |                  |      |                |        |              |       |
| Chloride                                    | 18.3   |                    | mg/kg     | 20.0                                             |                  | 91.3 | 90-110         |        |              |       |
| <b>Calibration Check (P2I1609-CCV3)</b>     |        |                    |           | Prepared & Analyzed: 09/16/22                    |                  |      |                |        |              |       |
| Chloride                                    | 19.1   |                    | mg/kg     | 20.0                                             |                  | 95.5 | 90-110         |        |              |       |
| <b>Matrix Spike (P2I1609-MS1)</b>           |        |                    |           | Source: 2I15005-32 Prepared & Analyzed: 09/16/22 |                  |      |                |        |              |       |
| Chloride                                    | 958    | 1.10               | mg/kg dry | 275                                              | 819              | 50.6 | 80-120         |        |              | QM-05 |
| <b>Matrix Spike (P2I1609-MS2)</b>           |        |                    |           | Source: 2I15003-01 Prepared & Analyzed: 09/16/22 |                  |      |                |        |              |       |
| Chloride                                    | 5670   | 27.8               | mg/kg dry | 1390                                             | 4300             | 98.3 | 80-120         |        |              |       |
| <b>Matrix Spike Dup (P2I1609-MSD1)</b>      |        |                    |           | Source: 2I15005-32 Prepared & Analyzed: 09/16/22 |                  |      |                |        |              |       |
| Chloride                                    | 1030   | 1.10               | mg/kg dry | 275                                              | 819              | 75.0 | 80-120         | 6.79   | 20           | QM-05 |
| <b>Matrix Spike Dup (P2I1609-MSD2)</b>      |        |                    |           | Source: 2I15003-01 Prepared & Analyzed: 09/16/22 |                  |      |                |        |              |       |
| Chloride                                    | 5680   | 27.8               | mg/kg dry | 1390                                             | 4300             | 98.7 | 80-120         | 0.0930 | 20           |       |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1605 - TX 1005**

**Blank (P2I1605-BLK1)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |     |        |  |  |  |
|---------------------------|------|------|-------|------|--|-----|--------|--|--|--|
| C6-C12                    | ND   | 25.0 | mg/kg |      |  |     |        |  |  |  |
| >C12-C28                  | ND   | 25.0 | "     |      |  |     |        |  |  |  |
| >C28-C35                  | ND   | 25.0 | "     |      |  |     |        |  |  |  |
| Surrogate: 1-Chlorooctane | 103  |      | "     | 100  |  | 103 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 53.2 |      | "     | 50.0 |  | 106 | 70-130 |  |  |  |

**LCS (P2I1605-BS1)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |      |        |  |  |  |
|---------------------------|------|------|-------|------|--|------|--------|--|--|--|
| C6-C12                    | 1020 | 25.0 | mg/kg | 1000 |  | 102  | 75-125 |  |  |  |
| >C12-C28                  | 985  | 25.0 | "     | 1000 |  | 98.5 | 75-125 |  |  |  |
| Surrogate: 1-Chlorooctane | 109  |      | "     | 100  |  | 109  | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 60.0 |      | "     | 50.0 |  | 120  | 70-130 |  |  |  |

**LCS Dup (P2I1605-BS1)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |      |        |       |    |  |
|---------------------------|------|------|-------|------|--|------|--------|-------|----|--|
| C6-C12                    | 1010 | 25.0 | mg/kg | 1000 |  | 101  | 75-125 | 0.863 | 20 |  |
| >C12-C28                  | 962  | 25.0 | "     | 1000 |  | 96.2 | 75-125 | 2.38  | 20 |  |
| Surrogate: 1-Chlorooctane | 106  |      | "     | 100  |  | 106  | 70-130 |       |    |  |
| Surrogate: o-Terphenyl    | 57.7 |      | "     | 50.0 |  | 115  | 70-130 |       |    |  |

**Calibration Check (P2I1605-CCV1)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |     |        |  |  |  |
|---------------------------|------|------|-------|------|--|-----|--------|--|--|--|
| C6-C12                    | 511  | 25.0 | mg/kg | 500  |  | 102 | 85-115 |  |  |  |
| >C12-C28                  | 502  | 25.0 | "     | 500  |  | 100 | 85-115 |  |  |  |
| Surrogate: 1-Chlorooctane | 125  |      | "     | 100  |  | 125 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 54.5 |      | "     | 50.0 |  | 109 | 70-130 |  |  |  |

**Calibration Check (P2I1605-CCV2)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |     |        |  |  |  |
|---------------------------|------|------|-------|------|--|-----|--------|--|--|--|
| C6-C12                    | 505  | 25.0 | mg/kg | 500  |  | 101 | 85-115 |  |  |  |
| >C12-C28                  | 514  | 25.0 | "     | 500  |  | 103 | 85-115 |  |  |  |
| Surrogate: 1-Chlorooctane | 125  |      | "     | 100  |  | 125 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 53.8 |      | "     | 50.0 |  | 108 | 70-130 |  |  |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1605 - TX 1005**

**Calibration Check (P2I1605-CCV3)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |     |        |  |  |  |
|---------------------------|------|------|-------|------|--|-----|--------|--|--|--|
| C6-C12                    | 527  | 25.0 | mg/kg | 500  |  | 105 | 85-115 |  |  |  |
| >C12-C28                  | 532  | 25.0 | "     | 500  |  | 106 | 85-115 |  |  |  |
| Surrogate: 1-Chlorooctane | 129  |      | "     | 100  |  | 129 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 56.5 |      | "     | 50.0 |  | 113 | 70-130 |  |  |  |

**Duplicate (P2I1605-DUP1)**

Source: 21I4015-01

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |     |           |      |      |     |        |      |    |    |
|---------------------------|------|-----|-----------|------|------|-----|--------|------|----|----|
| C6-C12                    | 543  | 526 | mg/kg dry |      | 345  |     |        | 44.5 | 20 | R3 |
| >C12-C28                  | 6430 | 526 | "         |      | 6260 |     |        | 2.71 | 20 |    |
| Surrogate: 1-Chlorooctane | 113  |     | "         | 105  |      | 107 | 70-130 |      |    |    |
| Surrogate: o-Terphenyl    | 63.8 |     | "         | 52.6 |      | 121 | 70-130 |      |    |    |

**Batch P2I1606 - TX 1005**

**Blank (P2I1606-BLK1)**

Prepared & Analyzed: 09/16/22

|                           |      |      |       |      |  |      |        |  |  |  |
|---------------------------|------|------|-------|------|--|------|--------|--|--|--|
| C6-C12                    | ND   | 25.0 | mg/kg |      |  |      |        |  |  |  |
| >C12-C28                  | ND   | 25.0 | "     |      |  |      |        |  |  |  |
| >C28-C35                  | ND   | 25.0 | "     |      |  |      |        |  |  |  |
| Surrogate: 1-Chlorooctane | 97.2 |      | "     | 100  |  | 97.2 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 52.9 |      | "     | 50.0 |  | 106  | 70-130 |  |  |  |

**LCS (P2I1606-BS1)**

Prepared & Analyzed: 09/16/22

|                           |      |      |       |      |  |      |        |  |  |  |
|---------------------------|------|------|-------|------|--|------|--------|--|--|--|
| C6-C12                    | 944  | 25.0 | mg/kg | 1000 |  | 94.4 | 75-125 |  |  |  |
| >C12-C28                  | 999  | 25.0 | "     | 1000 |  | 99.9 | 75-125 |  |  |  |
| Surrogate: 1-Chlorooctane | 104  |      | "     | 100  |  | 104  | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 62.6 |      | "     | 50.0 |  | 125  | 70-130 |  |  |  |

**LCS Dup (P2I1606-BSD1)**

Prepared & Analyzed: 09/16/22

|                           |      |      |       |      |  |      |        |      |    |  |
|---------------------------|------|------|-------|------|--|------|--------|------|----|--|
| C6-C12                    | 965  | 25.0 | mg/kg | 1000 |  | 96.5 | 75-125 | 2.20 | 20 |  |
| >C12-C28                  | 1030 | 25.0 | "     | 1000 |  | 103  | 75-125 | 3.22 | 20 |  |
| Surrogate: 1-Chlorooctane | 107  |      | "     | 100  |  | 107  | 70-130 |      |    |  |
| Surrogate: o-Terphenyl    | 58.0 |      | "     | 50.0 |  | 116  | 70-130 |      |    |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1606 - TX 1005**

**Calibration Check (P2I1606-CCV1)**

Prepared & Analyzed: 09/16/22

|                           |      |      |       |      |  |      |        |  |  |  |
|---------------------------|------|------|-------|------|--|------|--------|--|--|--|
| C6-C12                    | 478  | 25.0 | mg/kg | 500  |  | 95.6 | 85-115 |  |  |  |
| >C12-C28                  | 538  | 25.0 | "     | 500  |  | 108  | 85-115 |  |  |  |
| Surrogate: 1-Chlorooctane | 121  |      | "     | 100  |  | 121  | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 54.5 |      | "     | 50.0 |  | 109  | 70-130 |  |  |  |

**Calibration Check (P2I1606-CCV2)**

Prepared & Analyzed: 09/16/22

|                           |      |      |       |      |  |      |        |  |  |  |
|---------------------------|------|------|-------|------|--|------|--------|--|--|--|
| C6-C12                    | 481  | 25.0 | mg/kg | 500  |  | 96.2 | 85-115 |  |  |  |
| >C12-C28                  | 556  | 25.0 | "     | 500  |  | 111  | 85-115 |  |  |  |
| Surrogate: 1-Chlorooctane | 124  |      | "     | 100  |  | 124  | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 55.8 |      | "     | 50.0 |  | 112  | 70-130 |  |  |  |

**Matrix Spike (P2I1606-MS1)**

Source: 2115005-35

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |           |      |      |      |        |  |  |  |
|---------------------------|------|------|-----------|------|------|------|--------|--|--|--|
| C6-C12                    | 930  | 25.3 | mg/kg dry | 1010 | 16.9 | 90.4 | 75-125 |  |  |  |
| >C12-C28                  | 992  | 25.3 | "         | 1010 | ND   | 98.2 | 75-125 |  |  |  |
| Surrogate: 1-Chlorooctane | 97.8 |      | "         | 101  |      | 96.8 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 51.3 |      | "         | 50.5 |      | 102  | 70-130 |  |  |  |

**Matrix Spike Dup (P2I1606-MSD1)**

Source: 2115005-35

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |           |      |      |      |        |        |    |  |
|---------------------------|------|------|-----------|------|------|------|--------|--------|----|--|
| C6-C12                    | 926  | 25.3 | mg/kg dry | 1010 | 16.9 | 90.0 | 75-125 | 0.480  | 20 |  |
| >C12-C28                  | 991  | 25.3 | "         | 1010 | ND   | 98.1 | 75-125 | 0.0988 | 20 |  |
| Surrogate: 1-Chlorooctane | 98.9 |      | "         | 101  |      | 97.9 | 70-130 |        |    |  |
| Surrogate: o-Terphenyl    | 51.3 |      | "         | 50.5 |      | 102  | 70-130 |        |    |  |

**Batch P2I1610 - TX 1005**

**Blank (P2I1610-BLK1)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |      |        |  |  |  |
|---------------------------|------|------|-------|------|--|------|--------|--|--|--|
| C6-C12                    | ND   | 25.0 | mg/kg |      |  |      |        |  |  |  |
| >C12-C28                  | ND   | 25.0 | "     |      |  |      |        |  |  |  |
| >C28-C35                  | ND   | 25.0 | "     |      |  |      |        |  |  |  |
| Surrogate: 1-Chlorooctane | 99.7 |      | "     | 100  |  | 99.7 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 54.5 |      | "     | 50.0 |  | 109  | 70-130 |  |  |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1610 - TX 1005**

**LCS (P2I1610-BS1)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |      |        |  |  |  |
|---------------------------|------|------|-------|------|--|------|--------|--|--|--|
| C6-C12                    | 985  | 25.0 | mg/kg | 1000 |  | 98.5 | 75-125 |  |  |  |
| >C12-C28                  | 1070 | 25.0 | "     | 1000 |  | 107  | 75-125 |  |  |  |
| Surrogate: 1-Chlorooctane | 107  |      | "     | 100  |  | 107  | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 56.2 |      | "     | 50.0 |  | 112  | 70-130 |  |  |  |

**LCS Dup (P2I1610-BSD1)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |      |        |      |    |  |
|---------------------------|------|------|-------|------|--|------|--------|------|----|--|
| C6-C12                    | 998  | 25.0 | mg/kg | 1000 |  | 99.8 | 75-125 | 1.30 | 20 |  |
| >C12-C28                  | 1080 | 25.0 | "     | 1000 |  | 108  | 75-125 | 1.16 | 20 |  |
| Surrogate: 1-Chlorooctane | 108  |      | "     | 100  |  | 108  | 70-130 |      |    |  |
| Surrogate: o-Terphenyl    | 56.1 |      | "     | 50.0 |  | 112  | 70-130 |      |    |  |

**Calibration Check (P2I1610-CCV1)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |     |        |  |  |  |
|---------------------------|------|------|-------|------|--|-----|--------|--|--|--|
| C6-C12                    | 513  | 25.0 | mg/kg | 500  |  | 103 | 85-115 |  |  |  |
| >C12-C28                  | 575  | 25.0 | "     | 500  |  | 115 | 85-115 |  |  |  |
| Surrogate: 1-Chlorooctane | 128  |      | "     | 100  |  | 128 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 57.9 |      | "     | 50.0 |  | 116 | 70-130 |  |  |  |

**Calibration Check (P2I1610-CCV2)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |     |        |  |  |  |
|---------------------------|------|------|-------|------|--|-----|--------|--|--|--|
| C6-C12                    | 509  | 25.0 | mg/kg | 500  |  | 102 | 85-115 |  |  |  |
| >C12-C28                  | 571  | 25.0 | "     | 500  |  | 114 | 85-115 |  |  |  |
| Surrogate: 1-Chlorooctane | 129  |      | "     | 100  |  | 129 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 64.6 |      | "     | 50.0 |  | 129 | 70-130 |  |  |  |

**Calibration Check (P2I1610-CCV3)**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |      |      |       |      |  |     |        |  |  |  |
|---------------------------|------|------|-------|------|--|-----|--------|--|--|--|
| C6-C12                    | 538  | 25.0 | mg/kg | 500  |  | 108 | 85-115 |  |  |  |
| >C12-C28                  | 531  | 25.0 | "     | 500  |  | 106 | 85-115 |  |  |  |
| Surrogate: 1-Chlorooctane | 110  |      | "     | 100  |  | 110 | 70-130 |  |  |  |
| Surrogate: o-Terphenyl    | 62.6 |      | "     | 50.0 |  | 125 | 70-130 |  |  |  |

Permian Basin Environmental Lab, L.P.

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Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

**Total Petroleum Hydrocarbons C6-C35 by EPA Method 8015M - Quality Control**  
**Permian Basin Environmental Lab, L.P.**

| Analyte | Result | Reporting<br>Limit | Units | Spike<br>Level | Source<br>Result | %REC | %REC<br>Limits | RPD | RPD<br>Limit | Notes |
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|
|---------|--------|--------------------|-------|----------------|------------------|------|----------------|-----|--------------|-------|

**Batch P2I1610 - TX 1005**

**Duplicate (P2I1610-DUP1)**

**Source: 2I15011-01**

Prepared: 09/16/22 Analyzed: 09/17/22

|                           |       |     |           |      |       |      |        |      |    |  |
|---------------------------|-------|-----|-----------|------|-------|------|--------|------|----|--|
| C6-C12                    | 389   | 526 | mg/kg dry |      | 401   |      |        | 2.82 | 20 |  |
| >C12-C28                  | 23400 | 526 | "         |      | 22800 |      |        | 2.72 | 20 |  |
| Surrogate: 1-Chlorooctane | 88.0  |     | "         | 105  |       | 83.6 | 70-130 |      |    |  |
| Surrogate: o-Terphenyl    | 56.8  |     | "         | 52.6 |       | 108  | 70-130 |      |    |  |

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.  
P.O. Box 50685  
Midland TX, 79710

Project: Red Tanks PW Release  
Project Number: 22-0104-05  
Project Manager: Mark Larson

### Notes and Definitions

ROI Received on Ice

R3 The RPD exceeded the acceptance limit due to sample matrix effects.

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:



Date:

9/26/2022

Brent Barron, Laboratory Director/Technical Director

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

Larson & Associates, Inc.

Project: Red Tanks PW Release

P.O. Box 50685

Project Number: 22-0104-05

Midland TX, 79710

Project Manager: Mark Larson

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If you have received this material in error, please notify us immediately at 432-686-7235.

Permian Basin Environmental Lab, L.P.

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1400 Rankin HWY Midland, TX 79701 432-686-7235

# Marson & Associates, Inc.

Environmental Consultants

507 N. Marientfield, Ste. 202

Midland, TX 79701

409-687-0901

LMM

No 1831

CHAIN-OF-CUSTODY

DATE: 9/15/2022

PAGE 1 OF 3

PO#:

LAB WORK ORDER#:

2115005

PROJECT LOCATION OR NAME:

Red Trucks Air Release

Data Reported to:

LAI PROJECT #: 22-0104-05

COLLECTOR: DSG/JTH

 TRRP report?  
☐ Yes ☒ No

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

 TIME ZONE:  
 Time zone/State:

MNT/NM

 Field  
 Sample I.D.

Lab #

Date

Time

Matrix

# of Containers

HCl

HNO<sub>3</sub>H<sub>2</sub>SO<sub>4</sub> ☐ NaOH ☐

ICE

UNPRESERVED

ANALYSES

BTEX-MTBE ☐TPH 418.1 ☐TPH 1005 ☐TPH 1006 ☐GASOLINE MOD 8015 ☐DIESEL - MOD 8015 ☐OIL - MOD 8015 ☐VOC 8260 ☐SVOC 8270 ☐8081 PESTICIDES ☐8082 PCBs ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐TOX ☐PH ☐EXPLOSIVES ☐CHLORIDES ☐ANIONS ☐ALKALINITY ☐CYANIDE ☐OTHER LIST ☐D.W. 200.8 ☐FLASHPOINT ☐% MOISTURE ☐Semi-VOC ☐HOLDPAH ☐8151 HERBICIDES ☐TCIP - VOC ☐TCIP - METALS (RCRA) ☐TCIP - PEST ☐TOTAL METALS (RCRA) ☐LEAD - TOTAL ☐RCL ☐TDS ☐







Environment Testing

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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 11/16/2022 3:53:58 PM

## JOB DESCRIPTION

Select Energy-Red Tanks  
SDG NUMBER 22-0104-05

## JOB NUMBER

880-21421-1

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Laboratory Job ID: 880-21421-1  
SDG: 22-0104-05

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## Definitions/Glossary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## 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, low biased.     |
| U         | Indicates the analyte was analyzed for but not detected.   |

## GC Semi VOA

| Qualifier | Qualifier Description                                    |
|-----------|----------------------------------------------------------|
| *1        | LCS/LCSD RPD exceeds control limits.                     |
| 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.                                 |
|----------------|-------------------------------------------------------------------------------------------------------------|
| α              | Listed under the "D" column to designate that the result is reported on a dry weight basis                  |
| %R             | Percent Recovery                                                                                            |
| CFL            | Contains Free Liquid                                                                                        |
| CFU            | Colony Forming Unit                                                                                         |
| CNF            | Contains No Free Liquid                                                                                     |
| DER            | Duplicate Error Ratio (normalized absolute difference)                                                      |
| Dil Fac        | Dilution Factor                                                                                             |
| DL             | Detection Limit (DoD/DOE)                                                                                   |
| DL, RA, RE, IN | Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample |
| DLC            | Decision Level Concentration (Radiochemistry)                                                               |
| EDL            | Estimated Detection Limit (Dioxin)                                                                          |
| LOD            | Limit of Detection (DoD/DOE)                                                                                |
| LOQ            | Limit of Quantitation (DoD/DOE)                                                                             |
| MCL            | EPA recommended "Maximum Contaminant Level"                                                                 |
| MDA            | Minimum Detectable Activity (Radiochemistry)                                                                |
| MDC            | Minimum Detectable Concentration (Radiochemistry)                                                           |
| MDL            | Method Detection Limit                                                                                      |
| ML             | Minimum Level (Dioxin)                                                                                      |
| MPN            | Most Probable Number                                                                                        |
| MQL            | Method Quantitation Limit                                                                                   |
| NC             | Not Calculated                                                                                              |
| ND             | Not Detected at the reporting limit (or MDL or EDL if shown)                                                |
| NEG            | Negative / Absent                                                                                           |
| POS            | Positive / Present                                                                                          |
| PQL            | Practical Quantitation Limit                                                                                |
| PRES           | Presumptive                                                                                                 |
| QC             | Quality Control                                                                                             |
| RER            | Relative Error Ratio (Radiochemistry)                                                                       |
| RL             | Reporting Limit or Requested Limit (Radiochemistry)                                                         |
| RPD            | Relative Percent Difference, a measure of the relative difference between two points                        |
| TEF            | Toxicity Equivalent Factor (Dioxin)                                                                         |
| TEQ            | Toxicity Equivalent Quotient (Dioxin)                                                                       |
| TNTC           | Too Numerous To Count                                                                                       |

Eurofins Midland

## Case Narrative

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## Job ID: 880-21421-1

## Laboratory: Eurofins Midland

## Narrative

Job Narrative  
880-21421-1

## Receipt

The samples were received on 11/10/2022 8:39 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.4° C.

## Receipt Exceptions

The following samples were received and analyzed from a bulk soil jar: S-13, 1' (880-21421-1), S-13, 3' (880-21421-2), S-13, 5' (880-21421-3), S-12, 1' (880-21421-4), S-12, 3' (880-21421-5), S-12, 5' (880-21421-6), S-11, 1' (880-21421-7), S-11, 3' (880-21421-8), S-11, 5' (880-21421-9), S-10, 1' (880-21421-10), S-10, 3' (880-21421-11), S-10, 5' (880-21421-12), S-9, 1' (880-21421-13), S-9, 3' (880-21421-14), S-9, 5' (880-21421-15), S-8, 1' (880-21421-16), S-8, 3' (880-21421-17), S-8, 5' (880-21421-18), S-7, 1' (880-21421-19), S-7, 3' (880-21421-20), S-7, 5' (880-21421-21), S-6, 1' (880-21421-22), S-6, 3' (880-21421-23), S-6, 5' (880-21421-24), S-5, 1' (880-21421-25), S-5, 3' (880-21421-26), S-5, 5' (880-21421-27), S-4, 1' (880-21421-28), S-4, 3' (880-21421-29), S-4, 5' (880-21421-30), S-3, 1' (880-21421-31), S-3, 3' (880-21421-32), S-3, 5' (880-21421-33), S-2, 1' (880-21421-34), S-2, 3' (880-21421-35), S-2, 5' (880-21421-36), S-1, 1' (880-21421-37), S-1, 3' (880-21421-38), S-1, 5' (880-21421-39), S-22, 1' (880-21421-40), S-22, 3' (880-21421-41) and S-22, 5' (880-21421-42).

## GC VOA

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-5, 3' (880-21421-26). 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: S-3, 1' (880-21421-31) and S-3, 3' (880-21421-32). 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: S-2, 3' (880-21421-35). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8021B: The laboratory control sample (LCS) associated with preparation batch 880-39493 and analytical batch 880-39394 was outside acceptance criteria. Re-extraction and/or re-analysis could not be performed; therefore, the data have been reported. The batch matrix spike/matrix spike duplicate (MS/MSD) was within acceptance limits and may be used to evaluate matrix performance.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-39251 and analytical batch 880-39391 was outside the upper control limits.

Method 8021B: The surrogate recovery for the blank associated with preparation batch 880-39492 and analytical batch 880-39391 was outside the upper control limits.

Method 8021B: Surrogate recovery for the following samples were outside control limits: S-10, 1' (880-21421-10). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

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

## GC Semi VOA

Method 8015B NM: The CCV was biased high for both gasoline and diesel range hydrocarbons. However, another CCV was analyzed and acceptable in the 12 hour period; therefore, the data was qualified and reported. (CCV 880-39373/47)

Method 8015B NM: Surrogate recovery for the following samples were outside control limits: S-22, 3' (880-21421-41) and (MB 880-39314/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: Surrogate recovery for the following sample was outside control limits: (MB 880-39299/1-A). Evidence of matrix interferences is not obvious.

Method 8015B NM: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch

## Case Narrative

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

### Job ID: 880-21421-1 (Continued)

#### Laboratory: Eurofins Midland (Continued)

880-39316 and analytical batch 880-39377 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 880-39316 and analytical batch 880-39377 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

Method 300.0: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-39450 and 880-39450 and analytical batch 880-39643 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: The matrix spike / matrix spike duplicate (MS/MSD) recoveries and precision for preparation batch 880-39452 and analytical batch 880-39652 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: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-13, 1'

Lab Sample ID: 880-21421-1

Date Collected: 11/02/22 12:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 01:41 | 1       |
| Toluene        | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:41 | 1       |
| Ethylbenzene   | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:41 | 1       |
| m,p-Xylenes    | <0.00401 | U         | 0.00401 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:41 | 1       |
| o-Xylene       | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:41 | 1       |
| Xylenes, Total | <0.00401 | U         | 0.00401 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:41 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 100       |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 01:41 | 1       |
| 1,4-Difluorobenzene (Surr)  | 99        |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 01:41 | 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 |   |          | 11/15/22 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 |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 11:25 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 11:25 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 11:25 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 110       |           | 70 - 130 | 11/11/22 09:37 | 11/12/22 11:25 | 1       |
| o-Terphenyl (Surr)    | 101       |           | 70 - 130 | 11/11/22 09:37 | 11/12/22 11:25 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 31.1   |           | 5.05 | mg/Kg |   |          | 11/15/22 21:57 | 1       |

Client Sample ID: S-13, 3'

Lab Sample ID: 880-21421-2

Date Collected: 11/02/22 12:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 02:07 | 1       |
| Toluene        | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:07 | 1       |
| Ethylbenzene   | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:07 | 1       |
| m,p-Xylenes    | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:07 | 1       |
| o-Xylene       | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:07 | 1       |
| Xylenes, Total | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:07 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 113       |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 02:07 | 1       |
| 1,4-Difluorobenzene (Surr)  | 99        |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 02:07 | 1       |

Eurofins Midland

## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-13, 3'

Lab Sample ID: 880-21421-2

Date Collected: 11/02/22 12:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   |          | 11/15/22 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 |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 12:31 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8     | U         | 49.8     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 12:31 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.8     | U         | 49.8     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 12:31 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 107       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 12:31 | 1       |
| o-Terphenyl (Surr)                   | 99        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 12:31 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 30.1   |           | 4.96 | mg/Kg |   |          | 11/15/22 22:18 | 1       |

Client Sample ID: S-13, 5'

Lab Sample ID: 880-21421-3

Date Collected: 11/02/22 12:30

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 02:33 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:33 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:33 | 1       |
| m,p-Xylenes                 | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:33 | 1       |
| o-Xylene                    | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:33 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:33 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 90        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 02:33 | 1       |
| 1,4-Difluorobenzene (Surr)  | 92        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 02:33 | 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 |   |          | 11/15/22 11:32 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 12:53 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 12:53 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-13, 5'

Lab Sample ID: 880-21421-3

Date Collected: 11/02/22 12:30

Matrix: Solid

Date Received: 11/10/22 08:39

## Method: SW846 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 |   | 11/11/22 09:37 | 11/12/22 12:53 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)             | 112       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 12:53 | 1       |
| o-Terphenyl (Surr)                | 105       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 12:53 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 21.9   |           | 4.99 | mg/Kg |   |          | 11/15/22 22:25 | 1       |

Client Sample ID: S-12, 1'

Lab Sample ID: 880-21421-4

Date Collected: 11/02/22 12:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 02:58 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:58 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:58 | 1       |
| m,p-Xylenes                 | <0.00399  | U         | 0.00399  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:58 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:58 | 1       |
| Xylenes, Total              | <0.00399  | U         | 0.00399  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 02:58 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 86        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 02:58 | 1       |
| 1,4-Difluorobenzene (Surr)  | 94        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 02:58 | 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 |   |          | 11/15/22 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 |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 13:14 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 13:14 | 1       |
| OII Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 13:14 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 122       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 13:14 | 1       |
| o-Terphenyl (Surr)                   | 113       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 13:14 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 13.4   |           | 5.01 | mg/Kg |   |          | 11/15/22 22:32 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-12, 3'

Lab Sample ID: 880-21421-5

Date Collected: 11/02/22 13:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 03:24 | 1       |
| Toluene        | <0.00201 | U         | 0.00201 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 03:24 | 1       |
| Ethylbenzene   | <0.00201 | U         | 0.00201 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 03:24 | 1       |
| m,p-Xylenes    | <0.00402 | U         | 0.00402 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 03:24 | 1       |
| o-Xylene       | <0.00201 | U         | 0.00201 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 03:24 | 1       |
| Xylenes, Total | <0.00402 | U         | 0.00402 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 03:24 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 103       |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 03:24 | 1       |
| 1,4-Difluorobenzene (Surr)  | 105       |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 03:24 | 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 |   |          | 11/15/22 11:32 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 13:36 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 13:36 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 13:36 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 118       |           | 70 - 130 | 11/11/22 09:37 | 11/12/22 13:36 | 1       |
| o-Terphenyl (Surr)    | 107       |           | 70 - 130 | 11/11/22 09:37 | 11/12/22 13:36 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 13.9   |           | 5.04 | mg/Kg |   |          | 11/15/22 22:39 | 1       |

Client Sample ID: S-12, 5'

Lab Sample ID: 880-21421-6

Date Collected: 11/02/22 13:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 03:49 | 1       |
| Toluene        | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 03:49 | 1       |
| Ethylbenzene   | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 03:49 | 1       |
| m,p-Xylenes    | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 03:49 | 1       |
| o-Xylene       | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 03:49 | 1       |
| Xylenes, Total | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 03:49 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 93        |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 03:49 | 1       |
| 1,4-Difluorobenzene (Surr)  | 99        |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 03:49 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-12, 5'

Lab Sample ID: 880-21421-6

Date Collected: 11/02/22 13:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   |          | 11/15/22 11:32 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 13:58 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 13:58 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 13:58 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 108       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 13:58 | 1       |
| o-Terphenyl (Surr)                   | 97        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 13:58 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 13.2   |           | 4.96 | mg/Kg |   |          | 11/15/22 23:01 | 1       |

Client Sample ID: S-11, 1'

Lab Sample ID: 880-21421-7

Date Collected: 11/02/22 13:30

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 04:15 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 04:15 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 04:15 | 1       |
| m,p-Xylenes                 | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 04:15 | 1       |
| o-Xylene                    | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 04:15 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 04:15 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 86        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 04:15 | 1       |
| 1,4-Difluorobenzene (Surr)  | 90        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 04:15 | 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 |   |          | 11/15/22 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 |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 14:19 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 14:19 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-11, 1'

Lab Sample ID: 880-21421-7

Date Collected: 11/02/22 13:30

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/11/22 09:37 | 11/12/22 14:19 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)             | 92        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 14:19 | 1       |
| o-Terphenyl (Surr)                | 91        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 14:19 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 67.8   |           | 4.96 | mg/Kg |   |          | 11/15/22 23:08 | 1       |

Client Sample ID: S-11, 3'

Lab Sample ID: 880-21421-8

Date Collected: 11/02/22 13:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 04:41 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 04:41 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 04:41 | 1       |
| m,p-Xylenes                 | <0.00399  | U         | 0.00399  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 04:41 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 04:41 | 1       |
| Xylenes, Total              | <0.00399  | U         | 0.00399  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 04:41 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 118       |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 04:41 | 1       |
| 1,4-Difluorobenzene (Surr)  | 110       |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 04:41 | 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 |   |          | 11/15/22 11:32 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 14:41 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 14:41 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 14:41 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 92        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 14:41 | 1       |
| o-Terphenyl (Surr)                   | 89        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 14:41 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 646    |           | 5.00 | mg/Kg |   |          | 11/15/22 23:15 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-11, 5'

Lab Sample ID: 880-21421-9

Date Collected: 11/02/22 14:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 05:06 | 1       |
| Toluene        | <0.00198 | U         | 0.00198 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 05:06 | 1       |
| Ethylbenzene   | <0.00198 | U         | 0.00198 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 05:06 | 1       |
| m,p-Xylenes    | <0.00397 | U         | 0.00397 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 05:06 | 1       |
| o-Xylene       | <0.00198 | U         | 0.00198 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 05:06 | 1       |
| Xylenes, Total | <0.00397 | U         | 0.00397 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 05:06 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 104       |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 05:06 | 1       |
| 1,4-Difluorobenzene (Surr)  | 110       |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 05:06 | 1       |

## Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte    | Result   | Qualifier | RL      | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00397 | U         | 0.00397 | mg/Kg |   |          | 11/15/22 11:32 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 15:03 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 15:03 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 15:03 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 90        |           | 70 - 130 | 11/11/22 09:37 | 11/12/22 15:03 | 1       |
| o-Terphenyl (Surr)    | 89        |           | 70 - 130 | 11/11/22 09:37 | 11/12/22 15:03 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 674    |           | 4.97 | mg/Kg |   |          | 11/15/22 23:22 | 1       |

Client Sample ID: S-10, 1'

Lab Sample ID: 880-21421-10

Date Collected: 11/02/22 14:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 05:32 | 1       |
| Toluene        | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 05:32 | 1       |
| Ethylbenzene   | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 05:32 | 1       |
| m,p-Xylenes    | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 05:32 | 1       |
| o-Xylene       | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 05:32 | 1       |
| Xylenes, Total | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 05:32 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 61        | S1-       | 70 - 130 | 11/14/22 13:29 | 11/15/22 05:32 | 1       |
| 1,4-Difluorobenzene (Surr)  | 104       |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 05:32 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-10, 1'

Lab Sample ID: 880-21421-10

Date Collected: 11/02/22 14:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   |          | 11/15/22 11:32 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 15:24 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 15:24 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 15:24 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 89        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 15:24 | 1       |
| o-Terphenyl (Surr)                   | 88        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 15:24 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 67.0   |           | 5.03 | mg/Kg |   |          | 11/15/22 23:29 | 1       |

Client Sample ID: S-10, 3'

Lab Sample ID: 880-21421-11

Date Collected: 11/02/22 14:30

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 07:18 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 07:18 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 07:18 | 1       |
| m,p-Xylenes                 | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 07:18 | 1       |
| o-Xylene                    | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 07:18 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 07:18 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 87        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 07:18 | 1       |
| 1,4-Difluorobenzene (Surr)  | 99        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 07:18 | 1       |

## Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte    | Result   | Qualifier | RL      | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U         | 0.00398 | mg/Kg |   |          | 11/15/22 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 |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 16:07 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 16:07 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-10, 3'

Date Collected: 11/02/22 14:30

Date Received: 11/10/22 08:39

Lab Sample ID: 880-21421-11

Matrix: Solid

## Method: SW846 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 |   | 11/11/22 09:37 | 11/12/22 16:07 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)             | 107       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 16:07 | 1       |
| o-Terphenyl (Surr)                | 101       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 16:07 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 51.3   |           | 5.01 | mg/Kg |   |          | 11/15/22 23:36 | 1       |

Client Sample ID: S-10, 5'

Date Collected: 11/02/22 14:45

Date Received: 11/10/22 08:39

Lab Sample ID: 880-21421-12

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 |   | 11/14/22 13:29 | 11/15/22 07:46 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 07:46 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 07:46 | 1       |
| m,p-Xylenes                 | <0.00399  | U         | 0.00399  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 07:46 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 07:46 | 1       |
| Xylenes, Total              | <0.00399  | U         | 0.00399  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 07:46 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 88        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 07:46 | 1       |
| 1,4-Difluorobenzene (Surr)  | 98        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 07:46 | 1       |

## Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte    | Result   | Qualifier | RL      | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U         | 0.00399 | mg/Kg |   |          | 11/15/22 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 |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 16:28 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 16:28 | 1       |
| OII Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 16:28 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 96        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 16:28 | 1       |
| o-Terphenyl (Surr)                   | 93        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 16:28 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 123    |           | 4.99 | mg/Kg |   |          | 11/15/22 23:58 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-9, 1'

Lab Sample ID: 880-21421-13

Date Collected: 11/02/22 15:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 08:12 | 1       |
| Toluene        | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 08:12 | 1       |
| Ethylbenzene   | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 08:12 | 1       |
| m,p-Xylenes    | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 08:12 | 1       |
| o-Xylene       | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 08:12 | 1       |
| Xylenes, Total | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 08:12 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99        |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 08:12 | 1       |
| 1,4-Difluorobenzene (Surr)  | 102       |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 08:12 | 1       |

## Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte    | Result   | Qualifier | RL      | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00398 | U         | 0.00398 | mg/Kg |   |          | 11/15/22 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 |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 16:50 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 16:50 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 16:50 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 93        |           | 70 - 130 | 11/11/22 09:37 | 11/12/22 16:50 | 1       |
| o-Terphenyl (Surr)    | 89        |           | 70 - 130 | 11/11/22 09:37 | 11/12/22 16:50 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 15.6   |           | 4.95 | mg/Kg |   |          | 11/16/22 00:05 | 1       |

Client Sample ID: S-9, 3'

Lab Sample ID: 880-21421-14

Date Collected: 11/02/22 15:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 08:39 | 1       |
| Toluene        | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 08:39 | 1       |
| Ethylbenzene   | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 08:39 | 1       |
| m,p-Xylenes    | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 08:39 | 1       |
| o-Xylene       | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 08:39 | 1       |
| Xylenes, Total | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 08:39 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 91        |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 08:39 | 1       |
| 1,4-Difluorobenzene (Surr)  | 92        |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 08:39 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-9, 3'

Lab Sample ID: 880-21421-14

Date Collected: 11/02/22 15:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   |          | 11/15/22 11:32 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 17:11 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 17:11 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 17:11 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 110       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 17:11 | 1       |
| o-Terphenyl (Surr)                   | 104       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 17:11 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 21.2   |           | 5.03 | mg/Kg |   |          | 11/16/22 00:26 | 1       |

Client Sample ID: S-9, 5'

Lab Sample ID: 880-21421-15

Date Collected: 11/02/22 15:30

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 09:05 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:05 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:05 | 1       |
| m,p-Xylenes                 | <0.00399  | U         | 0.00399  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:05 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:05 | 1       |
| Xylenes, Total              | <0.00399  | U         | 0.00399  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:05 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 104       |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 09:05 | 1       |
| 1,4-Difluorobenzene (Surr)  | 95        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 09:05 | 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 |   |          | 11/15/22 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 |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 17:32 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8  | U         | 49.8 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 17:32 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-9, 5'

Lab Sample ID: 880-21421-15

Date Collected: 11/02/22 15:30

Matrix: Solid

Date Received: 11/10/22 08:39

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

| Analyte                           | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.8     | U         | 49.8     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 17:32 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)             | 87        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 17:32 | 1       |
| o-Terphenyl (Surr)                | 82        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 17:32 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 27.6   |           | 5.02 | mg/Kg |   |          | 11/16/22 00:33 | 1       |

Client Sample ID: S-8, 1'

Lab Sample ID: 880-21421-16

Date Collected: 11/02/22 15:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 09:31 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:31 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:31 | 1       |
| m,p-Xylenes                 | <0.00401  | U         | 0.00401  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:31 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:31 | 1       |
| Xylenes, Total              | <0.00401  | U         | 0.00401  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:31 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 102       |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 09:31 | 1       |
| 1,4-Difluorobenzene (Surr)  | 104       |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 09:31 | 1       |

## Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte    | Result   | Qualifier | RL      | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00401 | U         | 0.00401 | mg/Kg |   |          | 11/15/22 11:32 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 17:54 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 17:54 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 17:54 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 87        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 17:54 | 1       |
| o-Terphenyl (Surr)                   | 85        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 17:54 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 17.0   |           | 4.97 | mg/Kg |   |          | 11/16/22 00:40 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-8, 3'

Date Collected: 11/02/22 16:00

Date Received: 11/10/22 08:39

Lab Sample ID: 880-21421-17

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 |   | 11/14/22 13:29 | 11/15/22 09:57 | 1       |
| Toluene        | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:57 | 1       |
| Ethylbenzene   | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:57 | 1       |
| m,p-Xylenes    | <0.00400 | U         | 0.00400 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:57 | 1       |
| o-Xylene       | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:57 | 1       |
| Xylenes, Total | <0.00400 | U         | 0.00400 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 09:57 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 104       |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 09:57 | 1       |
| 1,4-Difluorobenzene (Surr)  | 101       |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 09:57 | 1       |

## Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte    | Result   | Qualifier | RL      | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00400 | U         | 0.00400 | mg/Kg |   |          | 11/15/22 11:32 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 18:15 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 18:15 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 18:15 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 100       |           | 70 - 130 | 11/11/22 09:37 | 11/12/22 18:15 | 1       |
| o-Terphenyl (Surr)    | 96        |           | 70 - 130 | 11/11/22 09:37 | 11/12/22 18:15 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 19.8   |           | 4.96 | mg/Kg |   |          | 11/16/22 00:48 | 1       |

Client Sample ID: S-8, 5'

Date Collected: 11/02/22 16:15

Date Received: 11/10/22 08:39

Lab Sample ID: 880-21421-18

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 |   | 11/14/22 13:29 | 11/15/22 10:23 | 1       |
| Toluene        | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 10:23 | 1       |
| Ethylbenzene   | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 10:23 | 1       |
| m,p-Xylenes    | <0.00401 | U         | 0.00401 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 10:23 | 1       |
| o-Xylene       | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 10:23 | 1       |
| Xylenes, Total | <0.00401 | U         | 0.00401 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 10:23 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 93        |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 10:23 | 1       |
| 1,4-Difluorobenzene (Surr)  | 96        |           | 70 - 130 | 11/14/22 13:29 | 11/15/22 10:23 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-8, 5'

Lab Sample ID: 880-21421-18

Date Collected: 11/02/22 16:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   |          | 11/15/22 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 |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 18:36 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 18:36 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 18:36 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 101       |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 18:36 | 1       |
| o-Terphenyl (Surr)                   | 96        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 18:36 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 20.3   |           | 5.00 | mg/Kg |   |          | 11/16/22 00:55 | 1       |

Client Sample ID: S-7, 1'

Lab Sample ID: 880-21421-19

Date Collected: 11/03/22 09:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 10:49 | 1       |
| Toluene                     | <0.00201  | U         | 0.00201  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 10:49 | 1       |
| Ethylbenzene                | <0.00201  | U         | 0.00201  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 10:49 | 1       |
| m,p-Xylenes                 | <0.00402  | U         | 0.00402  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 10:49 | 1       |
| o-Xylene                    | <0.00201  | U         | 0.00201  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 10:49 | 1       |
| Xylenes, Total              | <0.00402  | U         | 0.00402  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 10:49 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 104       |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 10:49 | 1       |
| 1,4-Difluorobenzene (Surr)  | 100       |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 10:49 | 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 |   |          | 11/15/22 11:32 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 18:58 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 09:37 | 11/12/22 18:58 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-7, 1'

Lab Sample ID: 880-21421-19

Date Collected: 11/03/22 09:00

Matrix: Solid

Date Received: 11/10/22 08:39

## Method: SW846 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 |   | 11/11/22 09:37 | 11/12/22 18:58 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)             | 91        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 18:58 | 1       |
| o-Terphenyl (Surr)                | 87        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 18:58 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 13.0   |           | 4.96 | mg/Kg |   |          | 11/16/22 01:02 | 1       |

Client Sample ID: S-7, 3'

Lab Sample ID: 880-21421-20

Date Collected: 11/03/22 09:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:29 | 11/15/22 11:15 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 11:15 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 11:15 | 1       |
| m,p-Xylenes                 | <0.00399  | U         | 0.00399  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 11:15 | 1       |
| o-Xylene                    | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 11:15 | 1       |
| Xylenes, Total              | <0.00399  | U         | 0.00399  | mg/Kg |   | 11/14/22 13:29 | 11/15/22 11:15 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 104       |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 11:15 | 1       |
| 1,4-Difluorobenzene (Surr)  | 96        |           | 70 - 130 |       |   | 11/14/22 13:29 | 11/15/22 11:15 | 1       |

## Method: TAL SOP Total BTEX - Total BTEX Calculation

| Analyte    | Result   | Qualifier | RL      | Unit  | D | Prepared | Analyzed       | Dil Fac |
|------------|----------|-----------|---------|-------|---|----------|----------------|---------|
| Total BTEX | <0.00399 | U         | 0.00399 | mg/Kg |   |          | 11/15/22 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 |   |          | 11/14/22 14:44 | 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 |   | 11/11/22 09:37 | 11/12/22 19:19 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8     | U         | 49.8     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 19:19 | 1       |
| OII Range Organics (Over C28-C36)    | <49.8     | U         | 49.8     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 19:19 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 94        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 19:19 | 1       |
| o-Terphenyl (Surr)                   | 89        |           | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 19:19 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 19.3   |           | 5.04 | mg/Kg |   |          | 11/16/22 01:09 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-7, 5'

Date Collected: 11/03/22 09:30

Date Received: 11/10/22 08:39

Lab Sample ID: 880-21421-21

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 |   | 11/14/22 13:37 | 11/14/22 23:10 | 1       |
| Toluene        | <0.00202 | U         | 0.00202 | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:10 | 1       |
| Ethylbenzene   | <0.00202 | U         | 0.00202 | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:10 | 1       |
| m,p-Xylenes    | <0.00403 | U         | 0.00403 | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:10 | 1       |
| o-Xylene       | <0.00202 | U *       | 0.00202 | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:10 | 1       |
| Xylenes, Total | <0.00403 | U         | 0.00403 | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:10 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 104       |           | 70 - 130 | 11/14/22 13:37 | 11/14/22 23:10 | 1       |
| 1,4-Difluorobenzene (Surr)  | 102       |           | 70 - 130 | 11/14/22 13:37 | 11/14/22 23:10 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 F1   | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/13/22 21:44 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U F1      | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/13/22 21:44 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/13/22 21:44 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 40        | S1-       | 70 - 130 | 11/11/22 10:27 | 11/13/22 21:44 | 1       |
| o-Terphenyl (Surr)    | 33        | S1-       | 70 - 130 | 11/11/22 10:27 | 11/13/22 21:44 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 14.8   | F1        | 5.05 | mg/Kg |   |          | 11/16/22 02:06 | 1       |

Client Sample ID: S-6, 1'

Date Collected: 11/03/22 09:45

Date Received: 11/10/22 08:39

Lab Sample ID: 880-21421-22

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 |   | 11/14/22 13:37 | 11/14/22 23:31 | 1       |
| Toluene        | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:31 | 1       |
| Ethylbenzene   | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:31 | 1       |
| m,p-Xylenes    | <0.00399 | U         | 0.00399 | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:31 | 1       |
| o-Xylene       | <0.00200 | U *       | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:31 | 1       |
| Xylenes, Total | <0.00399 | U         | 0.00399 | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:31 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 96        |           | 70 - 130 | 11/14/22 13:37 | 11/14/22 23:31 | 1       |
| 1,4-Difluorobenzene (Surr)  | 71        |           | 70 - 130 | 11/14/22 13:37 | 11/14/22 23:31 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-6, 1'

Date Collected: 11/03/22 09:45

Date Received: 11/10/22 08:39

Lab Sample ID: 880-21421-22

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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 *1      | 49.8     | mg/Kg |   | 11/11/22 10:27 | 11/13/22 22:50 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8     | U         | 49.8     | mg/Kg |   | 11/11/22 10:27 | 11/13/22 22:50 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.8     | U         | 49.8     | mg/Kg |   | 11/11/22 10:27 | 11/13/22 22:50 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 55        | S1-       | 70 - 130 |       |   | 11/11/22 10:27 | 11/13/22 22:50 | 1       |
| o-Terphenyl (Surr)                   | 54        | S1-       | 70 - 130 |       |   | 11/11/22 10:27 | 11/13/22 22:50 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 26.0   |           | 5.00 | mg/Kg |   |          | 11/16/22 02:28 | 1       |

Client Sample ID: S-6, 3'

Date Collected: 11/03/22 10:00

Date Received: 11/10/22 08:39

Lab Sample ID: 880-21421-23

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 |   | 11/14/22 13:37 | 11/14/22 23:51 | 1       |
| Toluene                     | <0.00198  | U         | 0.00198  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:51 | 1       |
| Ethylbenzene                | <0.00198  | U         | 0.00198  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:51 | 1       |
| m,p-Xylenes                 | <0.00396  | U         | 0.00396  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:51 | 1       |
| o-Xylene                    | <0.00198  | U *       | 0.00198  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:51 | 1       |
| Xylenes, Total              | <0.00396  | U         | 0.00396  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 23:51 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 110       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/14/22 23:51 | 1       |
| 1,4-Difluorobenzene (Surr)  | 123       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/14/22 23:51 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/13/22 23:12 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 10:27 | 11/13/22 23:12 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-6, 3'

Lab Sample ID: 880-21421-23

Date Collected: 11/03/22 10:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/11/22 10:27 | 11/13/22 23:12 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)             | 56        | S1-       | 70 - 130 |       |   | 11/11/22 10:27 | 11/13/22 23:12 | 1       |
| o-Terphenyl (Surr)                | 56        | S1-       | 70 - 130 |       |   | 11/11/22 10:27 | 11/13/22 23:12 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 25.9   |           | 4.99 | mg/Kg |   |          | 11/16/22 02:35 | 1       |

Client Sample ID: S-6, 5'

Lab Sample ID: 880-21421-24

Date Collected: 11/03/22 10:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 00:12 | 1       |
| Toluene                     | <0.00201  | U         | 0.00201  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:12 | 1       |
| Ethylbenzene                | <0.00201  | U         | 0.00201  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:12 | 1       |
| m,p-Xylenes                 | <0.00402  | U         | 0.00402  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:12 | 1       |
| o-Xylene                    | <0.00201  | U *       | 0.00201  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:12 | 1       |
| Xylenes, Total              | <0.00402  | U         | 0.00402  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:12 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 118       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 00:12 | 1       |
| 1,4-Difluorobenzene (Surr)  | 118       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 00:12 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/13/22 23:34 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:27 | 11/13/22 23:34 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:27 | 11/13/22 23:34 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 68        | S1-       | 70 - 130 |       |   | 11/11/22 10:27 | 11/13/22 23:34 | 1       |
| o-Terphenyl (Surr)                   | 69        | S1-       | 70 - 130 |       |   | 11/11/22 10:27 | 11/13/22 23:34 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 32.4   |           | 4.95 | mg/Kg |   |          | 11/16/22 02:42 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-5, 1'

Lab Sample ID: 880-21421-25

Date Collected: 11/03/22 10:30

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 00:33 | 1       |
| Toluene        | <0.00201 | U         | 0.00201 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:33 | 1       |
| Ethylbenzene   | <0.00201 | U         | 0.00201 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:33 | 1       |
| m,p-Xylenes    | <0.00402 | U         | 0.00402 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:33 | 1       |
| o-Xylene       | <0.00201 | U *       | 0.00201 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:33 | 1       |
| Xylenes, Total | <0.00402 | U         | 0.00402 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:33 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 121       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 00:33 | 1       |
| 1,4-Difluorobenzene (Surr)  | 106       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 00:33 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/13/22 23:56 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/13/22 23:56 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/13/22 23:56 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 95        |           | 70 - 130 | 11/11/22 10:27 | 11/13/22 23:56 | 1       |
| o-Terphenyl (Surr)    | 105       |           | 70 - 130 | 11/11/22 10:27 | 11/13/22 23:56 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 32.1   |           | 4.99 | mg/Kg |   |          | 11/16/22 02:49 | 1       |

Client Sample ID: S-5, 3'

Lab Sample ID: 880-21421-26

Date Collected: 11/03/22 10:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 00:53 | 1       |
| Toluene        | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:53 | 1       |
| Ethylbenzene   | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:53 | 1       |
| m,p-Xylenes    | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:53 | 1       |
| o-Xylene       | <0.00199 | U *       | 0.00199 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:53 | 1       |
| Xylenes, Total | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 00:53 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 38        | S1-       | 70 - 130 | 11/14/22 13:37 | 11/15/22 00:53 | 1       |
| 1,4-Difluorobenzene (Surr)  | 89        |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 00:53 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-5, 3'

Lab Sample ID: 880-21421-26

Date Collected: 11/03/22 10:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/14/22 00:17 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 00:17 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 00:17 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 99        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 00:17 | 1       |
| o-Terphenyl (Surr)                   | 109       |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 00:17 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 30.9   |           | 4.97 | mg/Kg |   |          | 11/16/22 03:10 | 1       |

Client Sample ID: S-5, 5'

Lab Sample ID: 880-21421-27

Date Collected: 11/03/22 11:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 01:14 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:14 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:14 | 1       |
| m,p-Xylenes                 | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:14 | 1       |
| o-Xylene                    | <0.00199  | U *       | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:14 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:14 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 116       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 01:14 | 1       |
| 1,4-Difluorobenzene (Surr)  | 109       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 01:14 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/14/22 00:40 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/14/22 00:40 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-5, 5'

Lab Sample ID: 880-21421-27

Date Collected: 11/03/22 11:00

Matrix: Solid

Date Received: 11/10/22 08:39

## Method: SW846 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 |   | 11/11/22 10:27 | 11/14/22 00:40 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)             | 81        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 00:40 | 1       |
| o-Terphenyl (Surr)                | 93        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 00:40 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 30.4   |           | 5.00 | mg/Kg |   |          | 11/16/22 03:17 | 1       |

Client Sample ID: S-4, 1'

Lab Sample ID: 880-21421-28

Date Collected: 11/03/22 11:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 01:35 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:35 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:35 | 1       |
| m,p-Xylenes                 | <0.00400  | U         | 0.00400  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:35 | 1       |
| o-Xylene                    | <0.00200  | U *       | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:35 | 1       |
| Xylenes, Total              | <0.00400  | U         | 0.00400  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:35 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 111       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 01:35 | 1       |
| 1,4-Difluorobenzene (Surr)  | 106       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 01:35 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/14/22 01:01 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 01:01 | 1       |
| OII Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 01:01 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 95        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 01:01 | 1       |
| o-Terphenyl (Surr)                   | 103       |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 01:01 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 365    |           | 4.99 | mg/Kg |   |          | 11/16/22 03:25 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-4, 3'

Lab Sample ID: 880-21421-29

Date Collected: 11/03/22 11:30

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 01:55 | 1       |
| Toluene        | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:55 | 1       |
| Ethylbenzene   | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:55 | 1       |
| m,p-Xylenes    | <0.00401 | U         | 0.00401 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:55 | 1       |
| o-Xylene       | <0.00200 | U *       | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:55 | 1       |
| Xylenes, Total | <0.00401 | U         | 0.00401 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 01:55 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 109       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 01:55 | 1       |
| 1,4-Difluorobenzene (Surr)  | 73        |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 01:55 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/14/22 01:44 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/14/22 01:44 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/14/22 01:44 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 84        |           | 70 - 130 | 11/11/22 10:27 | 11/14/22 01:44 | 1       |
| o-Terphenyl (Surr)    | 92        |           | 70 - 130 | 11/11/22 10:27 | 11/14/22 01:44 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 773    |           | 4.98 | mg/Kg |   |          | 11/16/22 03:32 | 1       |

Client Sample ID: S-4, 5'

Lab Sample ID: 880-21421-30

Date Collected: 11/03/22 11:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 02:16 | 1       |
| Toluene        | <0.00202 | U         | 0.00202 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 02:16 | 1       |
| Ethylbenzene   | <0.00202 | U         | 0.00202 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 02:16 | 1       |
| m,p-Xylenes    | <0.00404 | U         | 0.00404 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 02:16 | 1       |
| o-Xylene       | <0.00202 | U *       | 0.00202 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 02:16 | 1       |
| Xylenes, Total | <0.00404 | U         | 0.00404 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 02:16 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 99        |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 02:16 | 1       |
| 1,4-Difluorobenzene (Surr)  | 71        |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 02:16 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-4, 5'

Lab Sample ID: 880-21421-30

Date Collected: 11/03/22 11:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/14/22 02:05 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:05 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:05 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 82        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 02:05 | 1       |
| o-Terphenyl (Surr)                   | 92        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 02:05 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 999    |           | 4.95 | mg/Kg |   |          | 11/16/22 03:39 | 1       |

Client Sample ID: S-3, 1'

Lab Sample ID: 880-21421-31

Date Collected: 11/03/22 12:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 03:39 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 03:39 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 03:39 | 1       |
| m,p-Xylenes                 | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 03:39 | 1       |
| o-Xylene                    | <0.00199  | U *       | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 03:39 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 03:39 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 42        | S1-       | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 03:39 | 1       |
| 1,4-Difluorobenzene (Surr)  | 78        |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 03:39 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/14/22 02:27 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:27 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-3, 1'

Lab Sample ID: 880-21421-31

Date Collected: 11/03/22 12:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/11/22 10:27 | 11/14/22 02:27 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)             | 80        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 02:27 | 1       |
| o-Terphenyl (Surr)                | 90        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 02:27 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 26.9   | F1        | 5.05 | mg/Kg |   |          | 11/16/22 03:46 | 1       |

Client Sample ID: S-3, 3'

Lab Sample ID: 880-21421-32

Date Collected: 11/03/22 12:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 03:59 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 03:59 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 03:59 | 1       |
| m,p-Xylenes                 | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 03:59 | 1       |
| o-Xylene                    | <0.00199  | U *       | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 03:59 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 03:59 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 92        |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 03:59 | 1       |
| 1,4-Difluorobenzene (Surr)  | 63        | S1-       | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 03:59 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/14/22 02:48 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:48 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:48 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 99        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 02:48 | 1       |
| o-Terphenyl (Surr)                   | 111       |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 02:48 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 43.3   |           | 4.98 | mg/Kg |   |          | 11/16/22 04:07 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-3, 5'

Lab Sample ID: 880-21421-33

Date Collected: 11/03/22 12:30

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 04:20 | 1       |
| Toluene        | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 04:20 | 1       |
| Ethylbenzene   | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 04:20 | 1       |
| m,p-Xylenes    | <0.00399 | U         | 0.00399 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 04:20 | 1       |
| o-Xylene       | <0.00200 | U *       | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 04:20 | 1       |
| Xylenes, Total | <0.00399 | U         | 0.00399 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 04:20 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 121       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 04:20 | 1       |
| 1,4-Difluorobenzene (Surr)  | 109       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 04:20 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/14/22 03:10 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/14/22 03:10 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0  | U         | 50.0 | mg/Kg |   | 11/11/22 10:27 | 11/14/22 03:10 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 82        |           | 70 - 130 | 11/11/22 10:27 | 11/14/22 03:10 | 1       |
| o-Terphenyl (Surr)    | 93        |           | 70 - 130 | 11/11/22 10:27 | 11/14/22 03:10 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 91.3   |           | 5.00 | mg/Kg |   |          | 11/16/22 04:14 | 1       |

Client Sample ID: S-2, 1'

Lab Sample ID: 880-21421-34

Date Collected: 11/03/22 12:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 04:41 | 1       |
| Toluene        | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 04:41 | 1       |
| Ethylbenzene   | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 04:41 | 1       |
| m,p-Xylenes    | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 04:41 | 1       |
| o-Xylene       | <0.00199 | U *       | 0.00199 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 04:41 | 1       |
| Xylenes, Total | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 04:41 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 130       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 04:41 | 1       |
| 1,4-Difluorobenzene (Surr)  | 108       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 04:41 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-2, 1'

Lab Sample ID: 880-21421-34

Date Collected: 11/03/22 12:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 15:13 | 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 |   | 11/11/22 10:27 | 11/14/22 03:32 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 03:32 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 03:32 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 88        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 03:32 | 1       |
| o-Terphenyl (Surr)                   | 96        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 03:32 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 16.0   |           | 4.95 | mg/Kg |   |          | 11/16/22 04:36 | 1       |

Client Sample ID: S-2, 3'

Lab Sample ID: 880-21421-35

Date Collected: 11/03/22 13:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 05:01 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:01 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:01 | 1       |
| m,p-Xylenes                 | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:01 | 1       |
| o-Xylene                    | <0.00199  | U *       | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:01 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:01 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 56        | S1-       | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 05:01 | 1       |
| 1,4-Difluorobenzene (Surr)  | 74        |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 05:01 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 14:46 | 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 |   | 11/11/22 10:27 | 11/14/22 01:44 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8  | U         | 49.8 | mg/Kg |   | 11/11/22 10:27 | 11/14/22 01:44 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-2, 3'

Lab Sample ID: 880-21421-35

Date Collected: 11/03/22 13:00

Matrix: Solid

Date Received: 11/10/22 08:39

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

| Analyte                           | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Oil Range Organics (Over C28-C36) | <49.8     | U         | 49.8     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 01:44 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)             | 83        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 01:44 | 1       |
| o-Terphenyl (Surr)                | 83        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 01:44 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 20.9   |           | 5.01 | mg/Kg |   |          | 11/16/22 04:43 | 1       |

Client Sample ID: S-2, 5'

Lab Sample ID: 880-21421-36

Date Collected: 11/03/22 13:15

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 05:22 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:22 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:22 | 1       |
| m,p-Xylenes                 | <0.00400  | U         | 0.00400  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:22 | 1       |
| o-Xylene                    | <0.00200  | U *       | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:22 | 1       |
| Xylenes, Total              | <0.00400  | U         | 0.00400  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:22 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 125       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 05:22 | 1       |
| 1,4-Difluorobenzene (Surr)  | 109       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 05:22 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 14:46 | 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 |   | 11/11/22 10:27 | 11/14/22 02:05 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:05 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9     | U         | 49.9     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:05 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 82        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 02:05 | 1       |
| o-Terphenyl (Surr)                   | 81        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 02:05 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 86.2   |           | 4.98 | mg/Kg |   |          | 11/16/22 04:50 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-1, 1'

Lab Sample ID: 880-21421-37

Date Collected: 11/03/22 13:30

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 05:43 | 1       |
| Toluene        | <0.00201 | U         | 0.00201 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:43 | 1       |
| Ethylbenzene   | <0.00201 | U         | 0.00201 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:43 | 1       |
| m,p-Xylenes    | <0.00402 | U         | 0.00402 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:43 | 1       |
| o-Xylene       | <0.00201 | U *       | 0.00201 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:43 | 1       |
| Xylenes, Total | <0.00402 | U         | 0.00402 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 05:43 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 122       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 05:43 | 1       |
| 1,4-Difluorobenzene (Surr)  | 113       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 05:43 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 14:46 | 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 |   | 11/11/22 10:27 | 11/14/22 02:27 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:27 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:27 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 101       |           | 70 - 130 | 11/11/22 10:27 | 11/14/22 02:27 | 1       |
| o-Terphenyl (Surr)    | 94        |           | 70 - 130 | 11/11/22 10:27 | 11/14/22 02:27 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 18.4   |           | 5.00 | mg/Kg |   |          | 11/16/22 04:57 | 1       |

Client Sample ID: S-1, 3'

Lab Sample ID: 880-21421-38

Date Collected: 11/03/22 13:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 06:03 | 1       |
| Toluene        | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:03 | 1       |
| Ethylbenzene   | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:03 | 1       |
| m,p-Xylenes    | <0.00399 | U         | 0.00399 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:03 | 1       |
| o-Xylene       | <0.00200 | U *       | 0.00200 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:03 | 1       |
| Xylenes, Total | <0.00399 | U         | 0.00399 | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:03 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 125       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 06:03 | 1       |
| 1,4-Difluorobenzene (Surr)  | 108       |           | 70 - 130 | 11/14/22 13:37 | 11/15/22 06:03 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-1, 3'

Lab Sample ID: 880-21421-38

Date Collected: 11/03/22 13:45

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 14:46 | 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 |   | 11/11/22 10:27 | 11/14/22 02:48 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:48 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 02:48 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 94        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 02:48 | 1       |
| o-Terphenyl (Surr)                   | 87        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 02:48 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 16.0   |           | 5.00 | mg/Kg |   |          | 11/16/22 05:04 | 1       |

Client Sample ID: S-1, 5'

Lab Sample ID: 880-21421-39

Date Collected: 11/03/22 14:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 06:24 | 1       |
| Toluene                     | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:24 | 1       |
| Ethylbenzene                | <0.00199  | U         | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:24 | 1       |
| m,p-Xylenes                 | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:24 | 1       |
| o-Xylene                    | <0.00199  | U *       | 0.00199  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:24 | 1       |
| Xylenes, Total              | <0.00398  | U         | 0.00398  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:24 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 111       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 06:24 | 1       |
| 1,4-Difluorobenzene (Surr)  | 114       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 14:46 | 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 |   | 11/11/22 10:27 | 11/14/22 03:10 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 10:27 | 11/14/22 03:10 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-1, 5'

Lab Sample ID: 880-21421-39

Date Collected: 11/03/22 14:00

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/11/22 10:27 | 11/14/22 03:10 | 1       |
| Surrogate                         | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)             | 88        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 03:10 | 1       |
| o-Terphenyl (Surr)                | 88        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 03:10 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 27.5   |           | 4.96 | mg/Kg |   |          | 11/16/22 05:11 | 1       |

Client Sample ID: S-22, 1'

Lab Sample ID: 880-21421-40

Date Collected: 11/04/22 08:30

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:37 | 11/15/22 06:45 | 1       |
| Toluene                     | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:45 | 1       |
| Ethylbenzene                | <0.00200  | U         | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:45 | 1       |
| m,p-Xylenes                 | <0.00400  | U         | 0.00400  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:45 | 1       |
| o-Xylene                    | <0.00200  | U *       | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:45 | 1       |
| Xylenes, Total              | <0.00400  | U         | 0.00400  | mg/Kg |   | 11/14/22 13:37 | 11/15/22 06:45 | 1       |
| Surrogate                   | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 103       |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 06:45 | 1       |
| 1,4-Difluorobenzene (Surr)  | 70        |           | 70 - 130 |       |   | 11/14/22 13:37 | 11/15/22 06:45 | 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 |   |          | 11/15/22 10:55 | 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 |   |          | 11/14/22 14:46 | 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 |   | 11/11/22 10:27 | 11/14/22 03:32 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.8     | U         | 49.8     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 03:32 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.8     | U         | 49.8     | mg/Kg |   | 11/11/22 10:27 | 11/14/22 03:32 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 78        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 03:32 | 1       |
| o-Terphenyl (Surr)                   | 74        |           | 70 - 130 |       |   | 11/11/22 10:27 | 11/14/22 03:32 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 16.2   |           | 5.01 | mg/Kg |   |          | 11/16/22 05:18 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-22, 3'

Lab Sample ID: 880-21421-41

Date Collected: 11/04/22 08:31

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:45 | 11/15/22 11:01 | 1       |
| Toluene        | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 11:01 | 1       |
| Ethylbenzene   | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 11:01 | 1       |
| m,p-Xylenes    | <0.00401 | U         | 0.00401 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 11:01 | 1       |
| o-Xylene       | <0.00200 | U         | 0.00200 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 11:01 | 1       |
| Xylenes, Total | <0.00401 | U         | 0.00401 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 11:01 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 90        |           | 70 - 130 | 11/14/22 13:45 | 11/15/22 11:01 | 1       |
| 1,4-Difluorobenzene (Surr)  | 101       |           | 70 - 130 | 11/14/22 13:45 | 11/15/22 11:01 | 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 |   |          | 11/15/22 15:07 | 1       |

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

| Analyte   | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|-----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Total TPH | <49.9  | U         | 49.9 | mg/Kg |   |          | 11/14/22 13:38 | 1       |

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

| Analyte                              | Result | Qualifier | RL   | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|--------|-----------|------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 10:23 | 11/14/22 01:13 | 1       |
| Diesel Range Organics (Over C10-C28) | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 10:23 | 11/14/22 01:13 | 1       |
| Oil Range Organics (Over C28-C36)    | <49.9  | U         | 49.9 | mg/Kg |   | 11/11/22 10:23 | 11/14/22 01:13 | 1       |

| Surrogate             | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------|-----------|-----------|----------|----------------|----------------|---------|
| 1-Chlorooctane (Surr) | 122       |           | 70 - 130 | 11/11/22 10:23 | 11/14/22 01:13 | 1       |
| o-Terphenyl (Surr)    | 146       | S1+       | 70 - 130 | 11/11/22 10:23 | 11/14/22 01:13 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 17.2   |           | 4.95 | mg/Kg |   |          | 11/16/22 07:28 | 1       |

Client Sample ID: S-22, 5'

Lab Sample ID: 880-21421-42

Date Collected: 11/04/22 08:32

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   | 11/14/22 13:45 | 11/15/22 11:21 | 1       |
| Toluene        | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 11:21 | 1       |
| Ethylbenzene   | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 11:21 | 1       |
| m,p-Xylenes    | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 11:21 | 1       |
| o-Xylene       | <0.00199 | U         | 0.00199 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 11:21 | 1       |
| Xylenes, Total | <0.00398 | U         | 0.00398 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 11:21 | 1       |

| Surrogate                   | %Recovery | Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------|-----------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 95        |           | 70 - 130 | 11/14/22 13:45 | 11/15/22 11:21 | 1       |
| 1,4-Difluorobenzene (Surr)  | 97        |           | 70 - 130 | 11/14/22 13:45 | 11/15/22 11:21 | 1       |

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## Client Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-22, 5'

Lab Sample ID: 880-21421-42

Date Collected: 11/04/22 08:32

Matrix: Solid

Date Received: 11/10/22 08:39

## 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 |   |          | 11/15/22 15:07 | 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 |   |          | 11/14/22 13:38 | 1       |

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

| Analyte                              | Result    | Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
| Gasoline Range Organics (GRO)-C6-C10 | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:23 | 11/14/22 01:54 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:23 | 11/14/22 01:54 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:23 | 11/14/22 01:54 | 1       |
| Surrogate                            | %Recovery | Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 114       |           | 70 - 130 |       |   | 11/11/22 10:23 | 11/14/22 01:54 | 1       |
| o-Terphenyl (Surr)                   | 128       |           | 70 - 130 |       |   | 11/11/22 10:23 | 11/14/22 01:54 | 1       |

## Method: MCAWW 300.0 - Anions, Ion Chromatography - Soluble

| Analyte  | Result | Qualifier | RL   | Unit  | D | Prepared | Analyzed       | Dil Fac |
|----------|--------|-----------|------|-------|---|----------|----------------|---------|
| Chloride | 15.4   |           | 4.98 | mg/Kg |   |          | 11/16/22 07:34 | 1       |

## Surrogate Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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

**Matrix: Solid**

**Prep Type: Total/NA**

| Lab Sample ID     | Client Sample ID   | Percent Surrogate Recovery (Acceptance Limits) |                   |
|-------------------|--------------------|------------------------------------------------|-------------------|
|                   |                    | BFB1<br>(70-130)                               | DFBZ1<br>(70-130) |
| 880-21421-1       | S-13, 1'           | 100                                            | 99                |
| 880-21421-1 MS    | S-13, 1'           | 108                                            | 101               |
| 880-21421-1 MSD   | S-13, 1'           | 110                                            | 106               |
| 880-21421-2       | S-13, 3'           | 113                                            | 99                |
| 880-21421-3       | S-13, 5'           | 90                                             | 92                |
| 880-21421-4       | S-12, 1'           | 86                                             | 94                |
| 880-21421-5       | S-12, 3'           | 103                                            | 105               |
| 880-21421-6       | S-12, 5'           | 93                                             | 99                |
| 880-21421-7       | S-11, 1'           | 86                                             | 90                |
| 880-21421-8       | S-11, 3'           | 118                                            | 110               |
| 880-21421-9       | S-11, 5'           | 104                                            | 110               |
| 880-21421-10      | S-10, 1'           | 61 S1-                                         | 104               |
| 880-21421-11      | S-10, 3'           | 87                                             | 99                |
| 880-21421-12      | S-10, 5'           | 88                                             | 98                |
| 880-21421-13      | S-9, 1'            | 99                                             | 102               |
| 880-21421-14      | S-9, 3'            | 91                                             | 92                |
| 880-21421-15      | S-9, 5'            | 104                                            | 95                |
| 880-21421-16      | S-8, 1'            | 102                                            | 104               |
| 880-21421-17      | S-8, 3'            | 104                                            | 101               |
| 880-21421-18      | S-8, 5'            | 93                                             | 96                |
| 880-21421-19      | S-7, 1'            | 104                                            | 100               |
| 880-21421-20      | S-7, 3'            | 104                                            | 96                |
| 880-21421-21      | S-7, 5'            | 104                                            | 102               |
| 880-21421-21 MS   | S-7, 5'            | 87                                             | 103               |
| 880-21421-21 MSD  | S-7, 5'            | 90                                             | 104               |
| 880-21421-22      | S-6, 1'            | 96                                             | 71                |
| 880-21421-23      | S-6, 3'            | 110                                            | 123               |
| 880-21421-24      | S-6, 5'            | 118                                            | 118               |
| 880-21421-25      | S-5, 1'            | 121                                            | 106               |
| 880-21421-26      | S-5, 3'            | 38 S1-                                         | 89                |
| 880-21421-27      | S-5, 5'            | 116                                            | 109               |
| 880-21421-28      | S-4, 1'            | 111                                            | 106               |
| 880-21421-29      | S-4, 3'            | 109                                            | 73                |
| 880-21421-30      | S-4, 5'            | 99                                             | 71                |
| 880-21421-31      | S-3, 1'            | 42 S1-                                         | 78                |
| 880-21421-32      | S-3, 3'            | 92                                             | 63 S1-            |
| 880-21421-33      | S-3, 5'            | 121                                            | 109               |
| 880-21421-34      | S-2, 1'            | 130                                            | 108               |
| 880-21421-35      | S-2, 3'            | 56 S1-                                         | 74                |
| 880-21421-36      | S-2, 5'            | 125                                            | 109               |
| 880-21421-37      | S-1, 1'            | 122                                            | 113               |
| 880-21421-38      | S-1, 3'            | 125                                            | 108               |
| 880-21421-39      | S-1, 5'            | 111                                            | 114               |
| 880-21421-40      | S-22, 1'           | 103                                            | 70                |
| 880-21421-41      | S-22, 3'           | 90                                             | 101               |
| 880-21421-41 MS   | S-22, 3'           | 88                                             | 123               |
| 880-21421-41 MSD  | S-22, 3'           | 94                                             | 116               |
| 880-21421-42      | S-22, 5'           | 95                                             | 97                |
| LCS 880-39492/1-A | Lab Control Sample | 78                                             | 90                |

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## Surrogate Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## 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<br>(70-130)                               | DFBZ1<br>(70-130) |
| LCS 880-39493/1-A                 | Lab Control Sample     | 113                                            | 105               |
| LCS 880-39499/1-A                 | Lab Control Sample     | 106                                            | 113               |
| LCSD 880-39492/2-A                | Lab Control Sample Dup | 86                                             | 89                |
| LCSD 880-39493/2-A                | Lab Control Sample Dup | 98                                             | 97                |
| LCSD 880-39499/2-A                | Lab Control Sample Dup | 104                                            | 114               |
| MB 880-39251/5-A                  | Method Blank           | 61 S1-                                         | 98                |
| MB 880-39397/5-A                  | Method Blank           | 97                                             | 96                |
| MB 880-39492/5-A                  | Method Blank           | 63 S1-                                         | 97                |
| MB 880-39493/5-A                  | Method Blank           | 91                                             | 99                |
| MB 880-39499/5-A                  | Method Blank           | 81                                             | 98                |
| <b>Surrogate Legend</b>           |                        |                                                |                   |
| 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<br>(70-130)                               | OTPH1<br>(70-130) |
| 880-21421-1      | S-13, 1'         | 110                                            | 101               |
| 880-21421-1 MS   | S-13, 1'         | 91                                             | 80                |
| 880-21421-1 MSD  | S-13, 1'         | 89                                             | 77                |
| 880-21421-2      | S-13, 3'         | 107                                            | 99                |
| 880-21421-3      | S-13, 5'         | 112                                            | 105               |
| 880-21421-4      | S-12, 1'         | 122                                            | 113               |
| 880-21421-5      | S-12, 3'         | 118                                            | 107               |
| 880-21421-6      | S-12, 5'         | 108                                            | 97                |
| 880-21421-7      | S-11, 1'         | 92                                             | 91                |
| 880-21421-8      | S-11, 3'         | 92                                             | 89                |
| 880-21421-9      | S-11, 5'         | 90                                             | 89                |
| 880-21421-10     | S-10, 1'         | 89                                             | 88                |
| 880-21421-11     | S-10, 3'         | 107                                            | 101               |
| 880-21421-12     | S-10, 5'         | 96                                             | 93                |
| 880-21421-13     | S-9, 1'          | 93                                             | 89                |
| 880-21421-14     | S-9, 3'          | 110                                            | 104               |
| 880-21421-15     | S-9, 5'          | 87                                             | 82                |
| 880-21421-16     | S-8, 1'          | 87                                             | 85                |
| 880-21421-17     | S-8, 3'          | 100                                            | 96                |
| 880-21421-18     | S-8, 5'          | 101                                            | 96                |
| 880-21421-19     | S-7, 1'          | 91                                             | 87                |
| 880-21421-20     | S-7, 3'          | 94                                             | 89                |
| 880-21421-21     | S-7, 5'          | 40 S1-                                         | 33 S1-            |
| 880-21421-21 MS  | S-7, 5'          | 49 S1-                                         | 44 S1-            |
| 880-21421-21 MSD | S-7, 5'          | 44 S1-                                         | 38 S1-            |
| 880-21421-22     | S-6, 1'          | 55 S1-                                         | 54 S1-            |
| 880-21421-23     | S-6, 3'          | 56 S1-                                         | 56 S1-            |
| 880-21421-24     | S-6, 5'          | 68 S1-                                         | 69 S1-            |
| 880-21421-25     | S-5, 1'          | 95                                             | 105               |
| 880-21421-26     | S-5, 3'          | 99                                             | 109               |

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# Surrogate Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

**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<br>(70-130)                               | OTPH1<br>(70-130) |
| 880-21421-27       | S-5, 5'                | 81                                             | 93                |
| 880-21421-28       | S-4, 1'                | 95                                             | 103               |
| 880-21421-29       | S-4, 3'                | 84                                             | 92                |
| 880-21421-30       | S-4, 5'                | 82                                             | 92                |
| 880-21421-31       | S-3, 1'                | 80                                             | 90                |
| 880-21421-32       | S-3, 3'                | 99                                             | 111               |
| 880-21421-33       | S-3, 5'                | 82                                             | 93                |
| 880-21421-34       | S-2, 1'                | 88                                             | 96                |
| 880-21421-35       | S-2, 3'                | 83                                             | 83                |
| 880-21421-36       | S-2, 5'                | 82                                             | 81                |
| 880-21421-37       | S-1, 1'                | 101                                            | 94                |
| 880-21421-38       | S-1, 3'                | 94                                             | 87                |
| 880-21421-39       | S-1, 5'                | 88                                             | 88                |
| 880-21421-40       | S-22, 1'               | 78                                             | 74                |
| 880-21421-41       | S-22, 3'               | 122                                            | 146 S1+           |
| 880-21421-42       | S-22, 5'               | 114                                            | 128               |
| LCS 880-39299/2-A  | Lab Control Sample     | 91                                             | 91                |
| LCS 880-39314/2-A  | Lab Control Sample     | 104                                            | 110               |
| LCS 880-39316/2-A  | Lab Control Sample     | 100                                            | 118               |
| LCSD 880-39299/3-A | Lab Control Sample Dup | 91                                             | 93                |
| LCSD 880-39314/3-A | Lab Control Sample Dup | 105                                            | 112               |
| LCSD 880-39316/3-A | Lab Control Sample Dup | 85                                             | 103               |
| MB 880-39299/1-A   | Method Blank           | 129                                            | 132 S1+           |
| MB 880-39314/1-A   | Method Blank           | 133 S1+                                        | 156 S1+           |
| MB 880-39316/1-A   | Method Blank           | 141 S1+                                        | 163 S1+           |

## Surrogate Legend

1CO = 1-Chlorooctane (Surr)

OTPH = o-Terphenyl (Surr)

## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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

Lab Sample ID: MB 880-39251/5-A

Matrix: Solid

Analysis Batch: 39391

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 39251

| Analyte        | MB Result | MB Qualifier | RL      | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|---------|-------|---|----------------|----------------|---------|
| Benzene        | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/10/22 14:00 | 11/14/22 11:45 | 1       |
| Toluene        | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/10/22 14:00 | 11/14/22 11:45 | 1       |
| Ethylbenzene   | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/10/22 14:00 | 11/14/22 11:45 | 1       |
| m,p-Xylenes    | <0.00400  | U            | 0.00400 | mg/Kg |   | 11/10/22 14:00 | 11/14/22 11:45 | 1       |
| o-Xylene       | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/10/22 14:00 | 11/14/22 11:45 | 1       |
| Xylenes, Total | <0.00400  | U            | 0.00400 | mg/Kg |   | 11/10/22 14:00 | 11/14/22 11:45 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 61           | S1-          | 70 - 130 | 11/10/22 14:00 | 11/14/22 11:45 | 1       |
| 1,4-Difluorobenzene (Surr)  | 98           |              | 70 - 130 | 11/10/22 14:00 | 11/14/22 11:45 | 1       |

Lab Sample ID: MB 880-39397/5-A

Matrix: Solid

Analysis Batch: 39394

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 39397

| Analyte        | MB Result | MB Qualifier | RL      | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|---------|-------|---|----------------|----------------|---------|
| Benzene        | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/14/22 09:17 | 11/14/22 11:38 | 1       |
| Toluene        | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/14/22 09:17 | 11/14/22 11:38 | 1       |
| Ethylbenzene   | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/14/22 09:17 | 11/14/22 11:38 | 1       |
| m,p-Xylenes    | <0.00400  | U            | 0.00400 | mg/Kg |   | 11/14/22 09:17 | 11/14/22 11:38 | 1       |
| o-Xylene       | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/14/22 09:17 | 11/14/22 11:38 | 1       |
| Xylenes, Total | <0.00400  | U            | 0.00400 | mg/Kg |   | 11/14/22 09:17 | 11/14/22 11:38 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 97           |              | 70 - 130 | 11/14/22 09:17 | 11/14/22 11:38 | 1       |
| 1,4-Difluorobenzene (Surr)  | 96           |              | 70 - 130 | 11/14/22 09:17 | 11/14/22 11:38 | 1       |

Lab Sample ID: MB 880-39492/5-A

Matrix: Solid

Analysis Batch: 39391

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 39492

| Analyte        | MB Result | MB Qualifier | RL      | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|-----------|--------------|---------|-------|---|----------------|----------------|---------|
| Benzene        | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:15 | 1       |
| Toluene        | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:15 | 1       |
| Ethylbenzene   | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:15 | 1       |
| m,p-Xylenes    | <0.00400  | U            | 0.00400 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:15 | 1       |
| o-Xylene       | <0.00200  | U            | 0.00200 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:15 | 1       |
| Xylenes, Total | <0.00400  | U            | 0.00400 | mg/Kg |   | 11/14/22 13:29 | 11/15/22 01:15 | 1       |

| Surrogate                   | MB %Recovery | MB Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 63           | S1-          | 70 - 130 | 11/14/22 13:29 | 11/15/22 01:15 | 1       |
| 1,4-Difluorobenzene (Surr)  | 97           |              | 70 - 130 | 11/14/22 13:29 | 11/15/22 01:15 | 1       |

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## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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

Lab Sample ID: LCS 880-39492/1-A

Matrix: Solid

Analysis Batch: 39391

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 39492

| Analyte      | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene      | 0.100       | 0.07202    |               | mg/Kg |   | 72   | 70 - 130    |
| Toluene      | 0.100       | 0.07755    |               | mg/Kg |   | 78   | 70 - 130    |
| Ethylbenzene | 0.100       | 0.07966    |               | mg/Kg |   | 80   | 70 - 130    |
| m,p-Xylenes  | 0.200       | 0.1752     |               | mg/Kg |   | 88   | 70 - 130    |
| o-Xylene     | 0.100       | 0.08496    |               | mg/Kg |   | 85   | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 78            |               | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 90            |               | 70 - 130 |

Lab Sample ID: LCSD 880-39492/2-A

Matrix: Solid

Analysis Batch: 39391

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 39492

| Analyte      | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene      | 0.100       | 0.06170     | *-             | mg/Kg |   | 62   | 70 - 130    | 15  | 35        |
| Toluene      | 0.100       | 0.07676     |                | mg/Kg |   | 77   | 70 - 130    | 1   | 35        |
| Ethylbenzene | 0.100       | 0.07206     |                | mg/Kg |   | 72   | 70 - 130    | 10  | 35        |
| m,p-Xylenes  | 0.200       | 0.1603      |                | mg/Kg |   | 80   | 70 - 130    | 9   | 35        |
| o-Xylene     | 0.100       | 0.08278     |                | mg/Kg |   | 83   | 70 - 130    | 3   | 35        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 86             |                | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 89             |                | 70 - 130 |

Lab Sample ID: 880-21421-1 MS

Matrix: Solid

Analysis Batch: 39391

Client Sample ID: S-13, 1'

Prep Type: Total/NA

Prep Batch: 39492

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Benzene      | <0.00200      | U *-             | 0.0998      | 0.09667   |              | mg/Kg |   | 97   | 70 - 130    |
| Toluene      | <0.00200      | U                | 0.0998      | 0.1096    |              | mg/Kg |   | 110  | 70 - 130    |
| Ethylbenzene | <0.00200      | U                | 0.0998      | 0.1048    |              | mg/Kg |   | 105  | 70 - 130    |
| m,p-Xylenes  | <0.00401      | U                | 0.200       | 0.2328    |              | mg/Kg |   | 117  | 70 - 130    |
| o-Xylene     | <0.00200      | U                | 0.0998      | 0.1174    |              | mg/Kg |   | 118  | 70 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 108          |              | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 101          |              | 70 - 130 |

Lab Sample ID: 880-21421-1 MSD

Matrix: Solid

Analysis Batch: 39391

Client Sample ID: S-13, 1'

Prep Type: Total/NA

Prep Batch: 39492

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene      | <0.00200      | U *-             | 0.0990      | 0.08399    |               | mg/Kg |   | 85   | 70 - 130    | 14  | 35        |
| Toluene      | <0.00200      | U                | 0.0990      | 0.09596    |               | mg/Kg |   | 97   | 70 - 130    | 13  | 35        |
| Ethylbenzene | <0.00200      | U                | 0.0990      | 0.09145    |               | mg/Kg |   | 92   | 70 - 130    | 14  | 35        |

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## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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

Lab Sample ID: 880-21421-1 MSD

Matrix: Solid

Analysis Batch: 39391

Client Sample ID: S-13, 1'

Prep Type: Total/NA

Prep Batch: 39492

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| m,p-Xylenes                 | <0.00401      | U                | 0.198       | 0.2014     |               | mg/Kg |   | 102  | 70 - 130    | 14  | 35        |
| o-Xylene                    | <0.00200      | U                | 0.0990      | 0.1020     |               | mg/Kg |   | 103  | 70 - 130    | 14  | 35        |
| Surrogate                   | MSD %Recovery | MSD Qualifier    | Limits      |            |               |       |   |      |             |     |           |
| 4-Bromofluorobenzene (Surr) | 110           |                  | 70 - 130    |            |               |       |   |      |             |     |           |
| 1,4-Difluorobenzene (Surr)  | 106           |                  | 70 - 130    |            |               |       |   |      |             |     |           |

Lab Sample ID: MB 880-39493/5-A

Matrix: Solid

Analysis Batch: 39394

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 39493

| Analyte                     | MB Result    | MB Qualifier | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|--------------|--------------|----------|-------|---|----------------|----------------|---------|
| Benzene                     | <0.00200     | U            | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 22:48 | 1       |
| Toluene                     | <0.00200     | U            | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 22:48 | 1       |
| Ethylbenzene                | <0.00200     | U            | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 22:48 | 1       |
| m,p-Xylenes                 | <0.00400     | U            | 0.00400  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 22:48 | 1       |
| o-Xylene                    | <0.00200     | U            | 0.00200  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 22:48 | 1       |
| Xylenes, Total              | <0.00400     | U            | 0.00400  | mg/Kg |   | 11/14/22 13:37 | 11/14/22 22:48 | 1       |
| Surrogate                   | MB %Recovery | MB Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 4-Bromofluorobenzene (Surr) | 91           |              | 70 - 130 |       |   | 11/14/22 13:37 | 11/14/22 22:48 | 1       |
| 1,4-Difluorobenzene (Surr)  | 99           |              | 70 - 130 |       |   | 11/14/22 13:37 | 11/14/22 22:48 | 1       |

Lab Sample ID: LCS 880-39493/1-A

Matrix: Solid

Analysis Batch: 39394

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 39493

| Analyte                     | Spike Added   | LCS Result    | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |  |
|-----------------------------|---------------|---------------|---------------|-------|---|------|-------------|--|
| Benzene                     | 0.100         | 0.07741       |               | mg/Kg |   | 77   | 70 - 130    |  |
| Toluene                     | 0.100         | 0.09551       |               | mg/Kg |   | 96   | 70 - 130    |  |
| Ethylbenzene                | 0.100         | 0.1240        |               | mg/Kg |   | 124  | 70 - 130    |  |
| m,p-Xylenes                 | 0.200         | 0.2502        |               | mg/Kg |   | 125  | 70 - 130    |  |
| o-Xylene                    | 0.100         | 0.1397        | *+            | mg/Kg |   | 140  | 70 - 130    |  |
| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits        |       |   |      |             |  |
| 4-Bromofluorobenzene (Surr) | 113           |               | 70 - 130      |       |   |      |             |  |
| 1,4-Difluorobenzene (Surr)  | 105           |               | 70 - 130      |       |   |      |             |  |

Lab Sample ID: LCSD 880-39493/2-A

Matrix: Solid

Analysis Batch: 39394

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 39493

| Analyte      | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene      | 0.100       | 0.08694     |                | mg/Kg |   | 87   | 70 - 130    | 12  | 35        |
| Toluene      | 0.100       | 0.09020     |                | mg/Kg |   | 90   | 70 - 130    | 6   | 35        |
| Ethylbenzene | 0.100       | 0.09273     |                | mg/Kg |   | 93   | 70 - 130    | 29  | 35        |
| m,p-Xylenes  | 0.200       | 0.1862      |                | mg/Kg |   | 93   | 70 - 130    | 29  | 35        |
| o-Xylene     | 0.100       | 0.1073      |                | mg/Kg |   | 107  | 70 - 130    | 26  | 35        |

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## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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

| Surrogate                   | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits   |
|-----------------------------|-------------------|-------------------|----------|
| 4-Bromofluorobenzene (Surr) | 98                |                   | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 97                |                   | 70 - 130 |

Lab Sample ID: 880-21421-21 MS

Matrix: Solid

Analysis Batch: 39394

Client Sample ID: S-7, 5'

Prep Type: Total/NA

Prep Batch: 39493

| Analyte      | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MS<br>Result | MS<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits |
|--------------|------------------|---------------------|----------------|--------------|-----------------|-------|---|------|----------------|
| Benzene      | <0.00202         | U                   | 0.100          | 0.09633      |                 | mg/Kg |   | 96   | 70 - 130       |
| Toluene      | <0.00202         | U                   | 0.100          | 0.09340      |                 | mg/Kg |   | 93   | 70 - 130       |
| Ethylbenzene | <0.00202         | U                   | 0.100          | 0.09052      |                 | mg/Kg |   | 90   | 70 - 130       |
| m,p-Xylenes  | <0.00403         | U                   | 0.200          | 0.1733       |                 | mg/Kg |   | 86   | 70 - 130       |
| o-Xylene     | <0.00202         | U *+                | 0.100          | 0.09845      |                 | mg/Kg |   | 98   | 70 - 130       |

| Surrogate                   | MS<br>%Recovery | MS<br>Qualifier | Limits   |
|-----------------------------|-----------------|-----------------|----------|
| 4-Bromofluorobenzene (Surr) | 87              |                 | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 103             |                 | 70 - 130 |

Lab Sample ID: 880-21421-21 MSD

Matrix: Solid

Analysis Batch: 39394

Client Sample ID: S-7, 5'

Prep Type: Total/NA

Prep Batch: 39493

| Analyte      | Sample<br>Result | Sample<br>Qualifier | Spike<br>Added | MSD<br>Result | MSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
|--------------|------------------|---------------------|----------------|---------------|------------------|-------|---|------|----------------|-----|--------------|
| Benzene      | <0.00202         | U                   | 0.0996         | 0.09203       |                  | mg/Kg |   | 92   | 70 - 130       | 5   | 35           |
| Toluene      | <0.00202         | U                   | 0.0996         | 0.09169       |                  | mg/Kg |   | 92   | 70 - 130       | 2   | 35           |
| Ethylbenzene | <0.00202         | U                   | 0.0996         | 0.08713       |                  | mg/Kg |   | 87   | 70 - 130       | 4   | 35           |
| m,p-Xylenes  | <0.00403         | U                   | 0.199          | 0.1650        |                  | mg/Kg |   | 83   | 70 - 130       | 5   | 35           |
| o-Xylene     | <0.00202         | U *+                | 0.0996         | 0.09320       |                  | mg/Kg |   | 94   | 70 - 130       | 5   | 35           |

| Surrogate                   | MSD<br>%Recovery | MSD<br>Qualifier | Limits   |
|-----------------------------|------------------|------------------|----------|
| 4-Bromofluorobenzene (Surr) | 90               |                  | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 104              |                  | 70 - 130 |

Lab Sample ID: MB 880-39499/5-A

Matrix: Solid

Analysis Batch: 39575

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 39499

| Analyte        | MB<br>Result | MB<br>Qualifier | RL      | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|----------------|--------------|-----------------|---------|-------|---|----------------|----------------|---------|
| Benzene        | <0.00200     | U               | 0.00200 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 10:39 | 1       |
| Toluene        | <0.00200     | U               | 0.00200 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 10:39 | 1       |
| Ethylbenzene   | <0.00200     | U               | 0.00200 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 10:39 | 1       |
| m,p-Xylenes    | <0.00400     | U               | 0.00400 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 10:39 | 1       |
| o-Xylene       | <0.00200     | U               | 0.00200 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 10:39 | 1       |
| Xylenes, Total | <0.00400     | U               | 0.00400 | mg/Kg |   | 11/14/22 13:45 | 11/15/22 10:39 | 1       |

| Surrogate                   | MB<br>%Recovery | MB<br>Qualifier | Limits   | Prepared       | Analyzed       | Dil Fac |
|-----------------------------|-----------------|-----------------|----------|----------------|----------------|---------|
| 4-Bromofluorobenzene (Surr) | 81              |                 | 70 - 130 | 11/14/22 13:45 | 11/15/22 10:39 | 1       |
| 1,4-Difluorobenzene (Surr)  | 98              |                 | 70 - 130 | 11/14/22 13:45 | 11/15/22 10:39 | 1       |

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## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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

Lab Sample ID: LCS 880-39499/1-A

Matrix: Solid

Analysis Batch: 39575

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 39499

| Analyte      | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------|-------------|------------|---------------|-------|---|------|-------------|
| Benzene      | 0.100       | 0.1063     |               | mg/Kg |   | 106  | 70 - 130    |
| Toluene      | 0.100       | 0.09516    |               | mg/Kg |   | 95   | 70 - 130    |
| Ethylbenzene | 0.100       | 0.09661    |               | mg/Kg |   | 97   | 70 - 130    |
| m,p-Xylenes  | 0.200       | 0.2040     |               | mg/Kg |   | 102  | 70 - 130    |
| o-Xylene     | 0.100       | 0.1010     |               | mg/Kg |   | 101  | 70 - 130    |

| Surrogate                   | LCS %Recovery | LCS Qualifier | Limits   |
|-----------------------------|---------------|---------------|----------|
| 4-Bromofluorobenzene (Surr) | 106           |               | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 113           |               | 70 - 130 |

Lab Sample ID: LCSD 880-39499/2-A

Matrix: Solid

Analysis Batch: 39575

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 39499

| Analyte      | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Benzene      | 0.100       | 0.1078      |                | mg/Kg |   | 108  | 70 - 130    | 1   | 35        |
| Toluene      | 0.100       | 0.09311     |                | mg/Kg |   | 93   | 70 - 130    | 2   | 35        |
| Ethylbenzene | 0.100       | 0.09402     |                | mg/Kg |   | 94   | 70 - 130    | 3   | 35        |
| m,p-Xylenes  | 0.200       | 0.1961      |                | mg/Kg |   | 98   | 70 - 130    | 4   | 35        |
| o-Xylene     | 0.100       | 0.09679     |                | mg/Kg |   | 97   | 70 - 130    | 4   | 35        |

| Surrogate                   | LCSD %Recovery | LCSD Qualifier | Limits   |
|-----------------------------|----------------|----------------|----------|
| 4-Bromofluorobenzene (Surr) | 104            |                | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 114            |                | 70 - 130 |

Lab Sample ID: 880-21421-41 MS

Matrix: Solid

Analysis Batch: 39575

Client Sample ID: S-22, 3'

Prep Type: Total/NA

Prep Batch: 39499

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Benzene      | <0.00200      | U                | 0.100       | 0.08441   |              | mg/Kg |   | 84   | 70 - 130    |
| Toluene      | <0.00200      | U                | 0.100       | 0.08589   |              | mg/Kg |   | 86   | 70 - 130    |
| Ethylbenzene | <0.00200      | U                | 0.100       | 0.08194   |              | mg/Kg |   | 82   | 70 - 130    |
| m,p-Xylenes  | <0.00401      | U                | 0.200       | 0.1657    |              | mg/Kg |   | 83   | 70 - 130    |
| o-Xylene     | <0.00200      | U                | 0.100       | 0.08082   |              | mg/Kg |   | 81   | 70 - 130    |

| Surrogate                   | MS %Recovery | MS Qualifier | Limits   |
|-----------------------------|--------------|--------------|----------|
| 4-Bromofluorobenzene (Surr) | 88           |              | 70 - 130 |
| 1,4-Difluorobenzene (Surr)  | 123          |              | 70 - 130 |

Lab Sample ID: 880-21421-41 MSD

Matrix: Solid

Analysis Batch: 39575

Client Sample ID: S-22, 3'

Prep Type: Total/NA

Prep Batch: 39499

| Analyte      | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Benzene      | <0.00200      | U                | 0.0998      | 0.1033     |               | mg/Kg |   | 103  | 70 - 130    | 20  | 35        |
| Toluene      | <0.00200      | U                | 0.0998      | 0.08823    |               | mg/Kg |   | 88   | 70 - 130    | 3   | 35        |
| Ethylbenzene | <0.00200      | U                | 0.0998      | 0.08607    |               | mg/Kg |   | 86   | 70 - 130    | 5   | 35        |

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## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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

Lab Sample ID: 880-21421-41 MSD

Matrix: Solid

Analysis Batch: 39575

Client Sample ID: S-22, 3'

Prep Type: Total/NA

Prep Batch: 39499

| Analyte                     | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|-----------------------------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| m,p-Xylenes                 | <0.00401      | U                | 0.200       | 0.1755     |               | mg/Kg |   | 88   | 70 - 130    | 6   | 35        |
| o-Xylene                    | <0.00200      | U                | 0.0998      | 0.08581    |               | mg/Kg |   | 86   | 70 - 130    | 6   | 35        |
| Surrogate                   | MSD %Recovery | MSD Qualifier    | Limits      |            |               |       |   |      |             |     |           |
| 4-Bromofluorobenzene (Surr) | 94            |                  | 70 - 130    |            |               |       |   |      |             |     |           |
| 1,4-Difluorobenzene (Surr)  | 116           |                  | 70 - 130    |            |               |       |   |      |             |     |           |

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

Lab Sample ID: MB 880-39299/1-A

Matrix: Solid

Analysis Batch: 39364

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 39299

| 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 |   | 11/11/22 09:37 | 11/12/22 08:51 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0        | U            | 50.0     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 08:51 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0        | U            | 50.0     | mg/Kg |   | 11/11/22 09:37 | 11/12/22 08:51 | 1       |
| Surrogate                            | MB %Recovery | MB Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 129          |              | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 08:51 | 1       |
| o-Terphenyl (Surr)                   | 132          | S1+          | 70 - 130 |       |   | 11/11/22 09:37 | 11/12/22 08:51 | 1       |

Lab Sample ID: LCS 880-39299/2-A

Matrix: Solid

Analysis Batch: 39364

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 39299

| Analyte                              | Spike Added   | LCS Result    | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |  |  |
|--------------------------------------|---------------|---------------|---------------|-------|---|------|-------------|--|--|
| Gasoline Range Organics (GRO)-C6-C10 | 1000          | 855.3         |               | mg/Kg |   | 86   | 70 - 130    |  |  |
| Diesel Range Organics (Over C10-C28) | 1000          | 908.0         |               | mg/Kg |   | 91   | 70 - 130    |  |  |
| Surrogate                            | LCS %Recovery | LCS Qualifier | Limits        |       |   |      |             |  |  |
| 1-Chlorooctane (Surr)                | 91            |               | 70 - 130      |       |   |      |             |  |  |
| o-Terphenyl (Surr)                   | 91            |               | 70 - 130      |       |   |      |             |  |  |

Lab Sample ID: LCSD 880-39299/3-A

Matrix: Solid

Analysis Batch: 39364

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 39299

| Analyte                              | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000        | 887.6       |                | mg/Kg |   | 89   | 70 - 130    | 4   | 20        |
| Diesel Range Organics (Over C10-C28) | 1000        | 937.1       |                | mg/Kg |   | 94   | 70 - 130    | 3   | 20        |

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## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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

Lab Sample ID: LCSD 880-39299/3-A

Matrix: Solid

Analysis Batch: 39364

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 39299

|                       | LCSD      | LCSD      |          |
|-----------------------|-----------|-----------|----------|
| Surrogate             | %Recovery | Qualifier | Limits   |
| 1-Chlorooctane (Surr) | 91        |           | 70 - 130 |
| o-Terphenyl (Surr)    | 93        |           | 70 - 130 |

Lab Sample ID: 880-21421-1 MS

Matrix: Solid

Analysis Batch: 39364

Client Sample ID: S-13, 1'

Prep Type: Total/NA

Prep Batch: 39299

| 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         | 881.6     |              | mg/Kg |   | 87   | 70 - 130    |
| Diesel Range Organics (Over C10-C28) | <50.0         | U                | 997         | 1063      |              | mg/Kg |   | 107  | 70 - 130    |
| Surrogate                            | MS %Recovery  | MS Qualifier     | Limits      |           |              |       |   |      |             |
| 1-Chlorooctane (Surr)                | 91            |                  | 70 - 130    |           |              |       |   |      |             |
| o-Terphenyl (Surr)                   | 80            |                  | 70 - 130    |           |              |       |   |      |             |

Lab Sample ID: 880-21421-1 MSD

Matrix: Solid

Analysis Batch: 39364

Client Sample ID: S-13, 1'

Prep Type: Total/NA

Prep Batch: 39299

| 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         | 887.0      |               | mg/Kg |   | 87   | 70 - 130    | 1   | 20        |
| Diesel Range Organics (Over C10-C28) | <50.0         | U                | 999         | 1046       |               | mg/Kg |   | 105  | 70 - 130    | 2   | 20        |
| Surrogate                            | MSD %Recovery | MSD Qualifier    | Limits      |            |               |       |   |      |             |     |           |
| 1-Chlorooctane (Surr)                | 89            |                  | 70 - 130    |            |               |       |   |      |             |     |           |
| o-Terphenyl (Surr)                   | 77            |                  | 70 - 130    |            |               |       |   |      |             |     |           |

Lab Sample ID: MB 880-39314/1-A

Matrix: Solid

Analysis Batch: 39373

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 39314

| 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 |   | 11/11/22 10:23 | 11/13/22 20:21 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0        | U            | 50.0     | mg/Kg |   | 11/11/22 10:23 | 11/13/22 20:21 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0        | U            | 50.0     | mg/Kg |   | 11/11/22 10:23 | 11/13/22 20:21 | 1       |
| Surrogate                            | MB %Recovery | MB Qualifier | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
| 1-Chlorooctane (Surr)                | 133          | S1+          | 70 - 130 |       |   | 11/11/22 10:23 | 11/13/22 20:21 | 1       |
| o-Terphenyl (Surr)                   | 156          | S1+          | 70 - 130 |       |   | 11/11/22 10:23 | 11/13/22 20:21 | 1       |

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## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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

Lab Sample ID: LCS 880-39314/2-A

Matrix: Solid

Analysis Batch: 39373

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 39314

| Analyte                              |  |  | Spike | LCS    | LCS       | Unit  | D | %Rec   | %Rec     |  |  |
|--------------------------------------|--|--|-------|--------|-----------|-------|---|--------|----------|--|--|
|                                      |  |  | Added | Result | Qualifier |       |   | Limits |          |  |  |
| Gasoline Range Organics (GRO)-C6-C10 |  |  | 1000  | 1018   |           | mg/Kg |   | 102    | 70 - 130 |  |  |
| Diesel Range Organics (Over C10-C28) |  |  | 1000  | 1131   |           | mg/Kg |   | 113    | 70 - 130 |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |
|                                      |  |  |       |        |           |       |   |        |          |  |  |

Lab Sample ID: LCSD 880-39314/3-A

Matrix: Solid

Analysis Batch: 39373

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 39314

| Report Data: 00000                      |                   |                   |                |                |                   |       |   |      |                |     |              |
|-----------------------------------------|-------------------|-------------------|----------------|----------------|-------------------|-------|---|------|----------------|-----|--------------|
| Analyte                                 |                   |                   | Spike<br>Added | LCSD<br>Result | LCSD<br>Qualifier | Unit  | D | %Rec | %Rec<br>Limits | RPD | RPD<br>Limit |
| Gasoline Range Organics<br>(GRO)-C6-C10 |                   |                   | 1000           | 1031           |                   | mg/Kg |   | 103  | 70 - 130       | 1   | 20           |
| Diesel Range Organics (Over<br>C10-C28) |                   |                   | 1000           | 1133           |                   | mg/Kg |   | 113  | 70 - 130       | 0   | 20           |
| Surrogate                               | LCSD<br>%Recovery | LCSD<br>Qualifier | Limits         |                |                   |       |   |      |                |     |              |
| 1-Chlorooctane (Surr)                   | 105               |                   | 70 - 130       |                |                   |       |   |      |                |     |              |
| o-Terphenyl (Surr)                      | 112               |                   | 70 - 130       |                |                   |       |   |      |                |     |              |

Lab Sample ID: MB 880-39316/1-A

Matrix: Solid

Analysis Batch: 39377

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 39316

| Analyte                              | MB        | MB        | RL       | Unit  | D | Prepared       | Analyzed       | Dil Fac |
|--------------------------------------|-----------|-----------|----------|-------|---|----------------|----------------|---------|
|                                      | Result    | Qualifier |          |       |   |                |                |         |
| Gasoline Range Organics (GRO)-C6-C10 | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:27 | 11/13/22 20:38 | 1       |
| Diesel Range Organics (Over C10-C28) | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:27 | 11/13/22 20:38 | 1       |
| Oil Range Organics (Over C28-C36)    | <50.0     | U         | 50.0     | mg/Kg |   | 11/11/22 10:27 | 11/13/22 20:38 | 1       |
| Surrogate                            | MB        | MB        | Limits   |       |   | Prepared       | Analyzed       | Dil Fac |
|                                      | %Recovery | Qualifier |          |       |   |                |                |         |
| 1-Chlorooctane (Surr)                | 141       | S1+       | 70 - 130 |       |   | 11/11/22 10:27 | 11/13/22 20:38 | 1       |
| o-Terphenyl (Surr)                   | 163       | S1+       | 70 - 130 |       |   | 11/11/22 10:27 | 11/13/22 20:38 | 1       |

Lab Sample ID: LCS 880-39316/2-A

Matrix: Solid

Analysis Batch: 39377

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 39316

| Analyte                              | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|--------------------------------------|-------------|------------|---------------|-------|---|------|-------------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000        | 1191       |               | mg/Kg |   | 119  | 70 - 130    |
| Diesel Range Organics (Over C10-C28) | 1000        | 875.7      |               | mg/Kg |   | 88   | 70 - 130    |

Eurofins Midland

## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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

Lab Sample ID: LCS 880-39316/2-A

Matrix: Solid

Analysis Batch: 39377

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 39316

|                       | LCS       | LCS       |          |
|-----------------------|-----------|-----------|----------|
| Surrogate             | %Recovery | Qualifier | Limits   |
| 1-Chlorooctane (Surr) | 100       |           | 70 - 130 |
| o-Terphenyl (Surr)    | 118       |           | 70 - 130 |

Lab Sample ID: LCSD 880-39316/3-A

Matrix: Solid

Analysis Batch: 39377

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 39316

| Analyte                              | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|--------------------------------------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Gasoline Range Organics (GRO)-C6-C10 | 1000        | 851.8       | *1             | mg/Kg |   | 85   | 70 - 130    | 33  | 20        |
| Diesel Range Organics (Over C10-C28) | 1000        | 757.6       |                | mg/Kg |   | 76   | 70 - 130    | 14  | 20        |

|                       | LCSD      | LCSD      |          |
|-----------------------|-----------|-----------|----------|
| Surrogate             | %Recovery | Qualifier | Limits   |
| 1-Chlorooctane (Surr) | 85        |           | 70 - 130 |
| o-Terphenyl (Surr)    | 103       |           | 70 - 130 |

Lab Sample ID: 880-21421-21 MS

Matrix: Solid

Analysis Batch: 39377

Client Sample ID: S-7, 5'

Prep Type: Total/NA

Prep Batch: 39316

| 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 *1 F1          | 997         | 660.8     | F1           | mg/Kg |   | 65   | 70 - 130    |
| Diesel Range Organics (Over C10-C28) | <50.0         | U F1             | 997         | 552.4     | F1           | mg/Kg |   | 55   | 70 - 130    |

|                       | MS        | MS        |          |
|-----------------------|-----------|-----------|----------|
| Surrogate             | %Recovery | Qualifier | Limits   |
| 1-Chlorooctane (Surr) | 49        | S1-       | 70 - 130 |
| o-Terphenyl (Surr)    | 44        | S1-       | 70 - 130 |

Lab Sample ID: 880-21421-21 MSD

Matrix: Solid

Analysis Batch: 39377

Client Sample ID: S-7, 5'

Prep Type: Total/NA

Prep Batch: 39316

| 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 *1 F1          | 999         | 551.6      | F1            | mg/Kg |   | 53   | 70 - 130    | 18  | 20        |
| Diesel Range Organics (Over C10-C28) | <50.0         | U F1             | 999         | 497.9      | F1            | mg/Kg |   | 50   | 70 - 130    | 10  | 20        |

|                       | MSD       | MSD       |          |
|-----------------------|-----------|-----------|----------|
| Surrogate             | %Recovery | Qualifier | Limits   |
| 1-Chlorooctane (Surr) | 44        | S1-       | 70 - 130 |
| o-Terphenyl (Surr)    | 38        | S1-       | 70 - 130 |

Eurofins Midland

## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-39450/1-A

Matrix: Solid

Analysis Batch: 39643

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 |   |          | 11/16/22 04:44 | 1       |

Lab Sample ID: LCS 880-39450/2-A

Matrix: Solid

Analysis Batch: 39643

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250         | 267.7      |               | mg/Kg |   | 107  | 90 - 110    |

Lab Sample ID: LCSD 880-39450/3-A

Matrix: Solid

Analysis Batch: 39643

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         | 266.4       |                | mg/Kg |   | 107  | 90 - 110    | 0   | 20        |

Lab Sample ID: MB 880-39451/1-A

Matrix: Solid

Analysis Batch: 39651

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 21:35 | 1       |

Lab Sample ID: LCS 880-39451/2-A

Matrix: Solid

Analysis Batch: 39651

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250         | 273.9      |               | mg/Kg |   | 110  | 90 - 110    |

Lab Sample ID: LCSD 880-39451/3-A

Matrix: Solid

Analysis Batch: 39651

Client Sample ID: Lab Control Sample Dup

Prep Type: Soluble

| Analyte  | Spike Added | LCSD Result | LCSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|-------------|-------------|----------------|-------|---|------|-------------|-----|-----------|
| Chloride | 250         | 269.0       |                | mg/Kg |   | 108  | 90 - 110    | 2   | 20        |

Lab Sample ID: 880-21421-1 MS

Matrix: Solid

Analysis Batch: 39651

Client Sample ID: S-13, 1'

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 31.1          |                  | 253         | 305.1     |              | mg/Kg |   | 109  | 90 - 110    |

Lab Sample ID: 880-21421-1 MSD

Matrix: Solid

Analysis Batch: 39651

Client Sample ID: S-13, 1'

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 31.1          |                  | 253         | 296.4      |               | mg/Kg |   | 105  | 90 - 110    | 3   | 20        |

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## QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: 880-21421-11 MS

Matrix: Solid

Analysis Batch: 39651

Client Sample ID: S-10, 3'

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 51.3          |                  | 251         | 297.9     |              | mg/Kg |   | 98   | 90 - 110    |

Lab Sample ID: 880-21421-11 MSD

Matrix: Solid

Analysis Batch: 39651

Client Sample ID: S-10, 3'

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 51.3          |                  | 251         | 305.9      |               | mg/Kg |   | 102  | 90 - 110    | 3   | 20        |

Lab Sample ID: MB 880-39452/1-A

Matrix: Solid

Analysis Batch: 39652

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 |   |          | 11/16/22 01:45 | 1       |

Lab Sample ID: LCS 880-39452/2-A

Matrix: Solid

Analysis Batch: 39652

Client Sample ID: Lab Control Sample

Prep Type: Soluble

| Analyte  | Spike Added | LCS Result | LCS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|-------------|------------|---------------|-------|---|------|-------------|
| Chloride | 250         | 264.2      |               | mg/Kg |   | 106  | 90 - 110    |

Lab Sample ID: LCSD 880-39452/3-A

Matrix: Solid

Analysis Batch: 39652

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         | 260.2       |                | mg/Kg |   | 104  | 90 - 110    | 2   | 20        |

Lab Sample ID: 880-21421-21 MS

Matrix: Solid

Analysis Batch: 39652

Client Sample ID: S-7, 5'

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 14.8          | F1               | 253         | 284.9     |              | mg/Kg |   | 107  | 90 - 110    |

Lab Sample ID: 880-21421-21 MSD

Matrix: Solid

Analysis Batch: 39652

Client Sample ID: S-7, 5'

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D | %Rec | %Rec Limits | RPD | RPD Limit |
|----------|---------------|------------------|-------------|------------|---------------|-------|---|------|-------------|-----|-----------|
| Chloride | 14.8          | F1               | 253         | 321.0      | F1            | mg/Kg |   | 121  | 90 - 110    | 12  | 20        |

Lab Sample ID: 880-21421-31 MS

Matrix: Solid

Analysis Batch: 39652

Client Sample ID: S-3, 1'

Prep Type: Soluble

| Analyte  | Sample Result | Sample Qualifier | Spike Added | MS Result | MS Qualifier | Unit  | D | %Rec | %Rec Limits |
|----------|---------------|------------------|-------------|-----------|--------------|-------|---|------|-------------|
| Chloride | 26.9          | F1               | 253         | 310.6     | F1           | mg/Kg |   | 112  | 90 - 110    |

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QC Sample Results

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Method: 300.0 - Anions, Ion Chromatography

|                                 |               |                  |             |            |               |       |                           |      |             |     |           |  |
|---------------------------------|---------------|------------------|-------------|------------|---------------|-------|---------------------------|------|-------------|-----|-----------|--|
| Lab Sample ID: 880-21421-31 MSD |               |                  |             |            |               |       | Client Sample ID: S-3, 1' |      |             |     |           |  |
| Matrix: Solid                   |               |                  |             |            |               |       | Prep Type: Soluble        |      |             |     |           |  |
| Analysis Batch: 39652           |               |                  |             |            |               |       |                           |      |             |     |           |  |
| Analyte                         | Sample Result | Sample Qualifier | Spike Added | MSD Result | MSD Qualifier | Unit  | D                         | %Rec | %Rec Limits | RPD | RPD Limit |  |
| Chloride                        | 26.9          | F1               | 253         | 291.4      |               | mg/Kg |                           | 105  | 90 - 110    | 6   | 20        |  |

## QC Association Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## GC VOA

## Prep Batch: 39251

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| MB 880-39251/5-A | Method Blank     | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 39391

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-21421-1        | S-13, 1'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-2        | S-13, 3'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-3        | S-13, 5'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-4        | S-12, 1'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-5        | S-12, 3'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-6        | S-12, 5'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-7        | S-11, 1'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-8        | S-11, 3'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-9        | S-11, 5'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-10       | S-10, 1'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-11       | S-10, 3'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-12       | S-10, 5'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-13       | S-9, 1'                | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-14       | S-9, 3'                | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-15       | S-9, 5'                | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-16       | S-8, 1'                | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-17       | S-8, 3'                | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-18       | S-8, 5'                | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-19       | S-7, 1'                | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-20       | S-7, 3'                | Total/NA  | Solid  | 8021B  | 39492      |
| MB 880-39251/5-A   | Method Blank           | Total/NA  | Solid  | 8021B  | 39251      |
| MB 880-39492/5-A   | Method Blank           | Total/NA  | Solid  | 8021B  | 39492      |
| LCS 880-39492/1-A  | Lab Control Sample     | Total/NA  | Solid  | 8021B  | 39492      |
| LCSD 880-39492/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-1 MS     | S-13, 1'               | Total/NA  | Solid  | 8021B  | 39492      |
| 880-21421-1 MSD    | S-13, 1'               | Total/NA  | Solid  | 8021B  | 39492      |

## Analysis Batch: 39394

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-21421-21  | S-7, 5'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-22  | S-6, 1'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-23  | S-6, 3'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-24  | S-6, 5'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-25  | S-5, 1'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-26  | S-5, 3'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-27  | S-5, 5'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-28  | S-4, 1'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-29  | S-4, 3'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-30  | S-4, 5'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-31  | S-3, 1'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-32  | S-3, 3'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-33  | S-3, 5'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-34  | S-2, 1'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-35  | S-2, 3'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-36  | S-2, 5'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-37  | S-1, 1'          | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-38  | S-1, 3'          | Total/NA  | Solid  | 8021B  | 39493      |

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## QC Association Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## GC VOA (Continued)

## Analysis Batch: 39394 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-21421-39       | S-1, 5'                | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-40       | S-22, 1'               | Total/NA  | Solid  | 8021B  | 39493      |
| MB 880-39397/5-A   | Method Blank           | Total/NA  | Solid  | 8021B  | 39397      |
| MB 880-39493/5-A   | Method Blank           | Total/NA  | Solid  | 8021B  | 39493      |
| LCS 880-39493/1-A  | Lab Control Sample     | Total/NA  | Solid  | 8021B  | 39493      |
| LCSD 880-39493/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-21 MS    | S-7, 5'                | Total/NA  | Solid  | 8021B  | 39493      |
| 880-21421-21 MSD   | S-7, 5'                | Total/NA  | Solid  | 8021B  | 39493      |

## Prep Batch: 39397

| Lab Sample ID    | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|------------------|------------------|-----------|--------|--------|------------|
| MB 880-39397/5-A | Method Blank     | Total/NA  | Solid  | 5035   |            |

## Prep Batch: 39492

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-21421-1        | S-13, 1'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-2        | S-13, 3'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-3        | S-13, 5'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-4        | S-12, 1'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-5        | S-12, 3'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-6        | S-12, 5'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-7        | S-11, 1'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-8        | S-11, 3'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-9        | S-11, 5'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-10       | S-10, 1'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-11       | S-10, 3'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-12       | S-10, 5'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-13       | S-9, 1'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-14       | S-9, 3'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-15       | S-9, 5'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-16       | S-8, 1'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-17       | S-8, 3'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-18       | S-8, 5'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-19       | S-7, 1'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-20       | S-7, 3'                | Total/NA  | Solid  | 5035   |            |
| MB 880-39492/5-A   | Method Blank           | Total/NA  | Solid  | 5035   |            |
| LCS 880-39492/1-A  | Lab Control Sample     | Total/NA  | Solid  | 5035   |            |
| LCSD 880-39492/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 5035   |            |
| 880-21421-1 MS     | S-13, 1'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-1 MSD    | S-13, 1'               | Total/NA  | Solid  | 5035   |            |

## Prep Batch: 39493

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-21421-21  | S-7, 5'          | Total/NA  | Solid  | 5035   |            |
| 880-21421-22  | S-6, 1'          | Total/NA  | Solid  | 5035   |            |
| 880-21421-23  | S-6, 3'          | Total/NA  | Solid  | 5035   |            |
| 880-21421-24  | S-6, 5'          | Total/NA  | Solid  | 5035   |            |
| 880-21421-25  | S-5, 1'          | Total/NA  | Solid  | 5035   |            |
| 880-21421-26  | S-5, 3'          | Total/NA  | Solid  | 5035   |            |
| 880-21421-27  | S-5, 5'          | Total/NA  | Solid  | 5035   |            |
| 880-21421-28  | S-4, 1'          | Total/NA  | Solid  | 5035   |            |

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## QC Association Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## GC VOA (Continued)

## Prep Batch: 39493 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-21421-29       | S-4, 3'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-30       | S-4, 5'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-31       | S-3, 1'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-32       | S-3, 3'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-33       | S-3, 5'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-34       | S-2, 1'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-35       | S-2, 3'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-36       | S-2, 5'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-37       | S-1, 1'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-38       | S-1, 3'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-39       | S-1, 5'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-40       | S-22, 1'               | Total/NA  | Solid  | 5035   |            |
| MB 880-39493/5-A   | Method Blank           | Total/NA  | Solid  | 5035   |            |
| LCS 880-39493/1-A  | Lab Control Sample     | Total/NA  | Solid  | 5035   |            |
| LCSD 880-39493/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 5035   |            |
| 880-21421-21 MS    | S-7, 5'                | Total/NA  | Solid  | 5035   |            |
| 880-21421-21 MSD   | S-7, 5'                | Total/NA  | Solid  | 5035   |            |

## Prep Batch: 39499

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-21421-41       | S-22, 3'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-42       | S-22, 5'               | Total/NA  | Solid  | 5035   |            |
| MB 880-39499/5-A   | Method Blank           | Total/NA  | Solid  | 5035   |            |
| LCS 880-39499/1-A  | Lab Control Sample     | Total/NA  | Solid  | 5035   |            |
| LCSD 880-39499/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 5035   |            |
| 880-21421-41 MS    | S-22, 3'               | Total/NA  | Solid  | 5035   |            |
| 880-21421-41 MSD   | S-22, 3'               | Total/NA  | Solid  | 5035   |            |

## Analysis Batch: 39575

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-21421-41       | S-22, 3'               | Total/NA  | Solid  | 8021B  | 39499      |
| 880-21421-42       | S-22, 5'               | Total/NA  | Solid  | 8021B  | 39499      |
| MB 880-39499/5-A   | Method Blank           | Total/NA  | Solid  | 8021B  | 39499      |
| LCS 880-39499/1-A  | Lab Control Sample     | Total/NA  | Solid  | 8021B  | 39499      |
| LCSD 880-39499/2-A | Lab Control Sample Dup | Total/NA  | Solid  | 8021B  | 39499      |
| 880-21421-41 MS    | S-22, 3'               | Total/NA  | Solid  | 8021B  | 39499      |
| 880-21421-41 MSD   | S-22, 3'               | Total/NA  | Solid  | 8021B  | 39499      |

## Analysis Batch: 39606

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method     | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-21421-1   | S-13, 1'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-2   | S-13, 3'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-3   | S-13, 5'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-4   | S-12, 1'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-5   | S-12, 3'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-6   | S-12, 5'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-7   | S-11, 1'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-8   | S-11, 3'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-9   | S-11, 5'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-10  | S-10, 1'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-11  | S-10, 3'         | Total/NA  | Solid  | Total BTEX |            |

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## QC Association Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## GC VOA (Continued)

## Analysis Batch: 39606 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method     | Prep Batch |
|---------------|------------------|-----------|--------|------------|------------|
| 880-21421-12  | S-10, 5'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-13  | S-9, 1'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-14  | S-9, 3'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-15  | S-9, 5'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-16  | S-8, 1'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-17  | S-8, 3'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-18  | S-8, 5'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-19  | S-7, 1'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-20  | S-7, 3'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-21  | S-7, 5'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-22  | S-6, 1'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-23  | S-6, 3'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-24  | S-6, 5'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-25  | S-5, 1'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-26  | S-5, 3'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-27  | S-5, 5'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-28  | S-4, 1'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-29  | S-4, 3'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-30  | S-4, 5'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-31  | S-3, 1'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-32  | S-3, 3'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-33  | S-3, 5'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-34  | S-2, 1'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-35  | S-2, 3'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-36  | S-2, 5'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-37  | S-1, 1'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-38  | S-1, 3'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-39  | S-1, 5'          | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-40  | S-22, 1'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-41  | S-22, 3'         | Total/NA  | Solid  | Total BTEX |            |
| 880-21421-42  | S-22, 5'         | Total/NA  | Solid  | Total BTEX |            |

## GC Semi VOA

## Prep Batch: 39299

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method      | Prep Batch |
|---------------|------------------|-----------|--------|-------------|------------|
| 880-21421-1   | S-13, 1'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-2   | S-13, 3'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-3   | S-13, 5'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-4   | S-12, 1'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-5   | S-12, 3'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-6   | S-12, 5'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-7   | S-11, 1'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-8   | S-11, 3'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-9   | S-11, 5'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-10  | S-10, 1'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-11  | S-10, 3'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-12  | S-10, 5'         | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-13  | S-9, 1'          | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-14  | S-9, 3'          | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-15  | S-9, 5'          | Total/NA  | Solid  | 8015NM Prep |            |

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## QC Association Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## GC Semi VOA (Continued)

## Prep Batch: 39299 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method      | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 880-21421-16       | S-8, 1'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-17       | S-8, 3'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-18       | S-8, 5'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-19       | S-7, 1'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-20       | S-7, 3'                | Total/NA  | Solid  | 8015NM Prep |            |
| MB 880-39299/1-A   | Method Blank           | Total/NA  | Solid  | 8015NM Prep |            |
| LCS 880-39299/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015NM Prep |            |
| LCSD 880-39299/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-1 MS     | S-13, 1'               | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-1 MSD    | S-13, 1'               | Total/NA  | Solid  | 8015NM Prep |            |

## Prep Batch: 39314

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method      | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 880-21421-41       | S-22, 3'               | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-42       | S-22, 5'               | Total/NA  | Solid  | 8015NM Prep |            |
| MB 880-39314/1-A   | Method Blank           | Total/NA  | Solid  | 8015NM Prep |            |
| LCS 880-39314/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015NM Prep |            |
| LCSD 880-39314/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015NM Prep |            |

## Prep Batch: 39316

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method      | Prep Batch |
|--------------------|------------------------|-----------|--------|-------------|------------|
| 880-21421-21       | S-7, 5'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-22       | S-6, 1'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-23       | S-6, 3'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-24       | S-6, 5'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-25       | S-5, 1'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-26       | S-5, 3'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-27       | S-5, 5'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-28       | S-4, 1'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-29       | S-4, 3'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-30       | S-4, 5'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-31       | S-3, 1'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-32       | S-3, 3'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-33       | S-3, 5'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-34       | S-2, 1'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-35       | S-2, 3'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-36       | S-2, 5'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-37       | S-1, 1'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-38       | S-1, 3'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-39       | S-1, 5'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-40       | S-22, 1'               | Total/NA  | Solid  | 8015NM Prep |            |
| MB 880-39316/1-A   | Method Blank           | Total/NA  | Solid  | 8015NM Prep |            |
| LCS 880-39316/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015NM Prep |            |
| LCSD 880-39316/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-21 MS    | S-7, 5'                | Total/NA  | Solid  | 8015NM Prep |            |
| 880-21421-21 MSD   | S-7, 5'                | Total/NA  | Solid  | 8015NM Prep |            |

## Analysis Batch: 39364

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-21421-1   | S-13, 1'         | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-2   | S-13, 3'         | Total/NA  | Solid  | 8015B NM | 39299      |

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## QC Association Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## GC Semi VOA (Continued)

## Analysis Batch: 39364 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-21421-3        | S-13, 5'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-4        | S-12, 1'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-5        | S-12, 3'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-6        | S-12, 5'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-7        | S-11, 1'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-8        | S-11, 3'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-9        | S-11, 5'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-10       | S-10, 1'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-11       | S-10, 3'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-12       | S-10, 5'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-13       | S-9, 1'                | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-14       | S-9, 3'                | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-15       | S-9, 5'                | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-16       | S-8, 1'                | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-17       | S-8, 3'                | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-18       | S-8, 5'                | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-19       | S-7, 1'                | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-20       | S-7, 3'                | Total/NA  | Solid  | 8015B NM | 39299      |
| MB 880-39299/1-A   | Method Blank           | Total/NA  | Solid  | 8015B NM | 39299      |
| LCS 880-39299/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015B NM | 39299      |
| LCSD 880-39299/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-1 MS     | S-13, 1'               | Total/NA  | Solid  | 8015B NM | 39299      |
| 880-21421-1 MSD    | S-13, 1'               | Total/NA  | Solid  | 8015B NM | 39299      |

## Analysis Batch: 39373

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-21421-41       | S-22, 3'               | Total/NA  | Solid  | 8015B NM | 39314      |
| 880-21421-42       | S-22, 5'               | Total/NA  | Solid  | 8015B NM | 39314      |
| MB 880-39314/1-A   | Method Blank           | Total/NA  | Solid  | 8015B NM | 39314      |
| LCS 880-39314/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015B NM | 39314      |
| LCSD 880-39314/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015B NM | 39314      |

## Analysis Batch: 39375

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-21421-35  | S-2, 3'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-36  | S-2, 5'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-37  | S-1, 1'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-38  | S-1, 3'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-39  | S-1, 5'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-40  | S-22, 1'         | Total/NA  | Solid  | 8015B NM | 39316      |

## Analysis Batch: 39377

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-21421-21  | S-7, 5'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-22  | S-6, 1'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-23  | S-6, 3'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-24  | S-6, 5'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-25  | S-5, 1'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-26  | S-5, 3'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-27  | S-5, 5'          | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-28  | S-4, 1'          | Total/NA  | Solid  | 8015B NM | 39316      |

Eurofins Midland

## QC Association Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## GC Semi VOA (Continued)

## Analysis Batch: 39377 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-21421-29       | S-4, 3'                | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-30       | S-4, 5'                | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-31       | S-3, 1'                | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-32       | S-3, 3'                | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-33       | S-3, 5'                | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-34       | S-2, 1'                | Total/NA  | Solid  | 8015B NM | 39316      |
| MB 880-39316/1-A   | Method Blank           | Total/NA  | Solid  | 8015B NM | 39316      |
| LCS 880-39316/2-A  | Lab Control Sample     | Total/NA  | Solid  | 8015B NM | 39316      |
| LCSD 880-39316/3-A | Lab Control Sample Dup | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-21 MS    | S-7, 5'                | Total/NA  | Solid  | 8015B NM | 39316      |
| 880-21421-21 MSD   | S-7, 5'                | Total/NA  | Solid  | 8015B NM | 39316      |

## Analysis Batch: 39497

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method  | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-21421-1   | S-13, 1'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-2   | S-13, 3'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-3   | S-13, 5'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-4   | S-12, 1'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-5   | S-12, 3'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-6   | S-12, 5'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-7   | S-11, 1'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-8   | S-11, 3'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-9   | S-11, 5'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-10  | S-10, 1'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-11  | S-10, 3'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-12  | S-10, 5'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-13  | S-9, 1'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-14  | S-9, 3'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-15  | S-9, 5'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-16  | S-8, 1'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-17  | S-8, 3'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-18  | S-8, 5'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-19  | S-7, 1'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-20  | S-7, 3'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-21  | S-7, 5'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-22  | S-6, 1'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-23  | S-6, 3'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-24  | S-6, 5'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-25  | S-5, 1'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-26  | S-5, 3'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-27  | S-5, 5'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-28  | S-4, 1'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-29  | S-4, 3'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-30  | S-4, 5'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-31  | S-3, 1'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-32  | S-3, 3'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-33  | S-3, 5'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-34  | S-2, 1'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-35  | S-2, 3'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-36  | S-2, 5'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-37  | S-1, 1'          | Total/NA  | Solid  | 8015 NM |            |

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## QC Association Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## GC Semi VOA (Continued)

## Analysis Batch: 39497 (Continued)

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method  | Prep Batch |
|---------------|------------------|-----------|--------|---------|------------|
| 880-21421-38  | S-1, 3'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-39  | S-1, 5'          | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-40  | S-22, 1'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-41  | S-22, 3'         | Total/NA  | Solid  | 8015 NM |            |
| 880-21421-42  | S-22, 5'         | Total/NA  | Solid  | 8015 NM |            |

## HPLC/IC

## Leach Batch: 39450

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-21421-41       | S-22, 3'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-42       | S-22, 5'               | Soluble   | Solid  | DI Leach |            |
| MB 880-39450/1-A   | Method Blank           | Soluble   | Solid  | DI Leach |            |
| LCS 880-39450/2-A  | Lab Control Sample     | Soluble   | Solid  | DI Leach |            |
| LCSD 880-39450/3-A | Lab Control Sample Dup | Soluble   | Solid  | DI Leach |            |

## Leach Batch: 39451

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-21421-1        | S-13, 1'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-2        | S-13, 3'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-3        | S-13, 5'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-4        | S-12, 1'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-5        | S-12, 3'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-6        | S-12, 5'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-7        | S-11, 1'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-8        | S-11, 3'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-9        | S-11, 5'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-10       | S-10, 1'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-11       | S-10, 3'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-12       | S-10, 5'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-13       | S-9, 1'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-14       | S-9, 3'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-15       | S-9, 5'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-16       | S-8, 1'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-17       | S-8, 3'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-18       | S-8, 5'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-19       | S-7, 1'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-20       | S-7, 3'                | Soluble   | Solid  | DI Leach |            |
| MB 880-39451/1-A   | Method Blank           | Soluble   | Solid  | DI Leach |            |
| LCS 880-39451/2-A  | Lab Control Sample     | Soluble   | Solid  | DI Leach |            |
| LCSD 880-39451/3-A | Lab Control Sample Dup | Soluble   | Solid  | DI Leach |            |
| 880-21421-1 MS     | S-13, 1'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-1 MSD    | S-13, 1'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-11 MS    | S-10, 3'               | Soluble   | Solid  | DI Leach |            |
| 880-21421-11 MSD   | S-10, 3'               | Soluble   | Solid  | DI Leach |            |

## Leach Batch: 39452

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method   | Prep Batch |
|---------------|------------------|-----------|--------|----------|------------|
| 880-21421-21  | S-7, 5'          | Soluble   | Solid  | DI Leach |            |
| 880-21421-22  | S-6, 1'          | Soluble   | Solid  | DI Leach |            |
| 880-21421-23  | S-6, 3'          | Soluble   | Solid  | DI Leach |            |

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## QC Association Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## HPLC/IC (Continued)

## Leach Batch: 39452 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method   | Prep Batch |
|--------------------|------------------------|-----------|--------|----------|------------|
| 880-21421-24       | S-6, 5'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-25       | S-5, 1'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-26       | S-5, 3'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-27       | S-5, 5'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-28       | S-4, 1'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-29       | S-4, 3'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-30       | S-4, 5'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-31       | S-3, 1'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-32       | S-3, 3'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-33       | S-3, 5'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-34       | S-2, 1'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-35       | S-2, 3'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-36       | S-2, 5'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-37       | S-1, 1'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-38       | S-1, 3'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-39       | S-1, 5'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-40       | S-22, 1'               | Soluble   | Solid  | DI Leach |            |
| MB 880-39452/1-A   | Method Blank           | Soluble   | Solid  | DI Leach |            |
| LCS 880-39452/2-A  | Lab Control Sample     | Soluble   | Solid  | DI Leach |            |
| LCSD 880-39452/3-A | Lab Control Sample Dup | Soluble   | Solid  | DI Leach |            |
| 880-21421-21 MS    | S-7, 5'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-21 MSD   | S-7, 5'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-31 MS    | S-3, 1'                | Soluble   | Solid  | DI Leach |            |
| 880-21421-31 MSD   | S-3, 1'                | Soluble   | Solid  | DI Leach |            |

## Analysis Batch: 39643

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-21421-41       | S-22, 3'               | Soluble   | Solid  | 300.0  | 39450      |
| 880-21421-42       | S-22, 5'               | Soluble   | Solid  | 300.0  | 39450      |
| MB 880-39450/1-A   | Method Blank           | Soluble   | Solid  | 300.0  | 39450      |
| LCS 880-39450/2-A  | Lab Control Sample     | Soluble   | Solid  | 300.0  | 39450      |
| LCSD 880-39450/3-A | Lab Control Sample Dup | Soluble   | Solid  | 300.0  | 39450      |

## Analysis Batch: 39651

| Lab Sample ID | Client Sample ID | Prep Type | Matrix | Method | Prep Batch |
|---------------|------------------|-----------|--------|--------|------------|
| 880-21421-1   | S-13, 1'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-2   | S-13, 3'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-3   | S-13, 5'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-4   | S-12, 1'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-5   | S-12, 3'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-6   | S-12, 5'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-7   | S-11, 1'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-8   | S-11, 3'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-9   | S-11, 5'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-10  | S-10, 1'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-11  | S-10, 3'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-12  | S-10, 5'         | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-13  | S-9, 1'          | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-14  | S-9, 3'          | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-15  | S-9, 5'          | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-16  | S-8, 1'          | Soluble   | Solid  | 300.0  | 39451      |

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## QC Association Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

## HPLC/IC (Continued)

## Analysis Batch: 39651 (Continued)

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-21421-17       | S-8, 3'                | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-18       | S-8, 5'                | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-19       | S-7, 1'                | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-20       | S-7, 3'                | Soluble   | Solid  | 300.0  | 39451      |
| MB 880-39451/1-A   | Method Blank           | Soluble   | Solid  | 300.0  | 39451      |
| LCS 880-39451/2-A  | Lab Control Sample     | Soluble   | Solid  | 300.0  | 39451      |
| LCSD 880-39451/3-A | Lab Control Sample Dup | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-1 MS     | S-13, 1'               | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-1 MSD    | S-13, 1'               | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-11 MS    | S-10, 3'               | Soluble   | Solid  | 300.0  | 39451      |
| 880-21421-11 MSD   | S-10, 3'               | Soluble   | Solid  | 300.0  | 39451      |

## Analysis Batch: 39652

| Lab Sample ID      | Client Sample ID       | Prep Type | Matrix | Method | Prep Batch |
|--------------------|------------------------|-----------|--------|--------|------------|
| 880-21421-21       | S-7, 5'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-22       | S-6, 1'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-23       | S-6, 3'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-24       | S-6, 5'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-25       | S-5, 1'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-26       | S-5, 3'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-27       | S-5, 5'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-28       | S-4, 1'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-29       | S-4, 3'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-30       | S-4, 5'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-31       | S-3, 1'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-32       | S-3, 3'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-33       | S-3, 5'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-34       | S-2, 1'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-35       | S-2, 3'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-36       | S-2, 5'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-37       | S-1, 1'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-38       | S-1, 3'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-39       | S-1, 5'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-40       | S-22, 1'               | Soluble   | Solid  | 300.0  | 39452      |
| MB 880-39452/1-A   | Method Blank           | Soluble   | Solid  | 300.0  | 39452      |
| LCS 880-39452/2-A  | Lab Control Sample     | Soluble   | Solid  | 300.0  | 39452      |
| LCSD 880-39452/3-A | Lab Control Sample Dup | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-21 MS    | S-7, 5'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-21 MSD   | S-7, 5'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-31 MS    | S-3, 1'                | Soluble   | Solid  | 300.0  | 39452      |
| 880-21421-31 MSD   | S-3, 1'                | Soluble   | Solid  | 300.0  | 39452      |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-13, 1'

Lab Sample ID: 880-21421-1

Date Collected: 11/02/22 12:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 01:41       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 11:25       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.95 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 21:57       | CH      | EET MID |

Client Sample ID: S-13, 3'

Lab Sample ID: 880-21421-2

Date Collected: 11/02/22 12:15

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 02:07       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 12:31       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.04 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 22:18       | CH      | EET MID |

Client Sample ID: S-13, 5'

Lab Sample ID: 880-21421-3

Date Collected: 11/02/22 12:30

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 02:33       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 12:53       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 22:25       | CH      | EET MID |

Client Sample ID: S-12, 1'

Lab Sample ID: 880-21421-4

Date Collected: 11/02/22 12:45

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 02:58       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-12, 1'

Lab Sample ID: 880-21421-4

Date Collected: 11/02/22 12:45

Matrix: Solid

Date Received: 11/10/22 08:39

| 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          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 13:14       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.99 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 22:32       | CH      | EET MID |

Client Sample ID: S-12, 3'

Lab Sample ID: 880-21421-5

Date Collected: 11/02/22 13:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 03:24       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 13:36       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.96 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 22:39       | CH      | EET MID |

Client Sample ID: S-12, 5'

Lab Sample ID: 880-21421-6

Date Collected: 11/02/22 13:15

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 03:49       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 13:58       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.04 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 23:01       | CH      | EET MID |

Client Sample ID: S-11, 1'

Lab Sample ID: 880-21421-7

Date Collected: 11/02/22 13:30

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 04:15       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 14:19       | AJ      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-11, 1'

Lab Sample ID: 880-21421-7

Date Collected: 11/02/22 13:30

Matrix: Solid

Date Received: 11/10/22 08:39

| 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        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 23:08       | CH      | EET MID |

Client Sample ID: S-11, 3'

Lab Sample ID: 880-21421-8

Date Collected: 11/02/22 13:45

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 04:41       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 14:41       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5 g            | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 23:15       | CH      | EET MID |

Client Sample ID: S-11, 5'

Lab Sample ID: 880-21421-9

Date Collected: 11/02/22 14:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 05:06       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 15:03       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.03 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 23:22       | CH      | EET MID |

Client Sample ID: S-10, 1'

Lab Sample ID: 880-21421-10

Date Collected: 11/02/22 14:15

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 05:32       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 15:24       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.97 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 23:29       | CH      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-10, 3'

Lab Sample ID: 880-21421-11

Date Collected: 11/02/22 14:30

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 07:18       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.00 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 16:07       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.99 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 23:36       | CH      | EET MID |

Client Sample ID: S-10, 5'

Lab Sample ID: 880-21421-12

Date Collected: 11/02/22 14:45

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 07:46       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 16:28       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/15/22 23:58       | CH      | EET MID |

Client Sample ID: S-9, 1'

Lab Sample ID: 880-21421-13

Date Collected: 11/02/22 15:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 08:12       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 16:50       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.05 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/16/22 00:05       | CH      | EET MID |

Client Sample ID: S-9, 3'

Lab Sample ID: 880-21421-14

Date Collected: 11/02/22 15:15

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 08:39       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-9, 3'

Lab Sample ID: 880-21421-14

Date Collected: 11/02/22 15:15

Matrix: Solid

Date Received: 11/10/22 08:39

| 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          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 17:11       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.97 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/16/22 00:26       | CH      | EET MID |

Client Sample ID: S-9, 5'

Lab Sample ID: 880-21421-15

Date Collected: 11/02/22 15:30

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 09:05       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 17:32       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.98 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/16/22 00:33       | CH      | EET MID |

Client Sample ID: S-8, 1'

Lab Sample ID: 880-21421-16

Date Collected: 11/02/22 15:45

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 09:31       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 17:54       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.03 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/16/22 00:40       | CH      | EET MID |

Client Sample ID: S-8, 3'

Lab Sample ID: 880-21421-17

Date Collected: 11/02/22 16:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 09:57       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 18:15       | AJ      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-8, 3'

Lab Sample ID: 880-21421-17

Date Collected: 11/02/22 16:00

Matrix: Solid

Date Received: 11/10/22 08:39

| 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        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/16/22 00:48       | CH      | EET MID |

Client Sample ID: S-8, 5'

Lab Sample ID: 880-21421-18

Date Collected: 11/02/22 16:15

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 10:23       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 18:36       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5 g            | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/16/22 00:55       | CH      | EET MID |

Client Sample ID: S-7, 1'

Lab Sample ID: 880-21421-19

Date Collected: 11/03/22 09:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 10:49       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 18:58       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.04 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/16/22 01:02       | CH      | EET MID |

Client Sample ID: S-7, 3'

Lab Sample ID: 880-21421-20

Date Collected: 11/03/22 09:15

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39492        | 11/14/22 13:29       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39391        | 11/15/22 11:15       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 11:32       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:44       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 39299        | 11/11/22 09:37       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39364        | 11/12/22 19:19       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.96 g         | 50 mL        | 39451        | 11/14/22 11:46       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39651        | 11/16/22 01:09       | CH      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-7, 5'

Lab Sample ID: 880-21421-21

Date Collected: 11/03/22 09:30

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/14/22 23:10       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/13/22 21:44       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.95 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 02:06       | CH      | EET MID |

Client Sample ID: S-6, 1'

Lab Sample ID: 880-21421-22

Date Collected: 11/03/22 09:45

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/14/22 23:31       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/13/22 22:50       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5 g            | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 02:28       | CH      | EET MID |

Client Sample ID: S-6, 3'

Lab Sample ID: 880-21421-23

Date Collected: 11/03/22 10:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/14/22 23:51       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/13/22 23:12       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 02:35       | CH      | EET MID |

Client Sample ID: S-6, 5'

Lab Sample ID: 880-21421-24

Date Collected: 11/03/22 10:15

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 00:12       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-6, 5'

Lab Sample ID: 880-21421-24

Date Collected: 11/03/22 10:15

Matrix: Solid

Date Received: 11/10/22 08:39

| 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          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/13/22 23:34       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.05 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 02:42       | CH      | EET MID |

Client Sample ID: S-5, 1'

Lab Sample ID: 880-21421-25

Date Collected: 11/03/22 10:30

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 00:33       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/13/22 23:56       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 02:49       | CH      | EET MID |

Client Sample ID: S-5, 3'

Lab Sample ID: 880-21421-26

Date Collected: 11/03/22 10:45

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 00:53       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/14/22 00:17       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.03 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 03:10       | CH      | EET MID |

Client Sample ID: S-5, 5'

Lab Sample ID: 880-21421-27

Date Collected: 11/03/22 11:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 01:14       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.00 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/14/22 00:40       | AJ      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-5, 5'

Lab Sample ID: 880-21421-27

Date Collected: 11/03/22 11:00

Matrix: Solid

Date Received: 11/10/22 08:39

| 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        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 03:17       | CH      | EET MID |

Client Sample ID: S-4, 1'

Lab Sample ID: 880-21421-28

Date Collected: 11/03/22 11:15

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 01:35       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/14/22 01:01       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.01 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 03:25       | CH      | EET MID |

Client Sample ID: S-4, 3'

Lab Sample ID: 880-21421-29

Date Collected: 11/03/22 11:30

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 01:55       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/14/22 01:44       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.02 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 03:32       | CH      | EET MID |

Client Sample ID: S-4, 5'

Lab Sample ID: 880-21421-30

Date Collected: 11/03/22 11:45

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 02:16       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/14/22 02:05       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.05 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 03:39       | CH      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-3, 1'

Lab Sample ID: 880-21421-31

Date Collected: 11/03/22 12:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 03:39       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.00 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/14/22 02:27       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.95 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 03:46       | CH      | EET MID |

Client Sample ID: S-3, 3'

Lab Sample ID: 880-21421-32

Date Collected: 11/03/22 12:15

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 03:59       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/14/22 02:48       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.02 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 04:07       | CH      | EET MID |

Client Sample ID: S-3, 5'

Lab Sample ID: 880-21421-33

Date Collected: 11/03/22 12:30

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 04:20       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/14/22 03:10       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5 g            | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 04:14       | CH      | EET MID |

Client Sample ID: S-2, 1'

Lab Sample ID: 880-21421-34

Date Collected: 11/03/22 12:45

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 04:41       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-2, 1'

Lab Sample ID: 880-21421-34

Date Collected: 11/03/22 12:45

Matrix: Solid

Date Received: 11/10/22 08:39

| 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          |                |              | 39497        | 11/14/22 15:13       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39377        | 11/14/22 03:32       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.05 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 04:36       | CH      | EET MID |

Client Sample ID: S-2, 3'

Lab Sample ID: 880-21421-35

Date Collected: 11/03/22 13:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 05:01       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:46       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39375        | 11/14/22 01:44       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.99 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 04:43       | CH      | EET MID |

Client Sample ID: S-2, 5'

Lab Sample ID: 880-21421-36

Date Collected: 11/03/22 13:15

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 05:22       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:46       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39375        | 11/14/22 02:05       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.02 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 04:50       | CH      | EET MID |

Client Sample ID: S-1, 1'

Lab Sample ID: 880-21421-37

Date Collected: 11/03/22 13:30

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 05:43       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:46       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39375        | 11/14/22 02:27       | AJ      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-1, 1'

Lab Sample ID: 880-21421-37

Date Collected: 11/03/22 13:30

Matrix: Solid

Date Received: 11/10/22 08:39

| 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        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 04:57       | CH      | EET MID |

Client Sample ID: S-1, 3'

Lab Sample ID: 880-21421-38

Date Collected: 11/03/22 13:45

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 06:03       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:46       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.01 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39375        | 11/14/22 02:48       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5 g            | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 05:04       | CH      | EET MID |

Client Sample ID: S-1, 5'

Lab Sample ID: 880-21421-39

Date Collected: 11/03/22 14:00

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 06:24       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:46       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.02 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39375        | 11/14/22 03:10       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.04 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 05:11       | CH      | EET MID |

Client Sample ID: S-22, 1'

Lab Sample ID: 880-21421-40

Date Collected: 11/04/22 08:30

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39493        | 11/14/22 13:37       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39394        | 11/15/22 06:45       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 10:55       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 14:46       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.04 g        | 10 mL        | 39316        | 11/11/22 10:27       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39375        | 11/14/22 03:32       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 4.99 g         | 50 mL        | 39452        | 11/14/22 11:47       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39652        | 11/16/22 05:18       | CH      | EET MID |

Eurofins Midland

## Lab Chronicle

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

Client Sample ID: S-22, 3'

Lab Sample ID: 880-21421-41

Date Collected: 11/04/22 08:31

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39499        | 11/14/22 13:45       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39575        | 11/15/22 11:01       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 15:07       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 13:38       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.03 g        | 10 mL        | 39314        | 11/11/22 10:23       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39373        | 11/14/22 01:13       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.05 g         | 50 mL        | 39450        | 11/14/22 11:44       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39643        | 11/16/22 07:28       | CH      | EET MID |

Client Sample ID: S-22, 5'

Lab Sample ID: 880-21421-42

Date Collected: 11/04/22 08:32

Matrix: Solid

Date Received: 11/10/22 08:39

| Prep 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         | 39499        | 11/14/22 13:45       | MNR     | EET MID |
| Total/NA  | Analysis   | 8021B        |     | 1          | 5 mL           | 5 mL         | 39575        | 11/15/22 11:21       | MNR     | EET MID |
| Total/NA  | Analysis   | Total BTEX   |     | 1          |                |              | 39606        | 11/15/22 15:07       | SM      | EET MID |
| Total/NA  | Analysis   | 8015 NM      |     | 1          |                |              | 39497        | 11/14/22 13:38       | AJ      | EET MID |
| Total/NA  | Prep       | 8015NM Prep  |     |            | 10.00 g        | 10 mL        | 39314        | 11/11/22 10:23       | DM      | EET MID |
| Total/NA  | Analysis   | 8015B NM     |     | 1          | 1 uL           | 1 uL         | 39373        | 11/14/22 01:54       | AJ      | EET MID |
| Soluble   | Leach      | DI Leach     |     |            | 5.02 g         | 50 mL        | 39450        | 11/14/22 11:44       | KS      | EET MID |
| Soluble   | Analysis   | 300.0        |     | 1          |                |              | 39643        | 11/16/22 07:34       | 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: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

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: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

| 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

Eurofins Midland

## Sample Summary

Client: Larson & Associates, Inc.  
Project/Site: Select Energy-Red Tanks

Job ID: 880-21421-1  
SDG: 22-0104-05

| Lab Sample ID | Client Sample ID | Matrix | Collected      | Received       |
|---------------|------------------|--------|----------------|----------------|
| 880-21421-1   | S-13, 1'         | Solid  | 11/02/22 12:00 | 11/10/22 08:39 |
| 880-21421-2   | S-13, 3'         | Solid  | 11/02/22 12:15 | 11/10/22 08:39 |
| 880-21421-3   | S-13, 5'         | Solid  | 11/02/22 12:30 | 11/10/22 08:39 |
| 880-21421-4   | S-12, 1'         | Solid  | 11/02/22 12:45 | 11/10/22 08:39 |
| 880-21421-5   | S-12, 3'         | Solid  | 11/02/22 13:00 | 11/10/22 08:39 |
| 880-21421-6   | S-12, 5'         | Solid  | 11/02/22 13:15 | 11/10/22 08:39 |
| 880-21421-7   | S-11, 1'         | Solid  | 11/02/22 13:30 | 11/10/22 08:39 |
| 880-21421-8   | S-11, 3'         | Solid  | 11/02/22 13:45 | 11/10/22 08:39 |
| 880-21421-9   | S-11, 5'         | Solid  | 11/02/22 14:00 | 11/10/22 08:39 |
| 880-21421-10  | S-10, 1'         | Solid  | 11/02/22 14:15 | 11/10/22 08:39 |
| 880-21421-11  | S-10, 3'         | Solid  | 11/02/22 14:30 | 11/10/22 08:39 |
| 880-21421-12  | S-10, 5'         | Solid  | 11/02/22 14:45 | 11/10/22 08:39 |
| 880-21421-13  | S-9, 1'          | Solid  | 11/02/22 15:00 | 11/10/22 08:39 |
| 880-21421-14  | S-9, 3'          | Solid  | 11/02/22 15:15 | 11/10/22 08:39 |
| 880-21421-15  | S-9, 5'          | Solid  | 11/02/22 15:30 | 11/10/22 08:39 |
| 880-21421-16  | S-8, 1'          | Solid  | 11/02/22 15:45 | 11/10/22 08:39 |
| 880-21421-17  | S-8, 3'          | Solid  | 11/02/22 16:00 | 11/10/22 08:39 |
| 880-21421-18  | S-8, 5'          | Solid  | 11/02/22 16:15 | 11/10/22 08:39 |
| 880-21421-19  | S-7, 1'          | Solid  | 11/03/22 09:00 | 11/10/22 08:39 |
| 880-21421-20  | S-7, 3'          | Solid  | 11/03/22 09:15 | 11/10/22 08:39 |
| 880-21421-21  | S-7, 5'          | Solid  | 11/03/22 09:30 | 11/10/22 08:39 |
| 880-21421-22  | S-6, 1'          | Solid  | 11/03/22 09:45 | 11/10/22 08:39 |
| 880-21421-23  | S-6, 3'          | Solid  | 11/03/22 10:00 | 11/10/22 08:39 |
| 880-21421-24  | S-6, 5'          | Solid  | 11/03/22 10:15 | 11/10/22 08:39 |
| 880-21421-25  | S-5, 1'          | Solid  | 11/03/22 10:30 | 11/10/22 08:39 |
| 880-21421-26  | S-5, 3'          | Solid  | 11/03/22 10:45 | 11/10/22 08:39 |
| 880-21421-27  | S-5, 5'          | Solid  | 11/03/22 11:00 | 11/10/22 08:39 |
| 880-21421-28  | S-4, 1'          | Solid  | 11/03/22 11:15 | 11/10/22 08:39 |
| 880-21421-29  | S-4, 3'          | Solid  | 11/03/22 11:30 | 11/10/22 08:39 |
| 880-21421-30  | S-4, 5'          | Solid  | 11/03/22 11:45 | 11/10/22 08:39 |
| 880-21421-31  | S-3, 1'          | Solid  | 11/03/22 12:00 | 11/10/22 08:39 |
| 880-21421-32  | S-3, 3'          | Solid  | 11/03/22 12:15 | 11/10/22 08:39 |
| 880-21421-33  | S-3, 5'          | Solid  | 11/03/22 12:30 | 11/10/22 08:39 |
| 880-21421-34  | S-2, 1'          | Solid  | 11/03/22 12:45 | 11/10/22 08:39 |
| 880-21421-35  | S-2, 3'          | Solid  | 11/03/22 13:00 | 11/10/22 08:39 |
| 880-21421-36  | S-2, 5'          | Solid  | 11/03/22 13:15 | 11/10/22 08:39 |
| 880-21421-37  | S-1, 1'          | Solid  | 11/03/22 13:30 | 11/10/22 08:39 |
| 880-21421-38  | S-1, 3'          | Solid  | 11/03/22 13:45 | 11/10/22 08:39 |
| 880-21421-39  | S-1, 5'          | Solid  | 11/03/22 14:00 | 11/10/22 08:39 |
| 880-21421-40  | S-22, 1'         | Solid  | 11/04/22 08:30 | 11/10/22 08:39 |
| 880-21421-41  | S-22, 3'         | Solid  | 11/04/22 08:31 | 11/10/22 08:39 |
| 880-21421-42  | S-22, 5'         | Solid  | 11/04/22 08:32 | 11/10/22 08:39 |

21421 No. 2812

## CHAIN-OF-CUSTODY

|                                                                                                                                                      |                            |                                                                  |                 |                                                                                                                                                                                                              |             |
|------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------|-----------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|
|  <b>Arson &amp; Associates, Inc.</b><br>Environmental Consultants |                            | 507 N. Marienfeld, Ste. 202<br>Midland, TX 79701<br>432-687-0901 |                 | DATE <u>11/9/2022</u> PAGE <u>1</u> OF <u>3</u><br>PO# _____ LAB WORK ORDER# _____<br>PROJECT LOCATION OR NAME <u>Selkirk Energy - Red Tanks</u><br>LAI PROJECT # <u>22-0101-05</u> COLLECTOR <u>JH + AB</u> |             |
| Data Reported to                                                                                                                                     |                            | PRESERVATION                                                     |                 | ANALYSES                                                                                                                                                                                                     |             |
| TRRP report?<br><input type="checkbox"/> Yes <input checked="" type="checkbox"/> No                                                                  | S=SOIL<br>W=WATER<br>A=AIR | P=PAINT<br>SL=SLUDGE<br>OT=OTHER                                 | # of Containers | HCl                                                                                                                                                                                                          | FIELD NOTES |
| TIME ZONE<br>Time zone/State<br><u>MST / NM</u>                                                                                                      | Lab #                      | Date                                                             | Time            | Matrix                                                                                                                                                                                                       |             |
| Field Sample I D                                                                                                                                     |                            |                                                                  |                 |                                                                                                                                                                                                              |             |
| 5-12, 1'                                                                                                                                             |                            | 11/12/22                                                         | 1200            | 3                                                                                                                                                                                                            | 202         |
| 5-12, 3'                                                                                                                                             |                            |                                                                  | 1215            |                                                                                                                                                                                                              |             |
| 5-12, 5'                                                                                                                                             |                            |                                                                  | 1230            |                                                                                                                                                                                                              |             |
| 5-12, 1'                                                                                                                                             |                            |                                                                  | 1245            |                                                                                                                                                                                                              |             |
| 5-12, 3'                                                                                                                                             |                            |                                                                  | 1300            |                                                                                                                                                                                                              |             |
| 5-12, 5'                                                                                                                                             |                            |                                                                  | 1315            |                                                                                                                                                                                                              |             |
| 5-11, 1'                                                                                                                                             |                            |                                                                  | 1330            |                                                                                                                                                                                                              |             |
| 5-11, 3'                                                                                                                                             |                            |                                                                  | 1345            |                                                                                                                                                                                                              |             |
| 5-11, 5'                                                                                                                                             |                            |                                                                  | 1400            |                                                                                                                                                                                                              |             |
| 5-10, 1'                                                                                                                                             |                            |                                                                  | 1415            |                                                                                                                                                                                                              |             |
| 5-10, 3'                                                                                                                                             |                            |                                                                  | 1430            |                                                                                                                                                                                                              |             |
| 5-10, 5'                                                                                                                                             |                            |                                                                  | 1445            |                                                                                                                                                                                                              |             |
| 5-9, 1'                                                                                                                                              |                            |                                                                  | 1500            |                                                                                                                                                                                                              |             |
| 5-9, 3'                                                                                                                                              |                            |                                                                  | 1515            |                                                                                                                                                                                                              |             |
| 5-9, 5'                                                                                                                                              |                            |                                                                  | 1530            |                                                                                                                                                                                                              |             |
| TOTAL                                                                                                                                                |                            |                                                                  |                 |                                                                                                                                                                                                              |             |

  
 880-21421 Chain of Custody

|                                                   |                               |                                                   |                               |
|---------------------------------------------------|-------------------------------|---------------------------------------------------|-------------------------------|
| RECEIVED BY (Signature)<br><u>[Signature]</u>     | DATE/TIME<br><u>11/10 839</u> | RECEIVED BY (Signature)<br><u>[Signature]</u>     | DATE/TIME<br><u>11/10 839</u> |
| RELINQUISHED BY (Signature)<br><u>[Signature]</u> | DATE/TIME<br><u>11/10 839</u> | RELINQUISHED BY (Signature)<br><u>[Signature]</u> | DATE/TIME<br><u>11/10 839</u> |
| RELINQUISHED BY (Signature)<br><u>[Signature]</u> | DATE/TIME<br><u>11/10 839</u> | RELINQUISHED BY (Signature)<br><u>[Signature]</u> | DATE/TIME<br><u>11/10 839</u> |
| LABORATORY <u>Ken</u>                             |                               |                                                   |                               |

LABORATORY USE ONLY:  
 RECEIVING TEMP 57.5 THERM# 110-34  
 CUSTODY SEALS - ☐ BROKEN ☒ CONTACT ☐ NOT USED  
☐ CARRIER BILL # \_\_\_\_\_  
☒ HAND DELIVERED

21421 No. 2813  
CHAIN-OF-CUSTODY

DATE 11/9/2021 PAGE 2 OF 3  
 PO# \_\_\_\_\_ LAB WORK ORDER# \_\_\_\_\_  
 PROJECT LOCATION OR NAME Select Energy - Red Tanks  
 LAI PROJECT # 22-0104-05 COLLECTOR JH + AB

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



Data Reported to

TRRP report?  
☐ Yes ☒ No

TIME ZONE  
 Time zone/State  
MST / NM

Field  
 Sample I D

S=SOIL  
 W=WATER  
 A=AIR

P=PAINT  
 SL=SLUDGE  
 OT=OTHER

Lab #

Date

Time

Matrix

# of Containers

PRESERVATION

UNPRESERVED

ICE

H<sub>2</sub>SO<sub>4</sub> ☐ NaOH ☐

HNO<sub>3</sub>

HCl

ANALYSES

TPH 418 I ☐ TPH 1005 ☐ TPH 1006 ☐

DIESEL - MOD 8015 ☐ TPH 1005 ☐ TPH 1006 ☐

OIL - MOD 8015 ☐ TPH 1005 ☐ TPH 1006 ☐

8082 PESTICIDES ☐ PAH 8270 ☐ PAH 8270 ☐ PAH 8270 ☐

8082 PESTICIDES ☐ PAH 8270 ☐ PAH 8270 ☐ PAH 8270 ☐

FIELD NOTES

CHLORIDES ☐ AMMONIUM ☐ ALKALINITY ☐

EXPLOSIVES ☐ PENTACHLORATE ☐

BH ☐ HEXAVALENT CHROMIUM ☐

TDS ☐ TSS ☐ % MOISTURE ☐

RCI ☐ TOX ☐ FLASHPOINT ☐

LEAD - TOTAL ☐ D W 200.8 ☐ TOLUENE ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

TCU ☐ VOC ☐ SEMI-VOC ☐

LABORATORY USE ONLY:  
 RECEIVING TEMP 576.4 THERM# 11113  
 CUSTODY SEALS - ☐ BROKEN ☐ CONTACT ☐ NOT USED  
☐ CARRIER BILL # \_\_\_\_\_  
☒ HAND DELIVERED

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

RECEIVED BY (Signature) \_\_\_\_\_  
 DATE/TIME 11/10/2021  
 RECEIVED BY (Signature) \_\_\_\_\_  
 DATE/TIME \_\_\_\_\_  
 RECEIVED BY (Signature) \_\_\_\_\_  
 DATE/TIME \_\_\_\_\_

RELINQUISHED BY (Signature) \_\_\_\_\_  
 DATE/TIME \_\_\_\_\_  
 RELINQUISHED BY (Signature) \_\_\_\_\_  
 DATE/TIME \_\_\_\_\_  
 RELINQUISHED BY (Signature) \_\_\_\_\_  
 DATE/TIME \_\_\_\_\_

LABORATORY Neuro

21421 No. 2814

# CHAIN-OF-CUSTODY

DATE 11/19/2014 PAGE 3 OF 3  
PO# \_\_\_\_\_ LAB WORK ORDER# \_\_\_\_\_  
PROJECT LOCATION OR NAME Select Energy - Red Tanks  
LAI PROJECT # 22-004-05 COLLECTOR: TH + AB

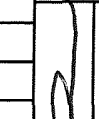
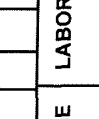
507 N. Marienfeld, Ste. 202  
Midland, TX 79701  
432-687-0901

**Arson & Associates, Inc.**  
Environmental Consultants

Data Reported to

| TRRP report? |    | S=SOIL<br>W=WATER<br>A=AIR |          | P=PAINT<br>SL=SLUDGE<br>OT=OTHER |        | # of Containers | PRESERVATION |                  |                                |      | ANALYSES | FIELD NOTES |
|--------------|----|----------------------------|----------|----------------------------------|--------|-----------------|--------------|------------------|--------------------------------|------|----------|-------------|
| Yes          | No |                            |          |                                  |        |                 | HCl          | HNO <sub>3</sub> | H <sub>2</sub> SO <sub>4</sub> | NaOH |          |             |
| TIME ZONE    |    | Lab #                      | Date     | Time                             | Matrix |                 |              |                  |                                |      |          |             |
| MST / NM     |    |                            | 11/13/00 | 1200                             | S      | 1               | X            | X                | X                              | X    | X        |             |
| 5-3, 1'      |    |                            |          | 1215                             |        |                 |              |                  |                                |      |          |             |
| 5-3, 3'      |    |                            |          | 1230                             |        |                 |              |                  |                                |      |          |             |
| 5-3, 5'      |    |                            |          | 1245                             |        |                 |              |                  |                                |      |          |             |
| 5-2, 1'      |    |                            |          | 1300                             |        |                 |              |                  |                                |      |          |             |
| 5-2, 3'      |    |                            |          | 1315                             |        |                 |              |                  |                                |      |          |             |
| 5-2, 5'      |    |                            |          | 1330                             |        |                 |              |                  |                                |      |          |             |
| 5-1, 1'      |    |                            |          | 1345                             |        |                 |              |                  |                                |      |          |             |
| 5-1, 3'      |    |                            |          | 1400                             |        |                 |              |                  |                                |      |          |             |
| 5-4, 5'      |    |                            |          |                                  |        |                 |              |                  |                                |      |          |             |
| 5-2, 1'      |    |                            | 11/14/00 | 0830                             |        |                 |              |                  |                                |      |          |             |
| 5-2, 3'      |    |                            |          | 0831                             |        |                 |              |                  |                                |      |          |             |
| 5-2, 5'      |    |                            |          | 0832                             |        |                 |              |                  |                                |      |          |             |
| TOTAL        |    |                            |          |                                  |        |                 |              |                  |                                |      |          |             |

Loc: 880  
 21421

RECEIVED BY (Signature)  DATE/TIME 11/10/00 839  
 RECEIVED BY (Signature)  DATE/TIME 11/10/00 839  
 RECEIVED BY (Signature)  DATE/TIME 11/10/00 839  
 RECEIVED BY (Signature)  DATE/TIME 11/10/00 839

TRRP report? Yes ☐ No ☒  
 TIME ZONE MST / NM  
 Field Sample ID  
 5-3, 1'  
 5-3, 3'  
 5-3, 5'  
 5-2, 1'  
 5-2, 3'  
 5-2, 5'  
 5-1, 1'  
 5-1, 3'  
 5-4, 5'  
 5-2, 1'  
 5-2, 3'  
 5-2, 5'

LABORATORY Xerox

## Login Sample Receipt Checklist

Client: Larson &amp; Associates, Inc.

Job Number: 880-21421-1

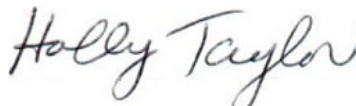
SDG Number: 22-0104-05

**Login Number: 21421****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**

Generated  
11/16/2022 3:53:58 PM

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

**Appendix F**  
**Photographs**

Tracking Number: nRM2008756964  
Delineation Report and Remediation Plan  
Red Tanks, Select Energy Services, LLC  
Produced Water Releases  
January 11, 2023



Spill area viewing northeast, April 16, 2020



Spill area viewing southeast, April 16, 2020

Tracking Number: nRM2008756964  
Delineation Report and Remediation Plan  
Red Tanks, Select Energy Services, LLC  
Produced Water Releases  
January 11, 2023



Spill area viewing southeast, April 16, 2020



Spill area viewing west, April 16, 2020

Tracking Number: nRM2008756964  
Delineation Report and Remediation Plan  
Red Tanks, Select Energy Services, LLC  
Produced Water Releases  
January 11, 2023



Spill area viewing northwest, April 16, 2020

**District I**  
1625 N. French Dr., Hobbs, NM 88240  
Phone:(575) 393-6161 Fax:(575) 393-0720  
**District II**  
811 S. First St., Artesia, NM 88210  
Phone:(575) 748-1283 Fax:(575) 748-9720  
**District III**  
1000 Rio Brazos Rd., Aztec, NM 87410  
Phone:(505) 334-6178 Fax:(505) 334-6170  
**District IV**  
1220 S. St Francis Dr., Santa Fe, NM 87505  
Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS  
  
Action 175472

CONDITIONS

|                                                                                  |                                                           |
|----------------------------------------------------------------------------------|-----------------------------------------------------------|
| Operator:<br>SELECT ENERGY SERVICES, LLC<br>PO Box 1715<br>Gainesville, TX 76240 | OGRID:<br>289068                                          |
|                                                                                  | Action Number:<br>175472                                  |
|                                                                                  | Action Type:<br>[C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition                  | Condition Date |
|------------|----------------------------|----------------|
| jnobui     | Remediation Plan Approved. | 2/1/2023       |