

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

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

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

| | |
|----------------|----------------|
| Incident ID | NCS-1905249442 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | | | |
|-------------------------|---------------------------------|------------------------------|----------------|
| Responsible Party | Enduring Resources | OGRID | 372286 |
| Contact Name | James McDaniel | Contact Telephone | 505-444-3004 |
| Contact email | jmcdaniel@enduringresources.com | Incident # (assigned by OCD) | NCS-1905249442 |
| Contact mailing address | 200 Energy Court | Farmington, New Mexico | 87401 |

Location of Release Source

Latitude 36.151204 Longitude -107.570666
(NAD 83 in decimal degrees to 5 decimal places)

| | | | |
|-------------------------|----------------------|----------------------|--------------|
| Site Name | N Escavada Unit 315H | Site Type | Wellsite |
| Date Release Discovered | 2/17/2019 | API# (if applicable) | 30-043-21888 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|----------|
| L | 10 | 22N | 7W | Sandoval |

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 checked="" type="checkbox"/> Crude Oil | Volume Released (bbls) 300 BBLS | Volume Recovered (bbls) 100 BBLS |
| <input checked="" type="checkbox"/> Produced Water | Volume Released (bbls) 1,100 BBLS | Volume Recovered (bbls) 0 BBLS |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input checked="" 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

On 2/17/2019, a contractor noticed a release coming from a damaged 6" transfer line that was transferring flowback liquids to the WEU 300H Recycling Facility. The line had an integrity failure, releasing approximately 1,400 bbls of flowback liquids into the bar ditch along the road. Approximately 300 bbls of the liquid was oil, and the remaining 1,100 bbls of liquid was produced water (based on percentages that were being seen in the flowback tanks). The flowback fluid then traveled along the bar ditch and into a small drainage feature, heading away from the location. The fluids flowed in the drainage feature for approximately 1.4 miles, before entering a larger, unnamed tributary of Escavada Wash. The total release path distance was 1.66 miles. A dam was built at the end of the spill area, stopping the downstream migration. Cleanup activities are underway.

Form C-141

State of New Mexico
Oil Conservation Division

Page 2

| | |
|----------------|----------------|
| Incident ID | NCS-1905249442 |
| District RP | |
| Facility ID | |
| Application ID | |

| | |
|---|---|
| Was this a major release as defined by 19.15.29.7(A) NMAC? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No | If YES, for what reason(s) does the responsible party consider this a major release? The volume of fluids released is 1,400 bbls, and the volume was released into a small, unnamed wash. For these reasons, the release is considered to be a major release. |
| If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? Notice was provided to Cory Smith, NMOCD, at 8:30 PM on 2/17/2019 via phone call. A follow-up email was sent on 2/17/2019 at 11:48 PM. | |

Initial Response

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

| | |
|--|------------------|
| <input checked="" type="checkbox"/> The source of the release has been stopped. <input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment. <input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices. <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: Due to access issues in the drainage and wash areas, recovery of free liquids is still on-going. A freshwater flush has been scheduled to begin on 2/26/2019 to capture as much free liquid as possible. | |
| 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: _____ |
| <u>OCD Only</u> Received by: _____ Date: _____ | |

Form C-141
Page 3

State of New Mexico
Oil Conservation Division

| | |
|----------------|----------------|
| Incident ID | NCS-1905249442 |
| 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? | _____ (ft bgs) |
| Did this release impact groundwater or surface water? | <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse? | <input checked="" type="checkbox"/> Yes <input 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 not 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 1/2-mile of the lateral extents of the release
- Boring or excavation logs
- Photographs including date and GIS information
- Topographic/Aerial maps
- Laboratory data including chain of custody

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

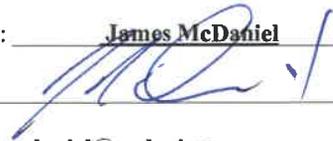
Form C-141

State of New Mexico
Oil Conservation Division

Page 4

| | |
|----------------|----------------|
| Incident ID | NCS-1905249442 |
| District RP | |
| Facility ID | |
| Application ID | |

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

Printed Name: James McDaniel Title: HSE Supervisor
 Signature:  Date: 9/30/2019
 email: jmcdaniel@enduringresources.com Telephone: 505-444-3004

OCD Only

Received by: _____ Date: _____

Form C-141
Page 5

State of New Mexico
Oil Conservation Division

| | |
|----------------|----------------|
| Incident ID | NCS-1905249442 |
| District RP | |
| Facility ID | |
| Application ID | |

Remediation Plan

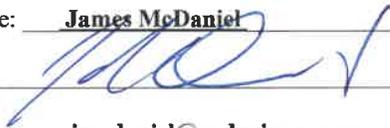
Remediation Plan Checklist: *Each of the following items must be included in the plan.*

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

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

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

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

Printed Name: James McDaniel Title: HSE Supervisor
 Signature:  Date: 9/30/2019
 email: jmcdaniel@enduringresources.com Telephone: 505-444-3004

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

Form C-141
Page 6

State of New Mexico
Oil Conservation Division

| | |
|----------------|----------------|
| Incident ID | NCS-1905249442 |
| District RP | |
| Facility ID | |
| Application ID | |

Closure

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

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

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

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

Printed Name: James McDaniel Title: HSE Supervisor
 Signature:  Date: 9/30/2019
 email: jmcdaniel@enduringresources.com Telephone: 505-444-3004

OCD Only

Received by: OCD Date: 12/19/19

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

Closure Approved by:  Date: 8/3/2020
 Printed Name: Cory Smith Title: Environmental Specialist



REPORT OF FINAL SAMPLING & CLOSURE REQUEST

**NEU #315H Release Response
API # 30-043-21888
NMOCD Incident # NCS1905249442
Sandoval County, New Mexico**

December 13, 2019

Prepared for:

**ENDURING RESOURCES, LLC
Sandoval County, New Mexico**

Prepared by:

**LT ENVIRONMENTAL, INC.
848 East Second Avenue
Durango, Colorado 81301
970.385.1096**





REPORT OF FINAL SAMPLING & CLOSURE REQUEST

NEU #315H Release Response
Sandoval County, New Mexico

Project Number: 077919003

Prepared by:

A handwritten signature in blue ink that reads "D. Burns".

Daniel Burns
LTE Project Geologist

December 13, 2019

Date

Reviewed by:

A handwritten signature in black ink that reads "Ashley L. Ager".

Ashley Ager, M.S., P.G.
LTE Vice Principal

December 13, 2019

Date



DISTRIBUTION LIST

New Mexico Oil Conservation Division
Bureau of Indian Affairs, Federal Indian Minerals Office
Navajo Nation Environmental Protection Agency
United States Environmental Protection Agency Region IX
Bureau of Land Management
United States Army Corps of Engineers
Enduring Resources, LLC
LT Environmental, Inc.



TABLE OF CONTENTS

1.0 INTRODUCTION1-1

2.0 BACKGROUND2-1

3.0 SITE CHARACTERIZATION AND REGULATORY STANDARDS3-1

 3.1 *Regulatory Agencies*..... 3-1

 3.2 *Regulatory Standards and Criteria*..... 3-1

 3.3 *SAP/QAPP*..... 3-1

 3.4 *Potential Receptors*..... 3-2

4.0 REMEDIATION ACTIVITIES4-1

 4.1 *Dam Construction* 4-1

 4.2 *Flushing* 4-1

 4.3 *Oil Absorbent Booms/Pads* 4-1

 4.4 *Runoff Inspections and Surface Water Sampling*..... 4-1

 4.5 *Soil and Vegetation Removal* 4-2

 4.6 *Hydrovacuum Truck Recovery*..... 4-2

 4.7 *Unmanned Aerial Vehicle Flights* 4-2

5.0 CONFIRMATION SOIL SAMPLING5-1

 5.1 *Initial Sampling Results*..... 5-1

 5.1.1 *Additional Soil Removal* 5-2

 5.2 *Second Report of Soil Sampling Results* 5-2

 5.2.1 *Dam Deconstruction and Additional Soil Removal* 5-3

 5.2.2 *Biological Amendment Application*..... 5-3

 5.3 *Third Report of Soil Sampling Results* 5-3

 5.3.1 *Additional Soil Removal and Hydrovacuum Activities* 5-4

 5.4 *Fourth Report of Soil Sampling Results* 5-4

 5.4.1 *Secondary Biological Amendment Application*..... 5-4

6.0 IN SITU REMEDIATION AND FINAL CONFIRMATION SOIL SAMPLING6-5

 6.1 *Confirmation Soil Sampling*..... 6-5

 6.2 *Confirmation Soil Sample Analytical Results*..... 6-5

7.0 DEVIATIONS FROM SAP/QAPP7-6

8.0 CONCLUSION AND REQUEST FOR CLOSURE.....8-7





TABLE OF CONTENTS (continued)

FIGURES

| | |
|-----------|----------------------------|
| FIGURE 1 | SITE LOCATION MAP |
| FIGURE 2 | RECEPTOR MAP |
| FIGURE 3 | SITE MAP |
| FIGURE 4 | RELEASE EXTENT |
| FIGURE 5 | SAMPLING MAP LAYOUT |
| FIGURE 6 | SOIL SAMPLING LOCATIONS #1 |
| FIGURE 7 | SOIL SAMPLING LOCATIONS #2 |
| FIGURE 8 | SOIL SAMPLING LOCATIONS #3 |
| FIGURE 9 | SOIL SAMPLING LOCATIONS #4 |
| FIGURE 10 | SOIL SAMPLING LOCATIONS #5 |

TABLES

| | |
|---------|------------------------------------|
| TABLE 1 | SURFACE WATER ANALYTICAL RESULTS |
| TABLE 2 | SOIL SAMPLING LOG |
| TABLE 3 | SOIL ANALYTICAL RESULTS |
| TABLE 4 | QUALITY CONTROL ANALYTICAL RESULTS |

APPENDICES

| | |
|------------|-------------------------------|
| APPENDIX A | PHOTOGRAPHIC LOG |
| APPENDIX B | LABORATORY ANALYTICAL REPORTS |





1.0 INTRODUCTION

LT Environmental, Inc. (LTE), on behalf of Enduring Resources, LLC (Enduring) presents this report of final soil sampling results and a formal request for closure for the NEU #315H production well release (Site). This is the fifth and final report documenting remediation and soil sampling activities conducted in response to a release of 1,400 barrels (bbls) of flowback fluids on February 17, 2019. Based on the results presented in this report, Enduring has successfully completed spill response and remediation throughout the entirety of the impacted areas within the release footprint. Extensive soil removal and *in situ* remediation via biological amendment applications have been successful in the previously impacted areas and continued monitoring is no longer required. Enduring is respectfully requesting that a No Further Action Status be granted for the NEU #315H.



2.0 BACKGROUND

On February 17, 2019, a release occurred during flowback operations at the NEU #315H oil and natural gas production well located on the Nacimiento Formation outcrop east-southeast of Escavada Wash in the northwest quarter of the southwest quarter (Unit L) of Section 10, Township 22 North, Range 7 West, Sandoval County, New Mexico, approximately 7.5 miles southwest of Counselor, New Mexico (Figure 1). The Site and associated release footprint are within the exterior boundaries of the Navajo Reservation, but on fee surface (Indian Allotted). A cam lock on an aboveground flowline outside of the well pad containment berm failed, resulting in flowback liquids flowing offsite and under an access road through culverts to an area of level topography where the fluids ran as sheet flow until channeling into a nearby drainage. This unnamed drainage is a second-order tributary to Escavada Wash, located approximately 1.25 miles east-northeast. Approximately 1,400 bbls of flowback fluids from the wellbore were released, of which 300 bbls were estimated to be crude oil. The released liquids travelled approximately 5,500 feet down the wash until an emergency dam was built by hand for containment. The dam held temporarily, but meltwater associated with snow on the ground eventually broke the dam and fluids migrated past a confluence of the second-order tributary into a first-order tributary of Escavada Wash. Another dam was constructed downgradient of the confluence for containment.

Emergency release response activities began immediately with fluid recovery, boom deployment, and construction of six underflow dams to divert fluid flow and minimize the release footprint. A flushing event was proposed and initially conducted but aborted after higher temperatures caused significant runoff in the release footprint. Daily inspections of the entire length of the affected washes were conducted to map the most downgradient observable evidence of impacted soil, vegetation, and/or sheen. Once melt runoff subsided and containment was confirmed, Enduring initiated remediation and worked with regulatory agencies to develop a confirmation sampling plan. A New Mexico Oil Conservation Division (NMOCD) Release Notification Form C-141 was prepared and provided by Enduring to the NMOCD and all other regulatory agencies.



3.0 SITE CHARACTERIZATION AND REGULATORY STANDARDS

Wellstream fluids as defined in New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (19.15.29.7) were released from the wellbore during flowback operations and included a combination of produced water and crude oil. Releases of well stream fluids are regulated by the NMOCD under 19.15.29 NMAC and contaminants of concern are identified in Table 1 of 19.15.29.12 NMAC as benzene, toluene, ethylbenzene, and total xylenes (BTEX), total petroleum hydrocarbons (TPH – the total sum of gasoline range organics [GRO], diesel range organics [DRO], and motor oil range organics [MRO]), and chloride.

3.1 Regulatory Agencies

Due to the location of the Site and the release path into a wash, multiple regulatory agencies were involved in the oversight and enforcement of remediation efforts. The lease surface area is part of the Eastern Navajo allotted tribal land, so the Bureau of Indian Affairs (BIA) - Federal Indian Minerals Office (FIMO), the Navajo Nation Environmental Protection Agency (NNEPA), and the United States Environmental Protection Agency (EPA) Region IX were involved. As the release path flowed into a navigable surface water, the United States Army Corps of Engineers (USACE) also assumed jurisdiction of the release in the wash extent. Since the impacted wash tributary eventually flows into bodies of water on federally-owned land, the Bureau of Land Management (BLM) was also involved. As the release was a result of oil and natural gas activity within the state, the NMOCD is in charge of the final approval of closure status of the release.

3.2 Regulatory Standards and Criteria

Based on presumed depth to groundwater and, in accordance with 19.15.29.12 NMAC, Table 1, *Closure Criteria for Soils Impacted by a Release*, the following apply:

- 10 milligrams per kilogram (mg/kg) benzene;
- 50 mg/kg total benzene, BTEX;
- 100 mg/kg TPH; and
- 600 mg/kg chloride.

All regulatory agencies involved mutually agreed to adhere to the NMAC Table 1 criteria and did not institute any additional regulatory standards or additional contaminants of concern.

3.3 SAP/QAPP

In order to follow the EPA data quality objective processes, a Sampling Analysis Plan (SAP) was drafted to establish the project organization, project goals, data objectives, data criteria, data collection, quality assurance, and sampling analysis for the remediation activities following the release. In addition to the SAP, a Quality Assurance Project Plan (QAPP) was drafted and submitted to the regulatory agencies for review on April 19, 2019. All regulatory agencies replied and approved the submitted SAP and QAPP by April 23, 2019.



3.4 Potential Receptors

The unnamed first and second order tributaries immediately affected by the release eventually feed into the Escavada Wash and ultimately the San Juan River. Depth to groundwater is estimated to be less than 50 feet below ground surface (bgs) in the most downgradient portions of the release footprint. The nearest permitted domestic water well to the release extent, as defined by the most downgradient extent of observed soil staining (SJ-02508, owned by Mr. Cash A. Carruth) is approximately 3.8 miles to the southwest and has a total depth of 20 feet bgs recorded in drilling logs. The nearest spring is located approximately 4.1 miles southwest of the release extent. The nearest continuously flowing water is the San Juan River, approximately 40 miles to the north. Other than water resources, the nearest potential receptor is a permanent residence approximately 2,900 feet south of the release extent. Potential receptors are identified on Figure 2.



4.0 REMEDIATION ACTIVITIES

Since the initial discovery of the release on February 17, 2019, a concerted effort to halt impact migration and remediate impact to soil has taken place at the Site. A chronological description of remediation efforts is described below. Previously submitted reports, including the SAP, include extensive details of release response activities not described in this section. The SAP additionally describes and characterizes the release footprint. A photographic log depicting various remediation activities is included as Appendix A.

4.1 Dam Construction

Following the immediate emergency response actions conducted after the release discovery, several underflow dams were constructed throughout the second- and first-order tributaries to Escavada Wash to minimize migration of well stream fluids further downstream. A total of six underflow dams (Dams 1, 2, 3A, 3B, 4, and 5) were constructed with native fill material and reinforced with sandbags and impermeable plastic lining. The locations of the dams are presented on Figure 3. Dams were routinely inspected and repaired/reinforced as necessary, primarily after precipitation and wash runoff events. Any pooled liquids were recovered via vacuum truck and hydro-vacuuming.

4.2 Flushing

Enduring proposed flushing the affected wash with freshwater to displace oil from areas in the wash that were still frozen or covered in snow from recent precipitation. On February 26, 2019, approximately 240 bbls of freshwater were released into an area above the channelized release footprint. However, the flushing activities were soon aborted due to increasing temperatures resulting in accelerated snowmelt and naturally-running wash conditions.

4.3 Oil Absorbent Booms/Pads

Oil absorbent booms were placed across the wash in numerous areas and absorbent pads were placed in areas with standing liquids (Figure 3). The booms and pads were routinely inspected and replaced once they were saturated. There were six sections of oil absorbent booms extending across the entire width of the first-order tributary installed downgradient of Dam 5. Additionally, a SwiftWater® oil containment boom was installed downgradient of Dam 5 to divert any petroleum hydrocarbons to a central collection point comprised of oil absorbent booms.

4.4 Runoff Inspections and Surface Water Sampling

During, or immediately after runoff events, LTE inspected the entire length of the affected washes, including 4.75 miles downgradient of Dam 5 as far as the County Road 7900 bridge crossing. Inspections included mapping the most downgradient observable evidence of impacted soil, vegetation, and/or sheen. Visual observations consisted of globules of crude oil on vegetation or soil and discolored soil. Impacted soil was mapped and scheduled for removal. Results of those inspections are presented on Figure 4.

If sufficient runoff water was present in the wash, a surface water sample was collected downgradient of Dam 5. Water samples were submitted to Pace Analytical Services, LLC (Pace Analytical) of Mount Juliet,



Tennessee, for analysis of BTEX by EPA Method 8015 and chloride by EPA Method 300.0. Laboratory analytical results of water samples collected below the last dam are summarized in Table 1. Complete laboratory analytical reports are included in Appendix B.

4.5 Soil and Vegetation Removal

Following runoff and sufficient drying within the wash extent, the areas with visibly observable surficial impacts were marked for removal. Crews were dispatched into the washes to remove visibly impacted soil and vegetation via hand digging and excavation using skid steers.

From March 6 to March 26, 2019, a total of 2,200 cubic yards of soil were removed via excavation, and a total of 1,342 bbls of sludge (runoff containing impacted soil) was removed from the washes and underflow dam areas. Impacted soil, vegetation, and sludge were loaded and transported for disposal at the Envirotech Landfarm (Envirotech) south of Bloomfield in San Juan County, New Mexico.

Additional excavation events occurred following soil sampling and are described in subsequent sections of this report.

4.6 Hydrovacuum Truck Recovery

Between the initial release response date and April 19, 2019, a total of 3,900 bbls of liquids were recovered from the wash and underflow dam areas by vacuum truck or hydrovacuum. Recovered liquids were transported to a nearby Enduring wastewater recycling facility where solids and liquids were separated via settling and the remaining impacted liquids were hauled for disposal to Agua Moss in Bloomfield, New Mexico.

Following additional precipitation events, vacuum trucks were used to recover any liquids with sheen or foam accumulating upgradient of the dams. Liquids were also recovered from the dam areas to expedite soil drying for soil sampling and remediation efforts.

4.7 Unmanned Aerial Vehicle Flights

Throughout the course of the project, unmanned aerial vehicles were used to fly over the release extent and collect data. Digital elevation topography and orthomosaic aerial imagery were created to help track soil volumes removed during remediation activities.



5.0 CONFIRMATION SOIL SAMPLING

After submittal and approval of the SAP and QAPP, LTE conducted soil sampling to assess residual impact to soil associated with the release. In accordance with the approved SAP and QAPP, the total impacted surface area within the release footprint was segmented into 2,000-square foot areas using global positioning system (GPS) and field measurements (Figures 5 to 10). Each segmented area was marked with labeled wooden stakes and flagging in preparation for sampling. Once the wash was deemed sufficiently dry to sample after recent precipitation events, a 48-hour notification for sampling was provided to the regulatory agency contacts.

5.1 Initial Sampling Results

On April 29, 2019, LTE personnel were on site to collect confirmation and site characterization soil samples per the approved SAP and QAPP. Representatives from the NMOCD and BLM (also representing FIMO) were present to witness sampling procedures and to identify any additional discrete sample locations based on visual observations. A total of 113 ten-point composite surface area samples, 52 discrete soil boring samples, and seven discrete grab samples were collected, including all proposed field duplicate samples. The samples were handled and transported under chain-of-custody procedures to Hall Environmental Analysis Laboratory (Hall) in Albuquerque, New Mexico for analysis of BTEX, TPH-GRO, TPH-DRO, TPH-MRO, and chloride.

On May 8, 2019, eight additional samples were collected once additional drying occurred in the wash. This sampling event was witnessed by the NMOCD, BLM, and FIMO. The samples were collected and submitted under previously described and approved methods per the SAP and QAPP.

A complete soil sampling log (listing sample ID, collection time, field headspace result, lithology, and any observable petroleum hydrocarbon discoloration or odor) for each sample is attached as Table 2. Soil analytical results are summarized in Table 3. Results from the quality control samples are presented in Table 4. Complete analytical reports are included in Appendix B.

Analytical results indicated all samples were compliant with NMOCD Table 1 Closure Criteria for benzene, BTEX, and chloride. The following samples were not compliant with NMOCD Table 1 Closure Criteria for TPH concentration:

| Sample ID | TPH Concentration (mg/kg) |
|-------------------------|---------------------------|
| SA-007 | 120 |
| SA-055 | 6,250 |
| SA-060 | 534 |
| SA-C (SA-060 Duplicate) | 339 |
| SA-078 | 136 |
| SA-081 | 184 |
| SA-104 | 310 |
| SB-097-01 | 307 |
| GR-07 | 5,946 |



A complete description and summary of the results from the initial sampling event was described in the *Initial Soil Sampling Results* update letter report submitted to all involved parties on May 20, 2019. Additional soil removal and subsequent soil sampling was proposed in that report and was approved by all regulatory agencies by May 29, 2019.

5.1.1 Additional Soil Removal

Following approval of the initial soil sampling results, additional soil removal activities began on June 5, 2019, in the areas where recalcitrant TPH concentrations existed. Crews were dispatched to remove additional soil via hand digging, skid steer, and backhoe, while LTE geologists provided excavation oversight and field screening. Through June 10, 2019, an additional total of 545 cubic yards of impacted material was removed. Regulatory agencies were given 48-hour notification and a subsequent confirmation soil sampling event was scheduled for June 13, 2019.

5.2 Second Report of Soil Sampling Results

On June 13, 2019, LTE personnel were on site to collect confirmation soil samples per the approved SAP and QAPP. Representatives from the NMOCD and FIMO were present to witness sampling procedures and to identify any additional discrete sample locations based on visual observations. A total of six ten-point composite surface area samples, three new discrete soil boring samples, and one discrete grab sample were collected, plus two field duplicate samples and three field blanks. Additionally, four excavation confirmation soil samples were collected from the area below the culvert area across from the production pad. Subsurface impacts warranted deeper excavation and regulators on site agreed to sample the excavation with NMOCD standard five-point composites along the sidewall and base of the excavation floor. Two five-point sidewall and two five-point floor confirmation soil samples were collected. No additional samples were requested by the regulatory representatives on site. All samples were collected, handled, and submitted for analysis to Hall under previously described methods per the approved SAP and QAPP.

Analytical results indicated all samples were compliant with NMOCD Table 1 Closure Criteria for benzene, BTEX, and chloride. The following samples were not compliant with NMOCD Table 1 Closure Criteria for TPH concentration:

| Sample ID | TPH Concentration (mg/kg) |
|-----------|---------------------------|
| SA-104R | 426 |
| GR-07R | 1,275 |
| EX-FS01 | 595.7 |

A complete description and summary of the results from the second sampling event was described in the *Second Report of Soil Sampling Results* update letter report submitted to all involved parties on June 26, 2019. At this time, LTE proposed additional soil removal of the impacted soil in the wash surface and at the culvert excavation, as well as deconstructing the dams and removing any impacted materials below the temporary dams. LTE also proposed applying a biological amendment on the residually impacted cut bank area between dams 3A and 3B as a means of in-situ remediation. This was proposed as result of the extensive amount of clean overburden requiring removal and the natural hydrologic deconstruction that



would have occurred if the cut bank area was excavated mechanically. The proposed additional remediation activities were approved by all regulatory agencies by July 3, 2019.

5.2.1 Dam Deconstruction and Additional Soil Removal

After receiving approval of the proposed additional remediation activities, LTE personnel and the construction contractor were on site to begin dam deconstruction and additional soil removal from July 9 to July 17, 2019. Another 862 cubic yards of impacted material, along with an additional 65 bbls of liquids were removed from the remaining affected areas and dam areas. Regulatory agencies were given 48-hour notification and a subsequent confirmation soil sampling event was scheduled for July 19, 2019.

5.2.2 Biological Amendment Application

On July 12, 2019, LTE personnel were on site to apply approximately 500 gallons of a three percent solution of Micro-Blaze® to the area where a visible lens of hydrocarbon staining in the cut bank of the wash near dams 3A and 3B. The liquid mixture was applied using a high-flow two-inch centrifugal pump and a pressurized sprayer nozzle to maximize penetration and saturation into the lens to promote biodegradation and in-situ remediation.

5.3 Third Report of Soil Sampling Results

On July 19, 2019, LTE personnel were on site to collect confirmation soil samples per the approved SAP and QAPP in areas that previously exceeded NMOCD Table 1 Closure Criteria for TPH and in areas that were previously saturated or where temporary dams were previously located. Representatives from the NMOCD and FIMO were present to witness sampling procedures and to identify any additional discrete sample locations based on visual observations. A total of seven ten-point composite surface area samples, ten discrete soil boring samples, and one five-point excavation floor confirmation soil samples were collected, plus two field duplicate samples and three field blanks. No additional samples were requested by the regulatory representatives on site. All samples were collected, handled, and submitted for analysis to Hall under previously described methods per the approved SAP and QAPP.

Analytical results indicated all samples were compliant with NMOCD Table 1 Closure Criteria for benzene, BTEX, and chloride. The following samples were not compliant with NMOCD Table 1 Closure Criteria for TPH concentration:

| Sample ID | TPH Concentration (mg/kg) |
|-----------|---------------------------|
| SB-106-01 | 514 |
| EX-FS01R | 710 |

A complete description and summary of the results from the second sampling event was described in the *Third Report of Soil Sampling Results* update letter report submitted to all involved parties on July 31, 2019. Based on the most recent soil sampling results, LTE proposed additional soil removal via excavation and hydrovacuum activities with continued oversight and field screening until another confirmation sampling event was warranted. LTE also continued monitoring the wash cut bank area where the biological amendment was applied. The proposed remediation activities were approved by all regulatory agencies and confirmation sampling event was scheduled for August 2, 2019.



5.3.1 Additional Soil Removal and Hydrovacuum Activities

Following receipt of the analytical results from the July 19, 2019, sampling event, LTE and the construction contractor immediately began additional soil removal activities in the area around Dam 1. A hydrovacuum truck was used for additional soil removal efforts in the excavation area below the culvert due to nearby high-pressure underground utilities. An additional total of 273 cubic yards of impacted soil and 195 bbls of liquids were removed from the remaining affected areas. Regulatory agencies were given 48-hour notification and a subsequent confirmation soil sampling event was scheduled for August 2, 2019.

5.4 Fourth Report of Soil Sampling Results

On August 2, 2019, LTE personnel were on site to collect more confirmation soil samples that previously exceeded NMOCD Table 1 Closure Criteria for TPH. In addition, a discrete soil sample was collected in the area where Micro-Blaze® amendment was applied. A representative from the BLM was present to witness sampling procedures and to identify any additional discrete sample locations based on visual observations. One discrete soil boring sample and one five-point excavation floor confirmation soil sample were collected, plus one field duplicate and three field blanks. No additional samples were requested by the regulatory representatives on site. All samples were collected, handled, and submitted for analysis to Hall under previously described methods per the approved SAP and QAPP.

Analytical results indicate all confirmation samples collected were compliant with NMOCD Table 1 Closure Criteria for benzene, BTEX, TPH, and chloride. One discrete soil sample exceeded NMOCD Table 1 Closure Criteria concentrations for TPH:

| Sample ID | TPH Concentration (mg/kg) |
|-----------|---------------------------|
| GR-07RR | 2,627 |

A complete description and summary of the results from the second sampling event is described in the *Fourth Report of Soil Sampling Results* update letter report submitted to all involved parties on August 16, 2019. LTE recommended a secondary application of the biological amendment to enhance in-situ remediation of the recalcitrant petroleum hydrocarbons present in the wash cut bank.

5.4.1 Secondary Biological Amendment Application

On August 13, 2019, LTE personnel were on site to apply approximately 500 gallons of a three percent solution of Micro-Blaze® to the visible lens of hydrocarbon staining in the cut bank of the wash near dams 3A and 3B. The solution was applied in the same manner as previously described. Additionally, several borings throughout the impacted interval were drilled using a hammer-drill and a one-inch diameter, 13-inch long auger bit to create perforations for the amendment to penetrate the impacted interval deeper. Following the second application, LTE recommended allowing the Micro-Blaze® amendment additional time for biological activation before confirmation sampling.



6.0 IN SITU REMEDIATION AND FINAL CONFIRMATION SOIL SAMPLING

LTE proposed *in situ* remediation of the residual impacts in the wash cut bank area between dams 3A and 3B by application of Micro-Blaze[®], an EPA emergency response-approved proprietary blend of wetting agents, nutrients, and non-pathogenic bacteria, to the impacted soil via mechanical spray application. The biological amendment works in conjunction with the native conditions to enhance natural degradation, using oxygen from the ambient air, natural microbes, supplemental microbes, and supplemental electron acceptors. The microbes promote hydrocarbon degradation and site remediation through metabolic processes, where the microbes oxidize organic compounds to release energy, build cellular material, and promote cellular processes. The amendment allows the petroleum hydrocarbons to release from the sorbed state in the soil pore matrix, to be broken down into smaller species, to dissolve in the amendment and supplemental water, and promotes a biological oxidation reaction until there are no petroleum hydrocarbons remaining in the soil.

There were two applications of the biological amendment, for an approximate total of 1,000 gallons of three percent solution applied to the impacted interval in the wash cut bank area between dams 3A and 3B. LTE periodically field screened the impacted interval to monitor the progress of the biodegradation. After field screening and analytical results indicated a significant decline in observable petroleum hydrocarbon impacts in the wash cut bank interval, a confirmation soil sampling event was scheduled for September 4, 2019, after providing the regulatory agencies 48-hour notification.

6.1 Confirmation Soil Sampling

On September 4, 2019, LTE personnel were on site to collect a discrete soil sample from the interval in the wash cut bank area between dams 3A and 3B. Representatives from the NMOCD and BLM were present to witness sampling procedures and to identify any additional discrete sample locations based on visual observations. Only one discrete grab sample was collected from the previously impacted area, plus three field blanks. No additional samples were requested by the regulatory representatives on site. All samples were collected, handled, and submitted for analysis to Hall under previously described methods per the approved SAP and QAPP.

6.2 Confirmation Soil Sample Analytical Results

Analytical results indicate the discrete soil sample collected on September 4, 2019, from the previously impacted interval in the wash cut bank is compliant with NMOCD Table 1 Closure Criteria for benzene, BTEX, TPH, and chloride.

A complete soil sampling log (listing sample ID, collection time, field headspace result, lithology, and any observable petroleum hydrocarbon discoloration or odor) for each sample is attached as Table 2. Soil analytical results are summarized in Table 3. Results from the quality control samples are presented in Table 4. Complete analytical reports are included in Appendix B.



7.0 DEVIATIONS FROM SAP/QAPP

The following summarizes any noted deviations from the SAP or QAPP:

- Prior to the initial sampling event, the impacted wash extent was segmented into approximate 2,000 square foot areas using GPS. An estimated 108 areas were projected to be sampled in the SAP. Upon preparing the wash for the initial sampling event, surface and topographic conditions such as bends in the wash, dictated shortening or extending segments as necessary. In total, there were actually 111 areas of approximately 2,000 square feet that were sampled;
- There was no designated nomenclature described in the SAP for samples that were collected again in the same location or area as samples that had previously exceeded NMOCD Table 1 Closure Criteria. For samples that were collected again, an "R" was added to the end of the sample identification. If a sample was collected multiple times an additional "R" was added each time. For example, discrete grab sample "GR-07RR" is the second sample collected, the third overall, of grab sample number seven; and
- The trip blanks were not labeled as described in the SAP. The courier service offered by the laboratory analytical contractor supplied a trip blank with each cooler delivered during each sampling event and the laboratory labeled each sample as "Trip Blank." To differentiate between the numerous sampling events and trip blanks collected, a sequential alphabetic character was added to each trip blank submitted. For example, the quality control sample "Trip Blank D" was the fourth trip blank sample collected.



8.0 CONCLUSION AND REQUEST FOR CLOSURE

Based on the soil laboratory analytical results, Enduring has removed the impacts to soil from the affected wash area as a result of the release that occurred on February 17, 2019. A total of 3,880 cubic yards of impacted soil were removed and hauled for disposal. A total of 5,502 bbls of liquids were removed during remediation activities. Approximately 1,000 gallons of three percent solution of Micro-Blaze® biological amendment was applied to enhance biodegradation for *in situ* remediation of recalcitrant petroleum hydrocarbons in the wash cut bank area.

Due to the extensive remediation efforts and according to the confirmation soil sampling results indicating all samples collected comply with 19.15.29.12 NMAC, Table 1, *Closure Criteria for Soils Impacted by a Release*, Enduring respectfully requests that a No Further Action status be granted to this Site. As remediation activities have ceased at the Site and in the affected wash areas, reclamation efforts are already underway in close coordination with FIMO. Reclamation will be addressed by Enduring with the appropriate regulatory agencies under separate cover.

FIGURES



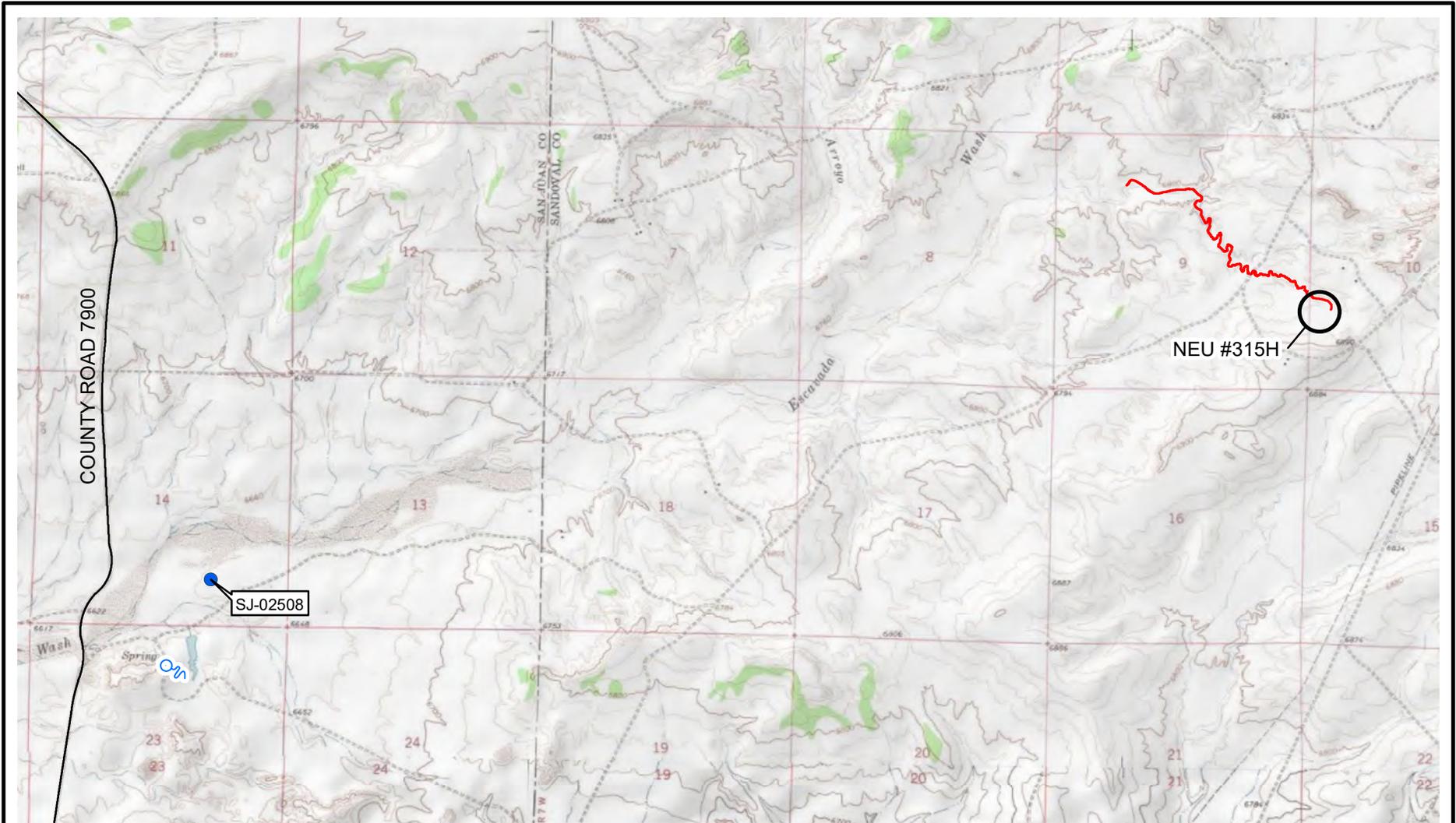


IMAGE COURTESY OF ESRI/USGS

LEGEND

-  SITE LOCATION
-  SPRING
-  WATER WELL
-  RELEASE PATH

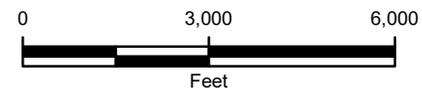


FIGURE 1
SITE LOCATION MAP
 NEU #315H
 SEC 9 & 10 T22N R7W
 SANDOVAL COUNTY, NEW MEXICO
 ENDURING RESOURCES, LLC



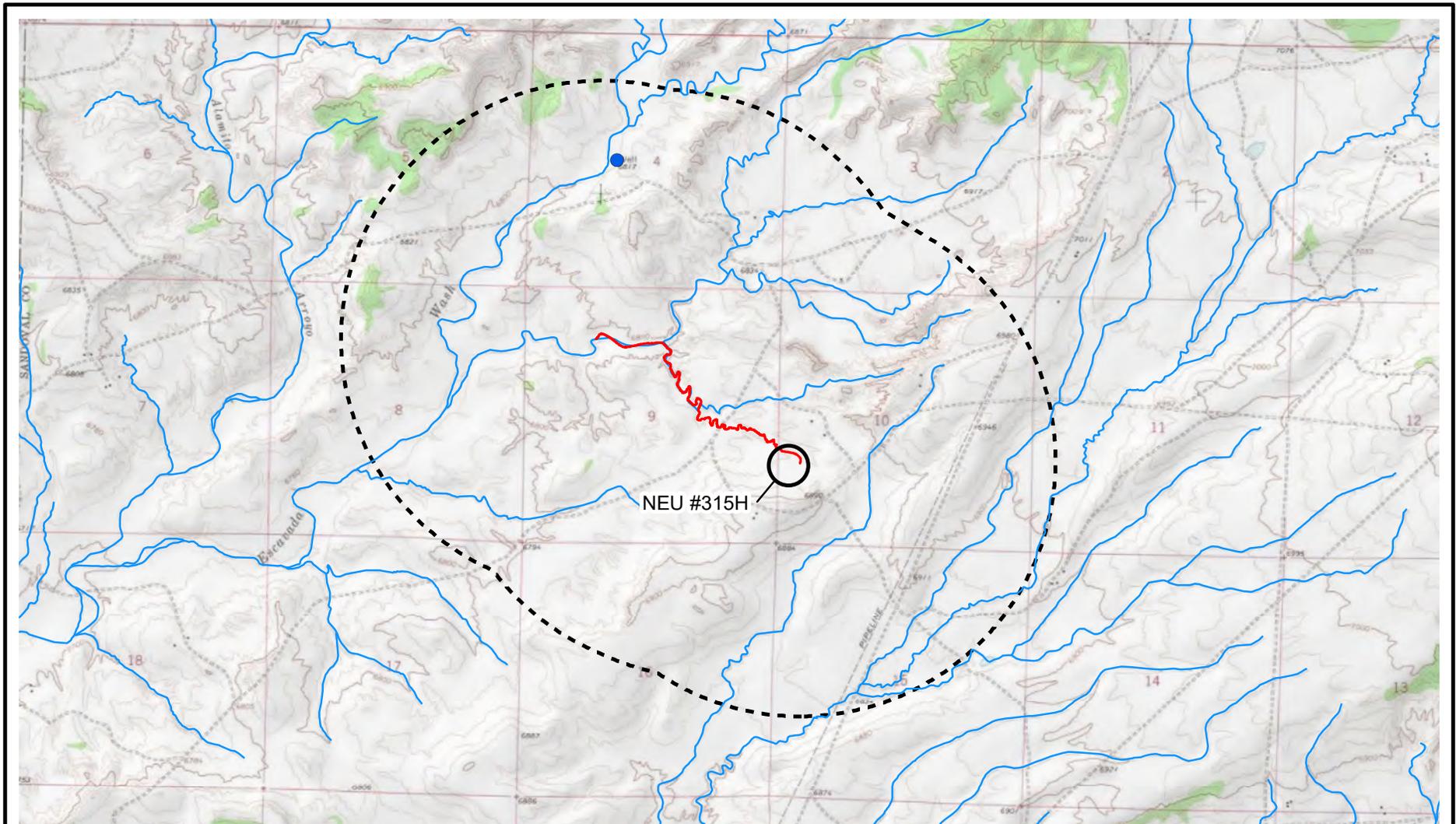


IMAGE COURTESY OF ESRI/USGS

LEGEND

-  SITE LOCATION
-  UNKNOWN WELL
-  RELEASE PATH
-  NATIONAL HYDROGRAPHY DATASET SURFACE WATER FEATURE
-  RELEASE 1 MILE RADIUS

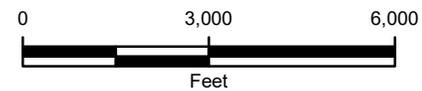
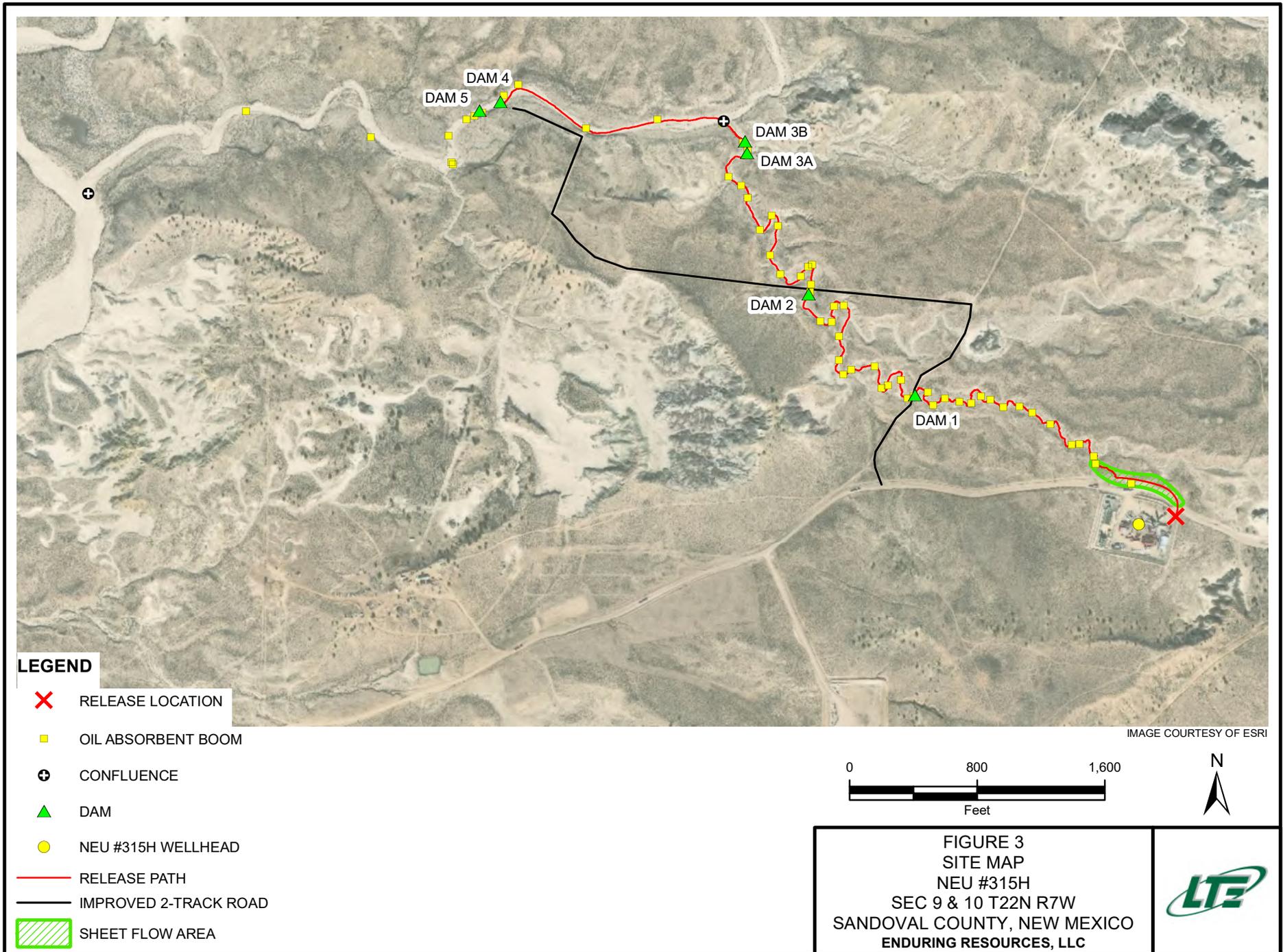
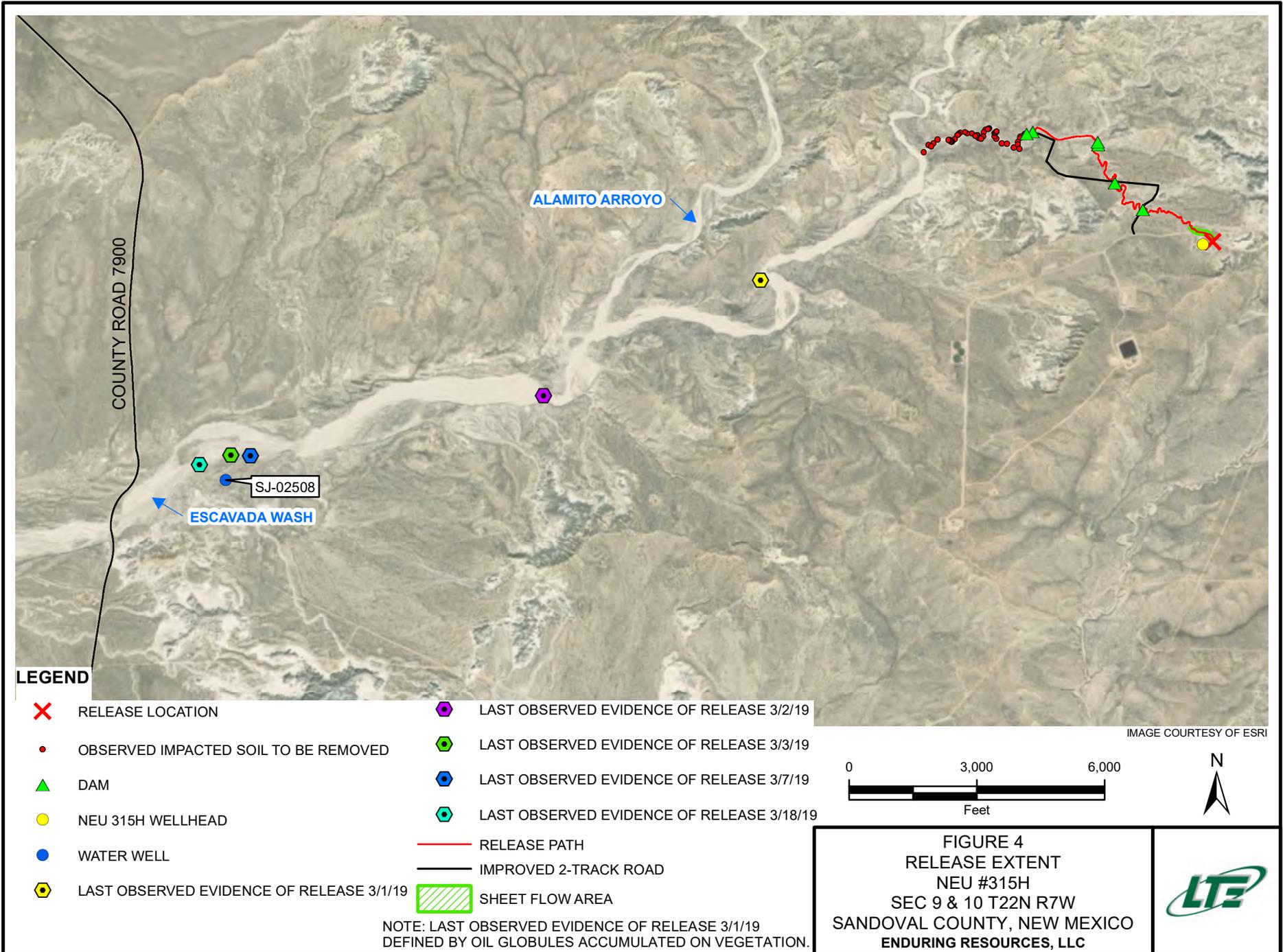
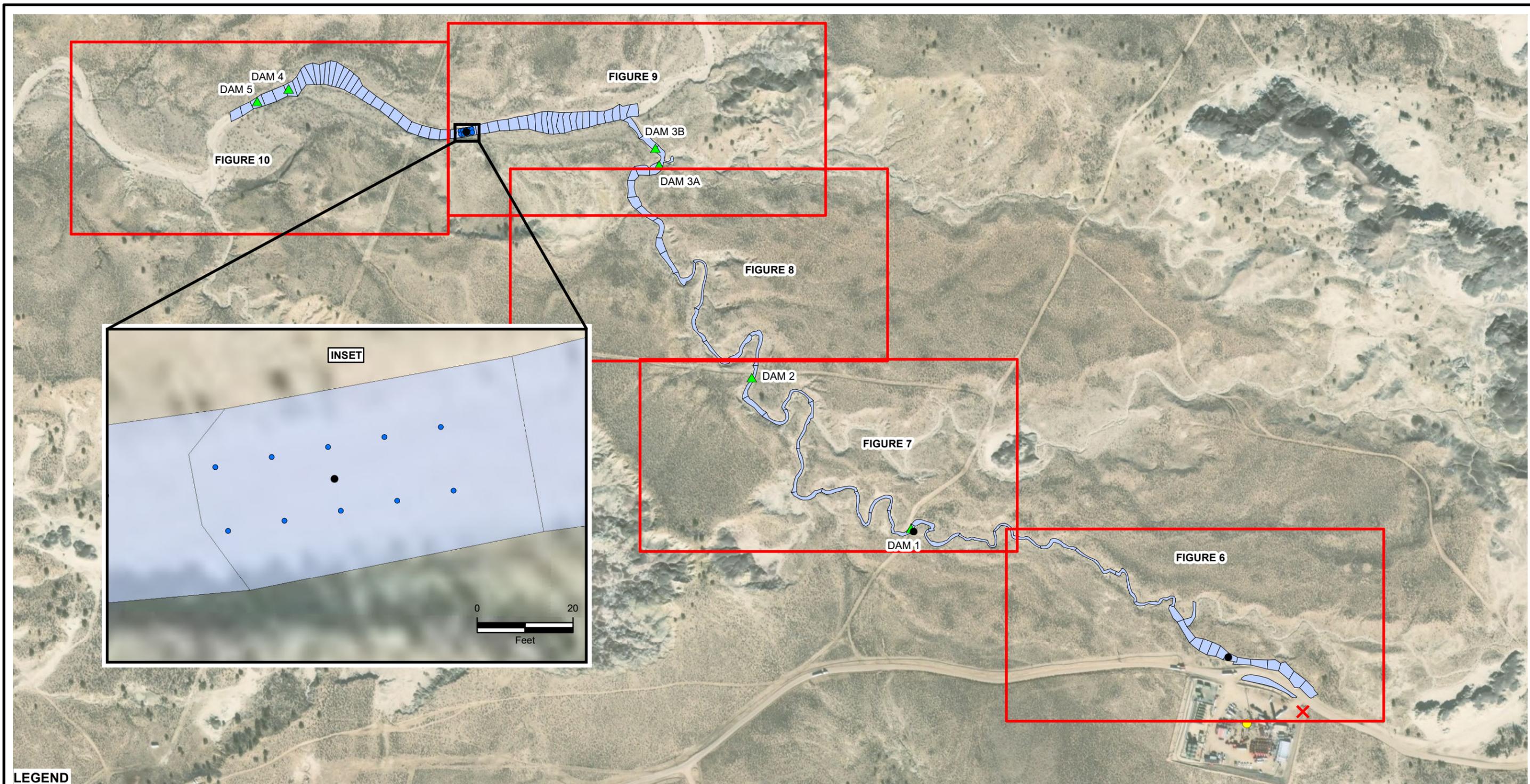


FIGURE 2
RECEPTOR MAP
NEU #315H
SEC 9 & 10 T22N R7W
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC









LEGEND

- X RELEASE LOCATION
- COMPOSITE SOIL SAMPLE ALIQUOT
- DISCRETE SOIL BORING
- ▲ DAM
- NEU #315H WELLHEAD
- SAMPLING AREA (APPROXIMATELY 2,000 SQUARE FEET)

MAP EXTENT

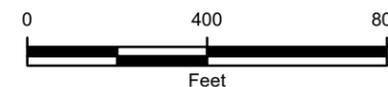
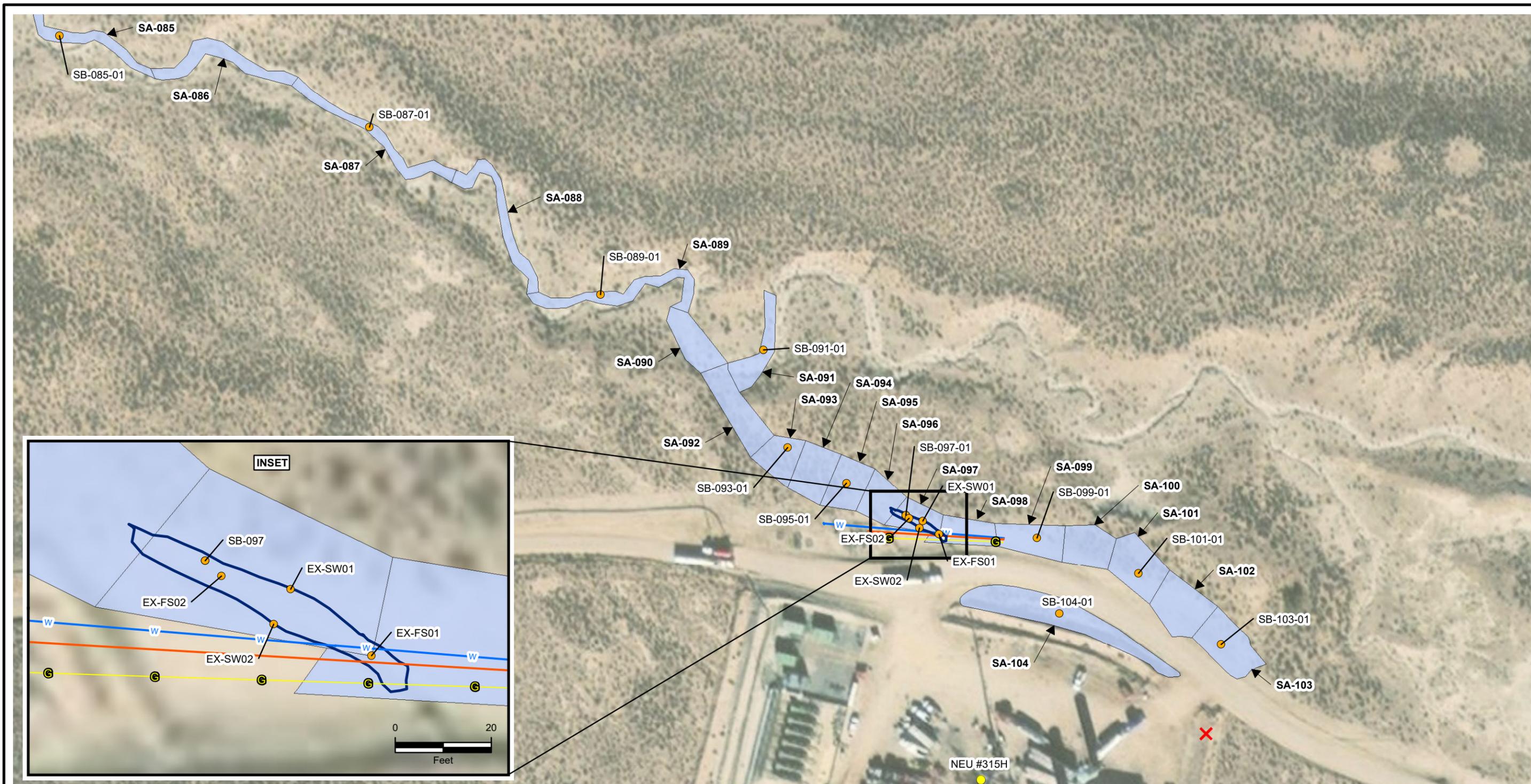


IMAGE COURTESY OF ESRI

FIGURE 5
SAMPLING MAP LAYOUT
 NEU #315H
 SEC 9 & 10 T22N R7W
 SANDOVAL COUNTY, NEW MEXICO
 ENDURING RESOURCES, LLC





LEGEND

| | | | |
|--|----------------------|--|---|
| | RELEASE LOCATION | | GAS LINE |
| | SAMPLE LOCATION | | OIL LINE |
| | DISCRETE SOIL BORING | | WATER LINE |
| | DAM | | TRENCH EXCAVATION |
| | NEU #315H WELLHEAD | | SAMPLING AREA (APPROXIMATELY 2,000 SQUARE FEET) |

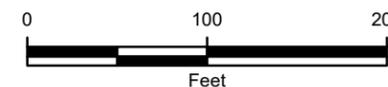


FIGURE 6
SOIL SAMPLING LOCATIONS #1
 NEU #315H
 SEC 9 & 10 T22N R7W
 SANDOVAL COUNTY, NEW MEXICO
 ENDURING RESOURCES, LLC





LEGEND

- X RELEASE LOCATION
- SAMPLING AREA (APPROXIMATELY 2,000 SQUARE FEET)
- SAMPLE LOCATION
- DISCRETE SOIL BORING
- ▲ DAM
- NEU #315H WELLHEAD

IMAGE COURTESY OF ESRI

0 100 200

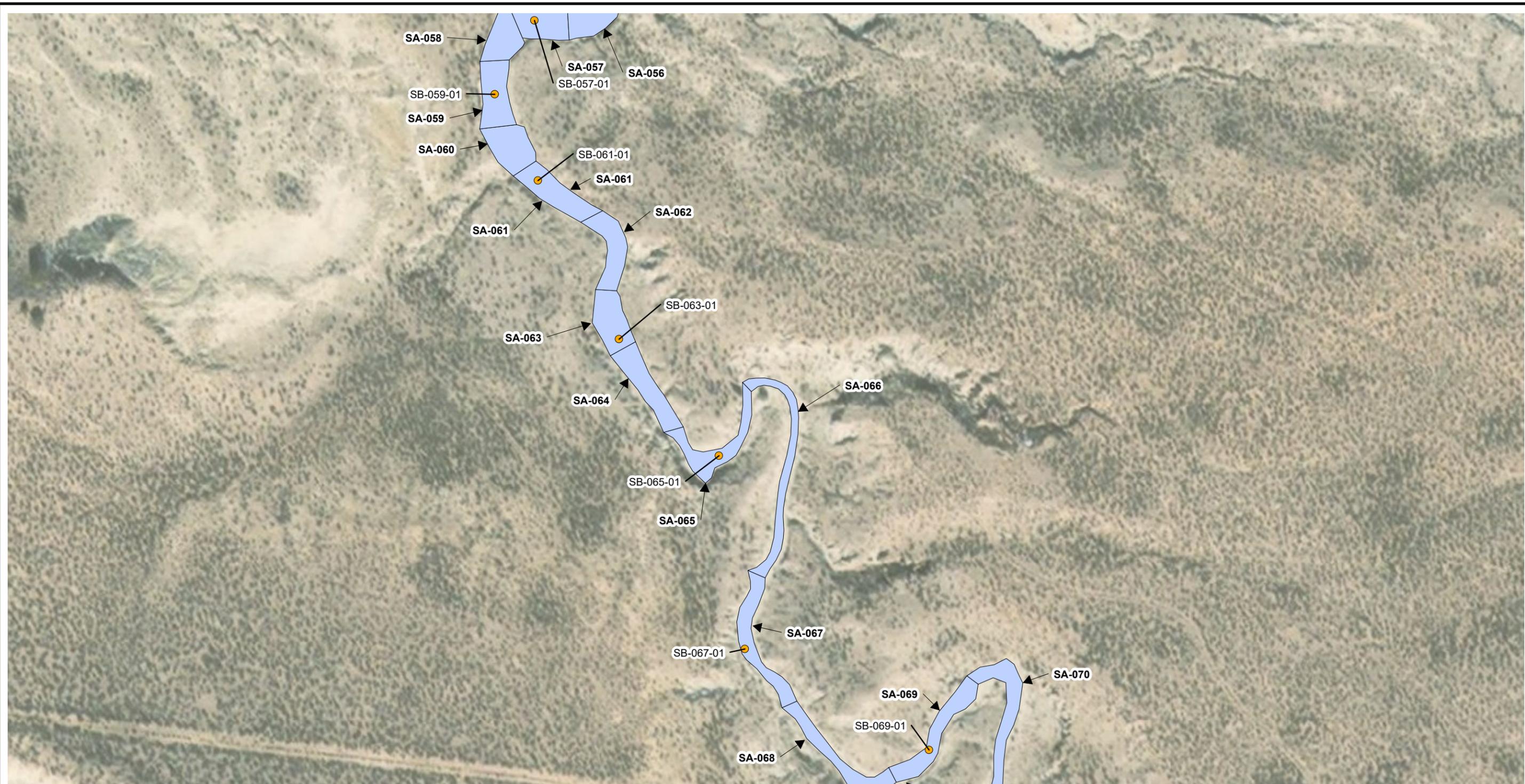
Feet

N

FIGURE 7
SOIL SAMPLING LOCATIONS #2
 NEU #315H
 SEC 9 & 10 T22N R7W
 SANDOVAL COUNTY, NEW MEXICO
 ENDURING RESOURCES, LLC



P:\Enduring Resources\GIS\MXD\077919003_NEU 315H\077919003_FIG06-10_SOIL SAMPLE_LOC_ALL_MB.mxd



LEGEND

- ✕ RELEASE LOCATION
- SAMPLING AREA (APPROXIMATELY 2,000 SQUARE FEET)
- SAMPLE LOCATION
- DISCRETE SOIL BORING
- ▲ DAM
- NEU #315H WELLHEAD

IMAGE COURTESY OF ESRI

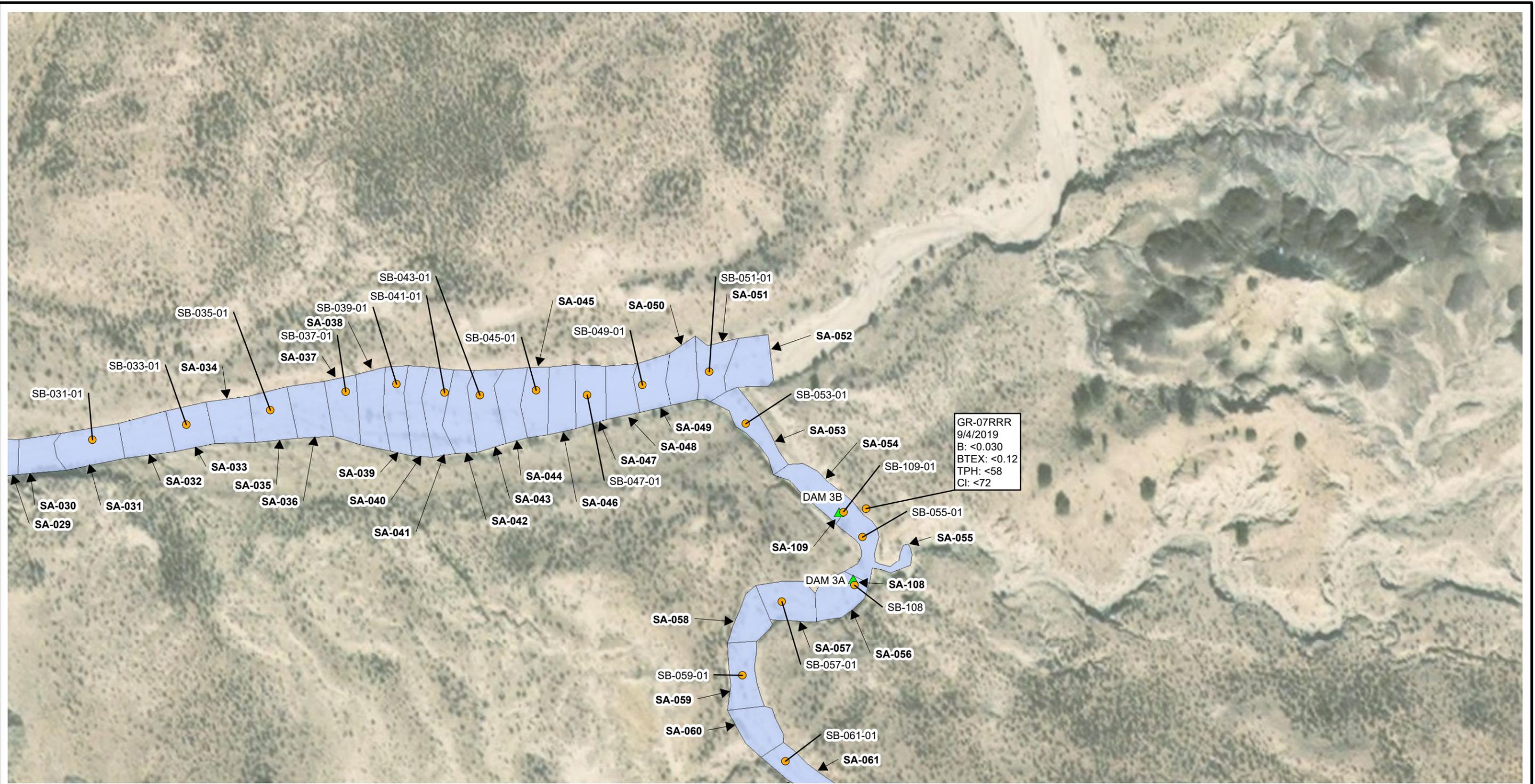
0 100 200

Feet

N

FIGURE 8
SOIL SAMPLING LOCATIONS #3
 NEU #315H
 SEC 9 & 10 T22N R7W
 SANDOVAL COUNTY, NEW MEXICO
 ENDURING RESOURCES, LLC





GR-07RRR
 9/4/2019
 B: <0.030
 BTEX: <0.12
 TPH: <58
 Cl: <72

- LEGEND**
- ✕ RELEASE LOCATION
 - SAMPLING AREA (APPROXIMATELY 2,000 SQUARE FEET)
 - SAMPLE LOCATION
 - ▲ DAM
 - NEU #315H WELLHEAD

SAMPLE ID
 SAMPLE DATE
 B: BENZENE (mg/kg)
 BTEX: BENZENE, TOLUENE, ETHYLBENZENE, AND
 TOTAL XYLENES (mg/kg)
 TPH: TOTAL PETROLEUM HYDROCARBONS (mg/kg)
 Cl: CHLORIDE (mg/kg)
BOLD: RESULTS EXCEED NMOCD CLOSURE CRITERIA
 NMOCD – NEW MEXICO OIL CONSERVATION DIVISION

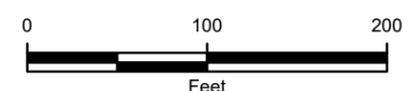
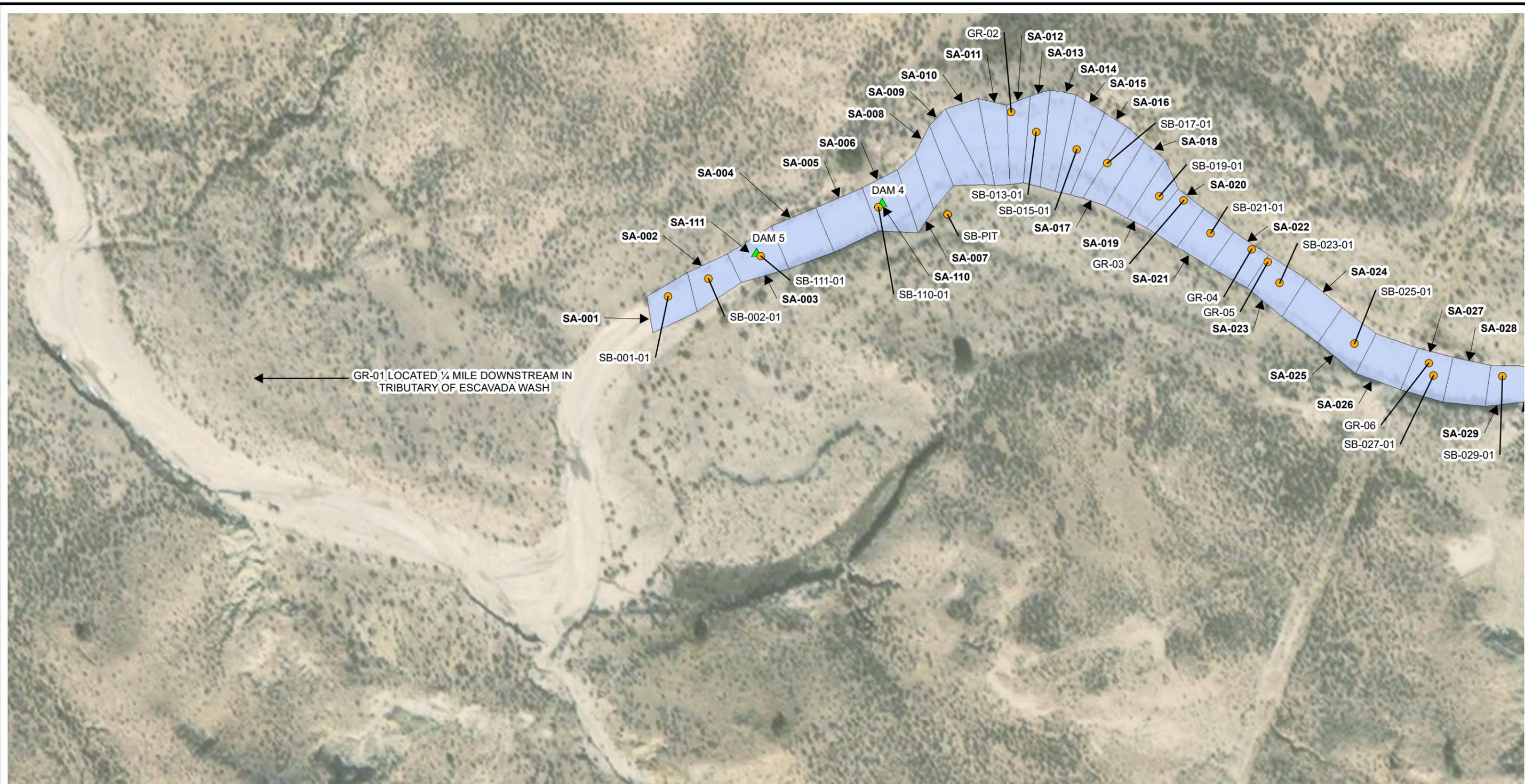


FIGURE 9
SOIL SAMPLING LOCATIONS #4
 NEU #315H
 SEC 9 & 10 T22N R7W
 SANDOVAL COUNTY, NEW MEXICO
 ENDURING RESOURCES, LLC



P:\Enduring Resources\GIS\MXD\077919003_NEU 315H\077919003_FIG06-10_SOIL SAMPLE_LOC_ALL_MB.mxd



LEGEND

- X RELEASE LOCATION
- SAMPLE LOCATION
- ▲ DAM
- NEU #315H WELLHEAD
- SAMPLING AREA (APPROXIMATELY 2,000 SQUARE FEET)

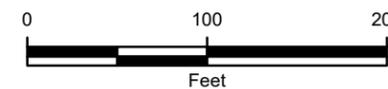


IMAGE COURTESY OF ESRI

FIGURE 10
SOIL SAMPLING LOCATIONS #5
 NEU #315H
 SEC 9 & 10 T22N R7W
 SANDOVAL COUNTY, NEW MEXICO
 ENDURING RESOURCES, LLC



TABLES



**TABLE 1
SURFACE WATER ANALYTICAL RESULTS**

**NEU #315H RELEASE RESPONSE
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE NAME | SAMPLE DATE | BENZENE (µg/L) | TOLUENE (µg/L) | ETHYL-BENZENE (µg/L) | TOTAL XYLENES (µg/L) | CHLORIDE (mg/L) |
|------------------------|--------------------|-----------------------|-----------------------|-----------------------------|-----------------------------|------------------------|
| WS-01 | 3/1/2019 | <0.500 | 2.06 | 0.996 | 7.67 | NA |
| WS-02 | 3/3/2019 | <0.500 | <1.00 | <0.500 | <1.50 | 1.63 |
| WS-03 | 3/4/2019 | <1.00 | <2.00 | <1.00 | <3.00 | 9.23 |
| WS-04 | 3/5/2019 | <1.00 | <2.00 | <1.00 | <3.00 | 21.5 |
| WS-05 | 3/12/2019 | <1.00 | <2.00 | <1.00 | <3.00 | 16.8 |
| WS-06 | 3/13/2019 | <1.00 | <2.00 | <1.00 | <3.00 | 20.0 |
| WS-07 | 3/14/2019 | <0.500 | <1.00 | <0.500 | <1.50 | 17.7 |
| WS-08 | 3/15/2019 | <0.500 | <1.00 | <0.500 | <1.50 | 23.5 |
| WS-09 | 3/16/2019 | <0.500 | <1.00 | <0.500 | <1.50 | 29.6 |
| NMWQCC Standard | | 10 | 750 | 750 | 620 | 620 |

NOTES:

µg/L - micrograms per liter

mg/L - milligrams per liter

NMWQCC - New Mexico Water Quality Control Commission

NA - not analyzed

< - indicates result is less than the stated laboratory reporting limit

Bold indicates value exceeds stated NMWQCC standard

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|--|-----------|-------|--------------|-------------------|--|---------------------|----------------------------|
| <i>10-Point Composite Surface Soil Samples</i> | | | | | | | |
| SA-001 | 4/29/2019 | 15:05 | 0.3 | 0.5 | Light brown medium-coarse sand | Moist | No |
| SA-002 | 4/29/2019 | 15:03 | 0.0 | 0.5 | Light brown medium-coarse sand | Moist | No |
| SA-003 | 5/8/2019 | 10:45 | 1.0 | 0.5 | Dark brown sand with clay, some gravel | Moist | No |
| SA-004 | 5/8/2019 | 10:38 | 16.2 | 0.5 | Dark brown sand with clay | Very moist | No |
| SA-005 | 5/8/2019 | 10:32 | 4.2 | 0.5 | Dark brown sand with clay | Very moist | No |
| SA-006 | 4/29/2019 | 16:52 | 3.0 | 0.5 | Light brown medium-coarse sand | Moist | No |
| SA-007 | 4/29/2019 | 16:56 | 0.1 | 0.5 | Light brown medium-coarse sand with silt | Moist | No |
| SA-007R | 6/13/2019 | 12:00 | 24.6 | 0.5 | Brown medium clayey sand with silt | Very moist | No |
| SA-008 | 4/29/2019 | 15:07 | 0.0 | 0.5 | Light brown medium-coarse sand with silt | Moist | No |
| SA-009 | 4/29/2019 | 17:00 | 48.3 | 0.5 | Light brown medium-coarse sand with silt | Moist | No |
| SA-010 | 4/29/2019 | 16:50 | 0.9 | 0.5 | Light brown medium-coarse sand with clay | Moist | No |
| SA-011 | 4/29/2019 | 15:00 | 0.5 | 0.5 | Light brown medium-coarse sand with clay | Moist | No |
| SA-012 | 4/29/2019 | 15:06 | 0.8 | 0.5 | Light brown medium-coarse sand with clay | Moist | No |
| SA-013 | 4/29/2019 | 16:47 | 0.1 | 0.5 | Light brown medium-coarse sand with clay | Moist | No |
| SA-014 | 4/29/2019 | 16:40 | 1.4 | 0.5 | Light brown medium-coarse sand with clay | Moist | No |
| SA-015 | 4/29/2019 | 16:53 | 0.1 | 0.5 | Light brown medium-coarse sand with clay | Moist | No |
| SA-016 | 4/29/2019 | 16:36 | 3.7 | 0.5 | Light brown medium-coarse sand with silt | Moist | No |
| SA-017 | 4/29/2019 | 16:34 | 3.6 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-018 | 4/29/2019 | 16:43 | 0.3 | 0.5 | Light brown medium-coarse sand | Moist | No |
| SA-019 | 4/29/2019 | 16:08 | 0.1 | 0.5 | Dark brown medium-coarse sand | Moist | No |

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|-----------|-----------|-------|-----------|----------------|---|------------------|-------------------------|
| SA-020 | 4/29/2019 | 16:07 | 0.0 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-E | 4/29/2019 | 16:07 | 0.0 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-021 | 4/29/2019 | 16:20 | 1.5 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-022 | 4/29/2019 | 15:59 | 0.9 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-023 | 4/29/2019 | 15:56 | 0.4 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-024 | 4/29/2019 | 15:55 | 0.0 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-025 | 4/29/2019 | 15:50 | 1.1 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-026 | 4/29/2019 | 14:58 | 0.4 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-027 | 4/29/2019 | 15:41 | 0.0 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-028 | 4/29/2019 | 15:39 | 0.0 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-029 | 4/29/2019 | 15:37 | 0.9 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-030 | 4/29/2019 | 15:37 | 2.0 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-031 | 4/29/2019 | 15:30 | 0.0 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-032 | 4/29/2019 | 15:33 | 0.0 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-033 | 4/29/2019 | 15:27 | 1.4 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-034 | 4/29/2019 | 15:24 | 1.1 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-035 | 4/29/2019 | 15:19 | 0.0 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-036 | 4/29/2019 | 15:16 | 0.3 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-037 | 4/29/2019 | 15:13 | 0.0 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-038 | 4/29/2019 | 15:06 | 0.0 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-039 | 4/29/2019 | 15:05 | 0.0 | 0.5 | Brown medium-coarse sand | Moist | No |

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|-----------|-----------|-------|-----------|----------------|---|------------------|-------------------------|
| SA-040 | 4/29/2019 | 15:05 | 0.0 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-D | 4/29/2019 | 15:05 | 0.0 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-041 | 4/29/2019 | 15:01 | 0.1 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-042 | 4/29/2019 | 14:53 | 0.2 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-043 | 4/29/2019 | 14:52 | 0.0 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-044 | 4/29/2019 | 14:49 | 0.5 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-045 | 4/29/2019 | 14:48 | 0.5 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-046 | 4/29/2019 | 14:39 | 0.2 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-047 | 4/29/2019 | 14:40 | 0.5 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-048 | 4/29/2019 | 14:33 | 0.0 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-049 | 4/29/2019 | 14:34 | 0.0 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-050 | 4/29/2019 | 14:37 | 0.1 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-051 | 4/29/2019 | 14:42 | 0.1 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-052 | 4/29/2019 | 14:31 | 0.7 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-053 | 4/29/2019 | 14:15 | 0.0 | 0.5 | Dark green clay, traces of sand | Moist | No |
| SA-054 | 4/29/2019 | 14:18 | 1.0 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-055 | 4/29/2019 | 14:15 | 233.0 | 0.5 | Brown medium-coarse sand | Moist | Strong |
| SA-055R | 6/13/2019 | 11:40 | 105.0 | 0.5 | Light brown silty sand | Dry | Slight |
| SA-056 | 4/29/2019 | 14:03 | 14.6 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-057 | 4/29/2019 | 14:19 | 8.4 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-058 | 4/29/2019 | 14:04 | 6.7 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|-----------|-----------|-------|-----------|----------------|---|------------------|-------------------------|
| SA-059 | 4/29/2019 | 14:00 | 2.8 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-060 | 4/29/2019 | 13:51 | 1,201 | 0.5 | Brown fine-medium silty sand | Moist | Strong |
| SA-C | 4/29/2019 | 13:53 | 1,201 | 0.5 | Brown fine-medium silty sand | Moist | Strong |
| SA-060R | 6/13/2019 | 11:25 | 15 | 0.5 | Brown, medium sand with silt | Dry | No |
| SA-061 | 4/29/2019 | 13:45 | 0.6 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-062 | 4/29/2019 | 13:44 | 13.6 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-063 | 4/30/2019 | 13:50 | 5.0 | 0.5 | Dark brown medium-coarse sand with clay | Moist | No |
| SA-064 | 4/29/2019 | 13:44 | 0.4 | 0.5 | Brown medium-coarse sand | Moist | No |
| SA-065 | 4/29/2019 | 13:30 | 42.6 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-066 | 4/29/2019 | 13:30 | 305.0 | 0.5 | Brown medium-coarse sand | Moist | Strong |
| SA-067 | 4/29/2019 | 13:22 | 37.6 | 0.5 | Light brown sandy clay | Moist | No |
| SA-068 | 4/29/2019 | 13:22 | 8.2 | 0.5 | Dark brown medium- coarse sand | Moist | No |
| SA-069 | 4/29/2019 | 13:07 | 0.0 | 0.5 | Tan medium-coarse sand with clay | Moist | No |
| SA-070 | 4/29/2019 | 13:05 | 25.7 | 0.5 | Light brown sandy clay | Moist | No |
| SA-071 | 4/29/2019 | 12:59 | 0.4 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-072 | 4/29/2019 | 12:46 | 51.4 | 0.5 | Light brown sandy clay | Moist | No |
| SA-073 | 4/29/2019 | 12:40 | 15.1 | 0.5 | Tannish brown fine-medium sand | Moist | No |
| SA-074 | 4/29/2019 | 12:47 | 50.1 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-075 | 4/29/2019 | 12:26 | 6.4 | 0.5 | Light brown sandy clay | Moist | No |
| SA-076 | 4/29/2019 | 12:23 | 93.4 | 0.5 | Light brown silty sand | Moist | Moderate |
| SA-077 | 4/29/2019 | 12:17 | 50.0 | 0.5 | Dark sand with clay | Moist | No |

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|-----------|-----------|-------|-----------|----------------|---|------------------|-------------------------|
| SA-078 | 4/29/2019 | 12:00 | 2.5 | 0.5 | Gray sand and gravel with clay | Moist | No |
| SA-078R | 6/13/2019 | 11:10 | 6.3 | 0.5 | Brown fine silty sand with gravel and some clay | Dry | No |
| SA-079 | 4/29/2019 | 11:52 | 0.6 | 0.5 | Dark tan medium-coarse sand | Moist | No |
| SA-080 | 4/29/2019 | 11:51 | 0.0 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-B | 4/29/2019 | 11:53 | 0.0 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-081 | 4/29/2019 | 11:38 | 116.8 | 0.5 | Gray sand and gravel with clay | Moist | No |
| SA-081R | 6/13/2019 | 11:08 | 15.0 | 0.5 | Dark brown medium sand with clay | Moist | Slight |
| SA-F | 6/13/2019 | 12:22 | 15.0 | 0.5 | Dark brown medium sand with clay | Moist | Slight |
| SA-082 | 4/30/2019 | 13:40 | 4.5 | 0.5 | Dark brown fine sandy silt | Dry | No |
| SA-083 | 4/29/2019 | 11:27 | 0.7 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-084 | 4/29/2019 | 11:20 | 0.2 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-085 | 4/29/2019 | 10:58 | 5.6 | 0.5 | Gray sand and gravel with clay | Moist | No |
| SA-086 | 4/29/2019 | 11:00 | 0.0 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-087 | 4/29/2019 | 10:46 | 0.2 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-088 | 4/29/2019 | 10:32 | 1.3 | 0.5 | Gray sand and gravel with clay | Moist | No |
| SA-089 | 4/29/2019 | 10:34 | 1.8 | 0.5 | Light brown medium-coarse sand | Moist | No |
| SA-090 | 4/29/2019 | 10:22 | 28.9 | 0.5 | Dark brown medium-coarse sand | Moist | No |
| SA-091 | 4/29/2019 | 10:07 | 0.0 | 0.5 | Brown coarse sand and gravel | Dry | No |
| SA-092 | 4/29/2019 | 10:08 | 0.8 | 0.5 | Dark brown fine silty sand | Dry | No |
| SA-093 | 4/29/2019 | 9:55 | 1.7 | 0.5 | Light brown clayey sand | Dry | No |
| SA-094 | 4/29/2019 | 9:41 | 0.0 | 0.5 | Light brown clayey sand | Dry | No |

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|-----------------|-----------|-------|-----------|----------------|--|------------------|-------------------------|
| SA-095 | 4/29/2019 | 9:48 | 0.9 | 0.5 | Dark brown fine silty sand | Dry | No |
| SA-096 | 4/29/2019 | 9:26 | 0.7 | 0.5 | Light brown silty sand | Dry | No |
| SA-097 | 4/29/2019 | 9:15 | 0.0 | 0.5 | Light brown silty sand | Dry | No |
| SA-098 | 4/29/2019 | 9:24 | 0.0 | 0.5 | Dark brown fine silty sand | Dry | No |
| SA-099 | 4/29/2019 | 9:05 | 0.0 | 0.5 | Light brown silty sand with black clay | Dry | No |
| SA-100 | 4/29/2019 | 9:00 | 26.7 | 0.5 | Dark brown fine silty sand | Dry | No |
| SA-A | 4/29/2019 | 9:05 | 26.7 | 0.5 | Dark brown fine silty sand | Dry | No |
| SA-101 | 4/29/2019 | 8:55 | 0.0 | 0.5 | Dry light brown fine silty sand | Dry | No |
| SA-102 | 4/29/2019 | 8:35 | 7.6 | 0.5 | Dry light brown fine silty sand | Dry | No |
| SA-103 | 4/29/2019 | 8:45 | 0.5 | 0.5 | Dark brown fine silt | Dry | No |
| SA-104 | 4/29/2019 | 17:43 | 16.6 | 0.5 | Dark brown fine silt | Dry | No |
| SA-104R | 6/13/2019 | 10:41 | > 15,000 | 0.5 | Dark brown fine silt | Dry | Strong |
| SA-104RR | 7/19/2019 | 10:25 | 5.9 | 0.5 | Reddish brown silty sand | Moist | No |
| SA-105 | 5/8/2019 | 11:05 | 0.7 | 0.5 | Brown medium sand | Moist | No |
| SA-106 (Dam 1) | 7/19/2019 | 10:40 | 1.7 | 0.5 | Reddish brow silty sand | Moist | No |
| SA-106R | 8/2/2019 | 13:30 | 4.6 | 0.5 | Dark brown fine clayey sand | Moist | No |
| SA-107 (Dam 2) | 7/19/2019 | 11:00 | 30.2 | 0.5 | Dark brown silt with sand | Moist | No |
| SA-108 (Dam 3A) | 7/19/2019 | 11:17 | 21.1 | 0.5 | Dark brown silt with sand | Moist | No |
| SA-109 (Dam 3B) | 7/19/2019 | 11:31 | 2.3 | 0.5 | Dark brown silt with sand | Moist | No |
| SA-110 (Dam 4) | 7/19/2019 | 11:33 | 22.1 | 0.5 | Dark brown sand | Moist | No |
| SA-111 (Dam 5) | 7/19/2019 | 11:53 | 0.7 | 0.5 | Dark brown silty sand | Moist | No |

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|--|-----------|-------|--------------|-------------------|---|---------------------|----------------------------|
| <i>Discrete Hand-Auger Boring Soil Samples</i> | | | | | | | |
| SB-001-01 | 4/29/2019 | 16:50 | 0.00 | 1 | Brown coarse sand with silt | Moist | No |
| SB-002-01 | 4/29/2019 | 16:55 | 0.00 | 1 | Brown coarse sand with silt | Moist | No |
| SB-003-01 | 7/19/2019 | 12:11 | 7.6 | 1 | Dark brown sand and gravel | Moist | No |
| SB-005-01 | 7/19/2019 | 12:13 | 16.4 | 1 | Dark brown sand and gravel | Moist | No |
| SB-007-01 | 6/13/2019 | 12:09 | 9.8 | 1 | Brown fine sand | Moist | No |
| SB-C | 6/13/2019 | 12:20 | 9.8 | 1 | Brown fine sand | Moist | No |
| SB-009-01 | 6/13/2019 | 12:15 | 24.9 | 1 | Brown fine sand | Moist | No |
| SB-011-01 | 6/13/2019 | 12:13 | 18.90 | 1 | Brown fine sand | Moist | No |
| SB-013-01 | 4/29/2019 | 16:25 | 0.7 | 1 | Brown coarse sand with silt | Very moist | No |
| SB-015-01 | 4/29/2019 | 16:23 | 1.6 | 1 | Brown coarse sand with silt | Very moist | No |
| SB-017-01 | 4/29/2019 | 16:20 | 1.5 | 1 | Brown coarse sand with silt | Very moist | No |
| SB-019-01 | 4/29/2019 | 16:04 | 3.3 | 1 | Brown coarse sand with silt | Very moist | No |
| SB-B | 4/29/2019 | 16:04 | 3.3 | 1 | Brown coarse sand with silt | Very moist | No |
| SB-021-01 | 4/29/2019 | 16:02 | 3.4 | 1 | Brown coarse sand with silt | Very moist | No |
| SB-023-01 | 4/29/2019 | 16:00 | 2.4 | 1 | Brown coarse sand with silt | Very moist | No |
| SB-025-01 | 4/29/2019 | 15:56 | 3.8 | 1 | Brown coarse sand with silt | Very moist | No |
| SB-027-01 | 4/29/2019 | 15:55 | 4.3 | 1 | Brown coarse sand with silt | Very moist | No |
| SB-029-01 | 4/29/2019 | 15:50 | 1.0 | 1 | Light gray to tan coarse sand with sandy silt | Very moist | No |
| SB-031-01 | 4/29/2019 | 15:43 | 0.9 | 1 | Light gray to tan coarse sand | Very moist | No |
| SB-033-01 | 4/29/2019 | 15:46 | 1.1 | 1 | Light brown silty sand | Moist | No |

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|-----------|-----------|-------|-----------|----------------|--|------------------|-------------------------|
| SB-035-01 | 4/29/2019 | 15:30 | 0.3 | 1 | Light brown sandy silt | Moist | No |
| SB-037-01 | 4/29/2019 | 15:21 | 1.3 | 1 | Brown sandy lean clay | Moist | No |
| SB-039-01 | 4/29/2019 | 15:24 | 0.5 | 1 | Brown sandy lean clay | Moist | No |
| SB-A | 4/29/2019 | 15:26 | 0.5 | 1 | Brown sandy lean clay | Moist | No |
| SB-041-01 | 4/29/2019 | 15:17 | 0.3 | 1 | Light brown silty sand | Moist | No |
| SB-043-01 | 4/29/2019 | 15:15 | 0.8 | 1 | Light brown silty sand | Moist | No |
| SB-045-01 | 4/29/2019 | 15:12 | 1.0 | 1 | Brown to gray sandy shale | Moist | No |
| SB-047-01 | 4/29/2019 | 14:59 | 0.8 | 1 | Fine silty sand | Moist | No |
| SB-049-01 | 4/29/2019 | 14:58 | 0.8 | 1 | Brown sandy shale | Moist | No |
| SB-051-01 | 4/29/2019 | 14:48 | 1.2 | 1 | Brown sandy shale | Moist | No |
| SB-053-01 | 4/29/2019 | 14:35 | 0.8 | 1 | Brown to gray sandy shale | Moist | No |
| SB-055-01 | 4/29/2019 | 14:28 | 0.6 | 1 | Brown to gray poorly graded sand with shale intermixed | Moist | No |
| SB-057-01 | 4/29/2019 | 14:18 | 5.6 | 1 | Brown to gray poorly graded sand | Moist | No |
| SB-059-01 | 4/29/2019 | 14:12 | 0.8 | 1 | Light brown to black sandy clay shale | Moist | No |
| SB-061-01 | 4/29/2019 | 14:00 | 0.6 | 1 | Light brown to black sandy clay shale | Moist | No |
| SB-063-01 | 4/29/2019 | 13:55 | 1.5 | 1 | Light brown to black sandy clay shale | Moist | No |
| SB-065-01 | 4/29/2019 | 13:45 | 1.3 | 1 | Light brown to black sandy clay shale | Moist | No |
| SB-067-01 | 4/29/2019 | 13:35 | 1.2 | 1 | Light brown to black sandy clay shale | Moist | No |
| SB-069-01 | 4/29/2019 | 13:25 | 1.0 | 1 | Light brown to black sandy clay shale | Moist | No |
| SB-071-01 | 4/29/2019 | 13:15 | 1.8 | 1 | Brown to black sandy fat clay shale | Moist | No |
| SB-073-01 | 4/29/2019 | 13:00 | 1.0 | 1 | Brown to black sandy fat clay shale | Moist | No |

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|------------|-----------|-------|-----------|----------------|---|------------------|-------------------------|
| SB-075-01 | 4/29/2019 | 12:25 | 2.6 | 1 | Brown to black sandy fat clay (shale) fissile | Moist | No |
| SB-077-01 | 4/29/2019 | 12:10 | 1.0 | 1 | Brown to black sandy fat clay (shale) fissile | Moist | No |
| SB-079-01 | 4/29/2019 | 11:50 | 1.4 | 1 | Brown to black fat clay, fissile | Moist | No |
| SB-081-01 | 4/29/2019 | 11:35 | 1.5 | 1 | Light brown silty sand | Moist | No |
| SB-083-01 | 4/29/2019 | 11:10 | 1.2 | 1 | Light brown silty sand | Moist | No |
| SB-085-01 | 4/29/2019 | 11:00 | 0.6 | 1 | Light brown silty sand, poorly graded | Moist | No |
| SB-087-01 | 4/29/2019 | 10:42 | 0.6 | 1 | Light brown silty sand | Moist | No |
| SB-089-01 | 4/29/2019 | 10:25 | 1.0 | 1 | Light brown silty sand | Moist | No |
| SB-091-01 | 4/29/2019 | 10:07 | 0.8 | 1 | Light brown to white, poorly graded, sand with gravel | Moist | No |
| SB-093-01 | 4/29/2019 | 9:55 | 2.0 | 1 | Light brown silty sand | Moist | No |
| SB-095-01 | 4/29/2019 | 9:40 | 1.0 | 1 | Light brown silty sand | Moist | No |
| SB-097-01 | 4/29/2019 | 9:06 | 481.0 | 1 | Light brown sandy silt | Moist | Moderate |
| SB-097-02 | 4/29/2019 | 9:08 | 144.0 | 2 | Light brown sandy silt, some caliche at 1.75' | Moist | Moderate |
| SB-097-03 | 4/29/2019 | 9:10 | 33.8 | 3 | Light brown sandy silt | Moist | Very faint |
| SB-099-01 | 4/29/2019 | 8:58 | 0.8 | 1 | Light brown fine sandy silt | Moist | No |
| SB-101-01 | 4/29/2019 | 8:45 | 2.2 | 1 | Light brown fine sandy silt | Dry | No |
| SB-103-01 | 4/29/2019 | 8:40 | 3.8 | 1 | Light brown fine sandy silt | Moist | No |
| SB-104-01 | 4/29/2019 | 17:45 | 4.2 | 1 | Brown silty sand | Dry | No |
| SB-104-01R | 7/19/2019 | 10:27 | 5.0 | 1 | Reddish brown silty sand | Moist | No |
| SB-106-01 | 7/19/2019 | 10:45 | 102.1 | 1 | Dark brown silt with sand | Moist | No |
| SB-106-03 | 7/19/2019 | 10:47 | 15.9 | 3 | Dark brown silt with sand | Moist | No |

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|-----------------------------------|-----------|-------|-----------|---------------------|--|------------------|-------------------------|
| SB-106-01R | 8/2/2019 | 13:25 | 1.6 | 1 | Dark brown to green clay | Moist | No |
| SB-107-01 | 7/19/2019 | 10:58 | 9.5 | 1 | Dark brown silt with sand | Moist | No |
| SB-108-01 | 7/19/2019 | 11:30 | 9.1 | 1 | Green/brown clay | Moist | No |
| SB-109-01 | 7/19/2019 | 11:33 | 22.1 | 1 | Dark brown silt with sand | Moist | No |
| SB-110-01 | 7/19/2019 | 11:51 | 5.8 | 1 | Dark brown sand with trace silt | Moist | No |
| SB-111-01 | 7/19/2019 | 11:53 | 0.7 | 1 | Dark brown silty sand | Moist | No |
| SB-PIT-01 | 4/29/2019 | 13:00 | 3.8 | 1 | Brown silty sand, trace organics | Damp | No |
| SB-PIT-02 | 4/29/2019 | 13:05 | 1.1 | 2 | Brown silty sand, trace organics | Damp | No |
| SB-PIT-03 | 4/29/2019 | 13:10 | 1.0 | 3 | Brown silty sand, trace organics to light brown, medium silty sand | Moist | No |
| SB-PIT-04 | 4/29/2019 | 13:15 | 0.8 | 4 | Coarsening downward medium-medium-coarse sand | Very moist | No |
| SB-PIT-05 | 4/29/2019 | 13:17 | 0.2 | 5 | Medium-coarse sand with silt | Very moist | No |
| SB-PIT-06 | 4/29/2019 | 13:20 | 0.5 | 6 | Brown medium-coarse silty sand | Moist | No |
| SB-PIT-07 | 4/29/2019 | 14:00 | 0.2 | 7 | Refusal, gravel with silt, cobble refusal | Moist | No |
| Discrete Grab Soil Samples | | | | | | | |
| GR-01 | 4/29/2019 | 11:12 | 0.6 | 0.25 | Brown fine-medium silty sand | Very moist | No |
| GR-02 | 4/29/2019 | 11:18 | 1.2 | 0.25 | Brown fine-medium silty sand | Moist | No |
| GR-03 | 4/29/2019 | 11:20 | 2.2 | 0.25 | Brown fine sandy silt | Moist | No |
| GR-04 | 4/29/2019 | 11:22 | 2.7 | 0.25 | Brown fine sandy silt | Moist | No |
| GR-05 | 4/29/2019 | 11:24 | 3.6 | 0.25 | Light brown fine silty sand | Moist | No |
| GR-06 | 4/29/2019 | 11:26 | 2.3 | 0.25 | Light brown fine silty sand | Moist | No |
| GR-07 | 4/29/2019 | 11:30 | 529.0 | Cut Bank wall 3A/3B | Light brown/tan silty sand and shale | Dry | Strong |

**TABLE 2
SOIL SAMPLING LOG**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE ID | Date | TIME | PID (ppm) | Depth (ft bgs) | Soil Description | Moisture Content | Hydrocarbon Stain/Odor? |
|---|-----------|-------|--------------|------------------------|--------------------------------------|---------------------|----------------------------|
| GR-07R | 6/13/2019 | 11:36 | > 15,000 | Cut Bank wall 3A/3B | Green/brown silty clay | Moist | Strong |
| GR-07RR | 8/2/2019 | 13:33 | 581.0 | Cut Bank wall 3A/3B | Green/brown silty clay | Moist | Strong |
| GR-07RR | 9/4/2019 | 10:20 | 6.2 | Cut Bank wall 3A/3B | Green/brown silty clay | Moist | Slight |
| 5-Point Composite Excavation Confirmation Soil Samples | | | | | | | |
| EX-SW01 | 6/13/2019 | 10:15 | 3.6 | 0-4 | Dark brown fine to medium sandy silt | Dry | None |
| EX-SW02 | 6/13/2019 | 10:25 | 14 | 0-4 | Dark brown fine to medium sandy silt | Dry | None |
| EX-FS01 | 6/13/2019 | 10:30 | 2,016 | 4 | Dark brown fine to medium sandy silt | Moist | Strong |
| EX-FS01R | 7/19/2019 | 10:30 | 1 | 1 | Reddish brown silty sand | Moist | None |
| EX-FS01RR | 8/2/2019 | 13:35 | 2.3 | 4 | Dark brown fine to medium sandy silt | Very moist | Slight |
| EX-FS02 | 6/13/2019 | 10:38 | 7.1 | 4 | Dark brown fine to medium sandy silt | Dry | None |

Notes:

bgs- below ground surface
EX- excavation confirmation soil sample
FS- floor soil sample
ft- feet
GR - grab soil sample

PID- photoionization detector
ppm- parts per million
SA- surface area soil sample
SB- soil boring soil sample
SW- sidewall soil sample

**TABLE 3
SOIL ANALYTICAL RESULTS**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES LLC.**

| Sample Name | Sample Depth (feet bgs) | Sample Date | PID Reading (ppm) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-benzene (mg/kg) | Total Xylenes (mg/kg) | Total BTEX (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|--|-------------------------|-------------|-------------------|-----------------|-----------------|-----------------------|-----------------------|--------------------|-------------|-------------|-------------|-------------|------------------|
| 10-Point Composite Surface Soil Samples | | | | | | | | | | | | | |
| SA-001 | 0.5 | 4/29/2019 | 0.3 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <11 | <53 | <53 | <65 |
| SA-002 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <10 | <51 | <51 | <66 |
| SA-003 | 0.5 | 5/8/2019 | 1.0 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <12 | <60 | <60 | <72 |
| SA-004 | 0.5 | 5/8/2019 | 16.2 | <0.033 | <0.067 | <0.067 | <0.13 | <0.13 | <6.7 | <13 | <67 | <67 | <83 |
| SA-005 | 0.5 | 5/8/2019 | 4.2 | <0.032 | <0.064 | <0.064 | <0.13 | <0.13 | <6.4 | <13 | <65 | <65 | <79 |
| SA-006 | 0.5 | 4/29/2019 | 3.0 | <0.030 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | 67 | <61 | 67 | <72 |
| SA-007 | 0.5 | 4/29/2019 | 0.1 | <0.031 | <0.063 | <0.063 | <0.13 | <0.13 | <6.3 | 120 | <62 | 120 | <75 |
| SA-007R | 0.5 | 6/13/2019 | 24.6 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <10 | <52 | <52 | 100 |
| SA-008 | 0.5 | 4/29/2019 | 0.0 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <12 | <61 | <61 | <75 |
| SA-009 | 0.5 | 4/29/2019 | 48.3 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <12 | <59 | <59 | <76 |
| SA-010 | 0.5 | 4/29/2019 | 0.9 | <0.030 | <0.061 | <0.061 | <0.12 | <0.12 | <6.1 | <12 | <58 | <58 | <73 |
| SA-011 | 0.5 | 4/29/2019 | 0.5 | <0.029 | <0.057 | <0.057 | <0.11 | <0.11 | <5.7 | <11 | <56 | <56 | <70 |
| SA-012 | 0.5 | 4/29/2019 | 0.8 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <12 | <58 | <58 | <71 |
| SA-013 | 0.5 | 4/29/2019 | 0.1 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <11 | <55 | <55 | <70 |
| SA-014 | 0.5 | 4/29/2019 | 1.4 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <11 | <56 | <56 | <73 |
| SA-015 | 0.5 | 4/29/2019 | 0.1 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <11 | <54 | <54 | <70 |
| SA-016 | 0.5 | 4/29/2019 | 3.7 | <0.028 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <11 | <56 | <56 | <72 |
| SA-017 | 0.5 | 4/29/2019 | 3.6 | <0.029 | <0.057 | <0.057 | <0.11 | <0.11 | <5.7 | <12 | <58 | <58 | <73 |
| SA-018 | 0.5 | 4/29/2019 | 0.3 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <11 | <55 | <55 | <67 |
| SA-019 | 0.5 | 4/29/2019 | 0.1 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <12 | <59 | <59 | <73 |
| SA-020 | 0.5 | 4/29/2019 | 0.0 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <11 | <57 | <57 | <69 |
| *SA-E | 0.5 | 4/29/2019 | 0.0 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <11 | <55 | <55 | <71 |
| SA-021 | 0.5 | 4/29/2019 | 1.5 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <11 | <55 | <55 | <71 |
| SA-022 | 0.5 | 4/29/2019 | 0.9 | <0.028 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <11 | <56 | <56 | <72 |
| SA-023 | 0.5 | 4/29/2019 | 0.4 | <0.029 | <0.057 | <0.057 | <0.11 | <0.11 | <5.7 | <11 | <54 | <54 | <70 |
| SA-024 | 0.5 | 4/29/2019 | 0.0 | <0.028 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <11 | <57 | <57 | <68 |

**TABLE 3
SOIL ANALYTICAL RESULTS**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES LLC.**

| Sample Name | Sample Depth (feet bgs) | Sample Date | PID Reading (ppm) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-benzene (mg/kg) | Total Xylenes (mg/kg) | Total BTEX (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|-------------|-------------------------|-------------|-------------------|-----------------|-----------------|-----------------------|-----------------------|--------------------|-------------|-------------|-------------|-------------|------------------|
| SA-025 | 0.5 | 4/29/2019 | 1.1 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | <10 | <52 | <52 | <64 |
| SA-026 | 0.5 | 4/29/2019 | 0.4 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <11 | <55 | <55 | <69 |
| SA-027 | 0.5 | 4/29/2019 | 0.0 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <9.0 | <45 | <45 | <69 |
| SA-028 | 0.5 | 4/29/2019 | 0.0 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <8.8 | <44 | <44 | <70 |
| SA-029 | 0.5 | 4/29/2019 | 0.9 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <8.8 | <44 | <44 | <67 |
| SA-030 | 0.5 | 4/29/2019 | 2.0 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <9.8 | <49 | <49 | <69 |
| SA-031 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | <8.7 | <44 | <44 | <65 |
| SA-032 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <9.9 | <49 | <49 | <66 |
| SA-033 | 0.5 | 4/29/2019 | 1.4 | <0.027 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <9.5 | <47 | <47 | <66 |
| SA-034 | 0.5 | 4/29/2019 | 1.1 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <10 | <51 | <51 | <69 |
| SA-035 | 0.5 | 4/29/2019 | 0.0 | <0.032 | <0.063 | <0.063 | <0.13 | <0.13 | <6.3 | <9.9 | <50 | <50 | <77 |
| SA-036 | 0.5 | 4/29/2019 | 0.3 | <0.029 | <0.057 | <0.057 | <0.11 | <0.11 | <5.7 | <8.9 | <44 | <44 | <70 |
| SA-037 | 0.5 | 4/29/2019 | 0.0 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <10 | <50 | <50 | <65 |
| SA-038 | 0.5 | 4/29/2019 | 0.0 | <0.030 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | <10 | <51 | <51 | <71 |
| SA-039 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <9.6 | <48 | <48 | <64 |
| SA-040 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <9.7 | <49 | <49 | <65 |
| *SA-D | 0.5 | 4/29/2019 | 0.0 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <11 | <53 | <53 | <66 |
| SA-041 | 0.5 | 4/29/2019 | 0.1 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | <9.8 | <49 | <49 | <64 |
| SA-042 | 0.5 | 4/29/2019 | 0.2 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <9.8 | <49 | <49 | <66 |
| SA-043 | 0.5 | 4/29/2019 | 0.0 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <8.6 | <43 | <43 | <62 |
| SA-044 | 0.5 | 4/29/2019 | 0.5 | <0.026 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <9.3 | <47 | <47 | <65 |
| SA-045 | 0.5 | 4/29/2019 | 0.5 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <10 | <50 | <50 | <68 |
| SA-046 | 0.5 | 4/29/2019 | 0.2 | <0.029 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | <9.8 | <49 | <49 | <71 |
| SA-047 | 0.5 | 4/29/2019 | 0.5 | <0.027 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <10 | <50 | <50 | <67 |
| SA-048 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.051 | <0.051 | <0.10 | <0.10 | <5.1 | <9.5 | <47 | <47 | <63 |
| SA-049 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | <9.3 | <46 | <46 | <66 |
| SA-050 | 0.5 | 4/29/2019 | 0.1 | <0.030 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | <10 | <50 | <50 | <72 |

**TABLE 3
SOIL ANALYTICAL RESULTS**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES LLC.**

| Sample Name | Sample Depth (feet bgs) | Sample Date | PID Reading (ppm) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-benzene (mg/kg) | Total Xylenes (mg/kg) | Total BTEX (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|-------------|-------------------------|-------------|-------------------|-----------------|-----------------|-----------------------|-----------------------|--------------------|-------------|-------------|-------------|--------------|------------------|
| SA-051 | 0.5 | 4/29/2019 | 0.1 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <9.6 | <48 | <48 | <66 |
| SA-052 | 0.5 | 4/29/2019 | 0.7 | <0.028 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <9.1 | <45 | <45 | <69 |
| SA-053 | 0.5 | 4/29/2019 | 0.0 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | 13 | <50 | 13 | 91 |
| SA-054 | 0.5 | 4/29/2019 | 1.0 | <0.026 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <9.2 | <46 | <46 | 75 |
| SA-055 | 0.5 | 4/29/2019 | 233.0 | <0.029 | 1 | 1.6 | 12 | 14.6 | 450 | 4,500 | 1,300 | 6,250 | <72 |
| SA-055R | 0.5 | 6/13/2019 | 105.0 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | 14 | <52 | 14 | <67 |
| SA-056 | 0.5 | 4/29/2019 | 14.6 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | 38 | <47 | 38 | <73 |
| SA-057 | 0.5 | 4/29/2019 | 8.4 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | 13 | 19 | <46 | 32 | <73 |
| SA-058 | 0.5 | 4/29/2019 | 6.7 | <0.030 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | 15 | <48 | 15 | <71 |
| SA-059 | 0.5 | 4/29/2019 | 2.8 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | 17 | <50 | 17 | <68 |
| SA-060 | 0.5 | 4/29/2019 | 1,201.0 | <0.030 | 0.28 | 0.57 | 4.9 | 5.75 | 270 | 200 | 64 | 534 | <72 |
| *SA-C | 0.5 | 4/29/2019 | 1,201.0 | <0.029 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | 250 | 89 | 339 | <72 |
| SA-60R | 0.5 | 6/13/2019 | 15.3 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | <9.7 | <49 | <49 | <63 |
| SA-061 | 0.5 | 4/29/2019 | 0.6 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <9.5 | <48 | <48 | <64 |
| SA-062 | 0.5 | 4/29/2019 | 13.6 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <9.0 | <45 | <45 | <66 |
| SA-063 | 0.5 | 4/30/2019 | 5.0 | <0.027 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <11 | <57 | <57 | <69 |
| SA-064 | 0.5 | 4/29/2019 | 0.4 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <9.8 | <49 | <49 | <65 |
| SA-065 | 0.5 | 4/29/2019 | 42.6 | <0.028 | <0.057 | <0.057 | <0.11 | <0.11 | <5.7 | <9.6 | <48 | <48 | <71 |
| SA-066 | 0.5 | 4/29/2019 | 305.0 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | 7.8 | 55 | <49 | 62.8 | <68 |
| SA-067 | 0.5 | 4/29/2019 | 37.6 | <0.029 | <0.057 | <0.057 | <0.11 | <0.11 | <5.7 | <9.4 | <47 | <47 | <70 |
| SA-068 | 0.5 | 4/29/2019 | 8.2 | <0.026 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <10 | <52 | <52 | <65 |
| SA-069 | 0.5 | 4/29/2019 | 0.0 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <12 | <59 | <59 | <72 |
| SA-070 | 0.5 | 4/29/2019 | 25.7 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <11 | <53 | <53 | <68 |
| SA-071 | 0.5 | 4/29/2019 | 0.4 | <0.029 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | 13 | <58 | 13 | <71 |
| SA-072 | 0.5 | 4/29/2019 | 51.4 | <0.029 | <0.058 | 0.062 | 0.48 | 0.542 | 21 | 18 | <57 | 39 | <70 |
| SA-073 | 0.5 | 4/29/2019 | 15.1 | <0.029 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | 20 | <59 | 20 | <71 |
| SA-074 | 0.5 | 4/29/2019 | 50.1 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | 29 | <54 | 29 | <66 |

**TABLE 3
SOIL ANALYTICAL RESULTS**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES LLC.**

| Sample Name | Sample Depth (feet bgs) | Sample Date | PID Reading (ppm) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-benzene (mg/kg) | Total Xylenes (mg/kg) | Total BTEX (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|-------------|-------------------------|-------------|-------------------|-----------------|-----------------|-----------------------|-----------------------|--------------------|-------------|-------------|-------------|-------------|------------------|
| SA-075 | 0.5 | 4/29/2019 | 6.4 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | 37 | <53 | 37 | <66 |
| SA-076 | 0.5 | 4/29/2019 | 93.4 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | 27 | <54 | 27 | <67 |
| SA-077 | 0.5 | 4/29/2019 | 50.0 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | 19 | <58 | 19 | <71 |
| SA-078 | 0.5 | 4/29/2019 | 2.5 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | 77 | 59 | 136 | <65 |
| SA-078R | 0.5 | 6/13/2019 | 6.3 | <0.025 | <0.051 | <0.051 | <0.10 | <0.10 | <5.1 | <9.8 | <49 | <49 | <61 |
| SA-079 | 0.5 | 4/29/2019 | 0.6 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <10 | <51 | <51 | <66 |
| SA-080 | 0.5 | 4/29/2019 | 0.0 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <11 | <55 | <55 | <68 |
| *SA-B | 0.5 | 4/29/2019 | 0.0 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <11 | <55 | <55 | <67 |
| SA-081 | 0.5 | 4/29/2019 | 116.8 | <0.027 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | 120 | 64 | 184 | <68 |
| SA-081R | 0.5 | 6/13/2019 | 15.0 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <10 | <52 | <52 | <65 |
| *SA-F | 0.5 | 6/13/2019 | 15.0 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | 13 | <53 | 13 | <66 |
| SA-082 | 0.5 | 4/30/2019 | 4.5 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <10 | <52 | <52 | 210 |
| SA-083 | 0.5 | 4/29/2019 | 0.7 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | <11 | <53 | <53 | <64 |
| SA-084 | 0.5 | 4/29/2019 | 0.2 | <0.026 | <0.051 | <0.051 | <0.10 | <0.10 | <5.1 | <10 | <52 | <52 | <65 |
| SA-085 | 0.5 | 4/29/2019 | 5.6 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | 12 | <55 | 12 | <67 |
| SA-086 | 0.5 | 4/29/2019 | 0.0 | <0.027 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <11 | <53 | <53 | <67 |
| SA-087 | 0.5 | 4/29/2019 | 0.2 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <11 | <53 | <53 | <66 |
| SA-088 | 0.5 | 4/29/2019 | 1.3 | <0.027 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <10 | <52 | <52 | <67 |
| SA-089 | 0.5 | 4/29/2019 | 1.8 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <11 | <54 | <54 | <65 |
| SA-090 | 0.5 | 4/29/2019 | 28.9 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | 24 | <52 | 24 | <67 |
| SA-091 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | <10 | <51 | <51 | <63 |
| SA-092 | 0.5 | 4/29/2019 | 0.8 | <0.027 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <11 | <55 | <55 | 150 |
| SA-093 | 0.5 | 4/29/2019 | 1.7 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | 19 | <51 | 19 | 180 |
| SA-094 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | 24 | <52 | 24 | 82 |
| SA-095 | 0.5 | 4/29/2019 | 0.9 | <0.027 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <11 | <57 | <57 | 110 |
| SA-096 | 0.5 | 4/29/2019 | 0.7 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <11 | <57 | <57 | 130 |
| SA-097 | 0.5 | 4/29/2019 | 0.0 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <11 | <54 | <54 | <66 |

**TABLE 3
SOIL ANALYTICAL RESULTS**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES LLC.**

| Sample Name | Sample Depth (feet bgs) | Sample Date | PID Reading (ppm) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-benzene (mg/kg) | Total Xylenes (mg/kg) | Total BTEX (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|--|-------------------------|-------------|-------------------|-----------------|-----------------|-----------------------|-----------------------|--------------------|-------------|-------------|-------------|-------------|------------------|
| SA-098 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.051 | <0.051 | <0.10 | <0.10 | <5.1 | <11 | <53 | <53 | <64 |
| SA-099 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.051 | <0.051 | <0.10 | <0.10 | <5.1 | <11 | <53 | <53 | <64 |
| SA-100 | 0.5 | 4/29/2019 | 26.7 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | 14 | <55 | 14 | 120 |
| *SA-A | 0.5 | 4/29/2019 | 26.7 | <0.028 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | 16 | <56 | 16 | 120 |
| SA-101 | 0.5 | 4/29/2019 | 0.0 | <0.026 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | 13 | <49 | 13 | <65 |
| SA-102 | 0.5 | 4/29/2019 | 7.6 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | 33 | <50 | 33 | 120 |
| SA-103 | 0.5 | 4/29/2019 | 0.5 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | 42 | <53 | 42 | <66 |
| SA-104 | 0.5 | 4/29/2019 | 16.6 | <0.027 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | 190 | 120 | 310 | <67 |
| SA-104R | 0.5 | 6/13/2019 | >15,000 | <0.025 | <0.051 | <0.051 | 0.15 | 0.15 | 26 | 290 | 110 | 426 | <62 |
| SA-104RR | 0.5 | 7/19/2019 | 5.9 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | <9.0 | <45 | <45 | <60 |
| SA-105 | 0.5 | 5/8/2019 | 0.7 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <11 | <55 | <55 | <68 |
| SA-106 | 0.5 | 7/19/2019 | 1.7 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.3 | <46 | <46 | <60 |
| SA-106R | 0.5 | 8/2/2019 | 4.6 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <11 | <53 | <53 | <69 |
| *SA-H | 0.5 | 8/2/2019 | 4.6 | <0.025 | <0.051 | <0.051 | <0.10 | <0.10 | <5.1 | <11 | <57 | <57 | <68 |
| SA-107 | 0.5 | 7/19/2019 | 30.2 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.5 | <47 | <47 | <60 |
| SA-108 | 0.5 | 7/19/2019 | 21.1 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <8.8 | <44 | <44 | <60 |
| SA-109 | 0.5 | 7/19/2019 | 2.3 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.4 | <47 | <47 | <60 |
| SA-110 | 0.5 | 7/19/2019 | 75.7 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.6 | <48 | <48 | <60 |
| SA-111 | 0.5 | 7/19/2019 | 5.8 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | <9.9 | <50 | <50 | <60 |
| *SA-G | 0.5 | 7/19/2019 | 5.8 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <4.9 | <9.6 | <48 | <48 | <60 |
| Discrete Hand-Auger Boring Soil Samples | | | | | | | | | | | | | |
| SB-001-01 | 1 | 4/29/2019 | 0.0 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <9.7 | <48 | <48 | <65 |
| SB-002-01 | 1 | 4/29/2019 | 0.0 | <0.029 | <0.057 | <0.057 | <0.11 | <0.11 | <5.7 | <11 | <56 | <56 | <71 |
| SB-003-01 | 1 | 7/19/2019 | 7.6 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.5 | <48 | <48 | <60 |
| SB-005-01 | 1 | 7/19/2019 | 16.4 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <8.7 | <44 | <44 | <61 |
| SB-007-01 | 1 | 6/13/2019 | 9.8 | <0.028 | <0.057 | <0.057 | <0.11 | <0.11 | <5.7 | <11 | <54 | <54 | <69 |
| *SB-C | 1 | 6/13/2019 | 9.8 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <11 | <57 | <57 | <68 |

**TABLE 3
SOIL ANALYTICAL RESULTS**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES LLC.**

| Sample Name | Sample Depth (feet bgs) | Sample Date | PID Reading (ppm) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-benzene (mg/kg) | Total Xylenes (mg/kg) | Total BTEX (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|-------------|-------------------------|-------------|-------------------|-----------------|-----------------|-----------------------|-----------------------|--------------------|-------------|-------------|-------------|-------------|------------------|
| SB-009-01 | 1 | 6/13/2019 | 24.9 | <0.031 | <0.062 | <0.062 | <0.12 | <0.12 | <6.2 | <12 | <59 | <59 | <76 |
| SB-011-01 | 1 | 6/13/2019 | 18.9 | <0.032 | <0.065 | <0.065 | <0.13 | <0.13 | <6.5 | <13 | <66 | <66 | <80 |
| SB-013-01 | 1 | 4/29/2019 | 0.7 | <0.031 | <0.063 | <0.063 | <0.13 | <0.13 | <6.3 | <12 | <58 | <58 | <77 |
| SB-015-01 | 1 | 4/29/2019 | 1.6 | <0.031 | <0.061 | <0.061 | <0.12 | <0.12 | <6.1 | <11 | <55 | <55 | <75 |
| SB-017-01 | 1 | 4/29/2019 | 1.5 | <0.032 | <0.064 | <0.064 | <0.13 | <0.13 | <6.4 | <12 | <60 | <60 | <79 |
| SB-019-01 | 1 | 4/29/2019 | 3.3 | <0.031 | <0.061 | <0.061 | <0.12 | <0.12 | <6.1 | <11 | <56 | <56 | <75 |
| *SB-B | 1 | 4/29/2019 | 3.3 | <0.031 | <0.062 | <0.062 | <0.12 | <0.12 | <6.2 | <11 | <57 | <57 | <76 |
| SB-021-01 | 1 | 4/29/2019 | 3.4 | <0.030 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | 14 | <59 | 14 | <72 |
| SB-023-01 | 1 | 4/29/2019 | 2.4 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <12 | <58 | <58 | <73 |
| SB-025-01 | 1 | 4/29/2019 | 3.8 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <11 | <57 | <57 | <73 |
| SB-027-01 | 1 | 4/29/2019 | 4.3 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <11 | <56 | <56 | <71 |
| SB-029-01 | 1 | 4/29/2019 | 1.0 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <13 | <63 | <63 | <75 |
| SB-031-01 | 1 | 4/29/2019 | 0.9 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <8.7 | <44 | <44 | <72 |
| SB-033-01 | 1 | 4/29/2019 | 1.1 | <0.030 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | <9.4 | <47 | <47 | <72 |
| SB-035-01 | 1 | 4/29/2019 | 0.3 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <9.9 | <49 | <49 | <76 |
| SB-037-01 | 1 | 4/29/2019 | 1.3 | <0.031 | <0.062 | <0.062 | <0.12 | <0.12 | <6.2 | <9.8 | <49 | <49 | <74 |
| SB-039-01 | 1 | 4/29/2019 | 0.5 | <0.031 | <0.062 | <0.062 | <0.12 | <0.12 | <6.2 | <9.6 | <48 | <48 | <77 |
| *SB-A | 1 | 4/29/2019 | 0.5 | <0.032 | <0.064 | <0.064 | <0.13 | <0.13 | <6.4 | <13 | <63 | <63 | <77 |
| SB-041-01 | 1 | 4/29/2019 | 0.3 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <9.5 | <48 | <48 | <71 |
| SB-043-01 | 1 | 4/29/2019 | 0.8 | <0.030 | <0.061 | <0.061 | <0.12 | <0.12 | <6.1 | <9.6 | <48 | <48 | <74 |
| SB-045-01 | 1 | 4/29/2019 | 1.0 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <9.9 | <50 | <50 | <73 |
| SB-047-01 | 1 | 4/29/2019 | 0.8 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <9.6 | <48 | <48 | <73 |
| SB-049-01 | 1 | 4/29/2019 | 0.8 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <9.2 | <46 | <46 | <71 |
| SB-051-01 | 1 | 4/29/2019 | 1.2 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <10 | <50 | <50 | <70 |
| SB-053-01 | 1 | 4/29/2019 | 0.8 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <9.1 | <46 | <46 | <71 |
| SB-055-01 | 1 | 4/29/2019 | 0.6 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <9.7 | <49 | <49 | <75 |
| SB-057-01 | 1 | 4/29/2019 | 5.6 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <9.1 | <45 | <45 | <68 |

**TABLE 3
SOIL ANALYTICAL RESULTS**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES LLC.**

| Sample Name | Sample Depth (feet bgs) | Sample Date | PID Reading (ppm) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-benzene (mg/kg) | Total Xylenes (mg/kg) | Total BTEX (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|-------------|-------------------------|-------------|-------------------|-----------------|-----------------|-----------------------|-----------------------|--------------------|-------------|-------------|-------------|-------------|------------------|
| SB-059-01 | 1 | 4/29/2019 | 0.8 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <9.8 | <49 | <49 | <69 |
| SB-061-01 | 1 | 4/29/2019 | 0.6 | <0.029 | <0.057 | <0.057 | <0.11 | <0.11 | <5.7 | <9.4 | <47 | <47 | <70 |
| SB-063-01 | 1 | 4/29/2019 | 1.5 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <9.2 | <46 | <46 | <68 |
| SB-065-01 | 1 | 4/29/2019 | 1.3 | <0.028 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <9.9 | <50 | <50 | <69 |
| SB-067-01 | 1 | 4/29/2019 | 1.2 | <0.028 | <0.057 | <0.057 | <0.11 | <0.11 | <5.7 | <10 | <50 | <50 | <71 |
| SB-069-01 | 1 | 4/29/2019 | 1.0 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <10 | <50 | <50 | <70 |
| SB-075-01 | 1 | 4/29/2019 | 2.6 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <11 | <57 | <57 | <70 |
| SB-077-01 | 1 | 4/29/2019 | 1.0 | <0.029 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | <11 | <55 | <55 | <71 |
| SB-079-01 | 1 | 4/29/2019 | 1.4 | <0.029 | <0.058 | <0.058 | <0.12 | <0.12 | <5.8 | <12 | <60 | <60 | 150 |
| SB-081-01 | 1 | 4/29/2019 | 1.5 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <11 | <57 | <57 | 120 |
| SB-083-01 | 1 | 4/29/2019 | 1.2 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <10 | <51 | <51 | <63 |
| SB-085-01 | 1 | 4/29/2019 | 0.6 | <0.026 | <0.051 | <0.051 | <0.10 | <0.10 | <5.1 | <10 | <52 | <52 | 150 |
| SB-087-01 | 1 | 4/29/2019 | 0.6 | <0.027 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <11 | <56 | <56 | <66 |
| SB-089-01 | 1 | 4/29/2019 | 1.0 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | <11 | <53 | <53 | <64 |
| SB-091-01 | 1 | 4/29/2019 | 0.8 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <9.9 | <49 | <49 | <66 |
| SB-093-01 | 1 | 4/29/2019 | 2.0 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | <5.2 | <10 | <52 | <52 | 86 |
| SB-095-01 | 1 | 4/29/2019 | 1.0 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <12 | <59 | <59 | 84 |
| SB-097-01 | 1 | 4/29/2019 | 481.0 | <0.027 | <0.055 | <0.055 | 0.47 | 0.47 | 33 | 210 | 64 | 307 | 110 |
| SB-097-03 | 3 | 4/29/2019 | 33.8 | <0.026 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <11 | <53 | <53 | <64 |
| SB-099-01 | 1 | 4/29/2019 | 0.8 | <0.027 | <0.054 | <0.054 | <0.11 | <0.11 | <5.4 | <11 | <55 | <55 | <67 |
| SB-101-01 | 1 | 4/29/2019 | 2.2 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <10 | <51 | <51 | <62 |
| SB-103-01 | 1 | 4/29/2019 | 3.8 | <0.026 | <0.053 | <0.053 | <0.11 | <0.11 | <5.3 | <10 | <50 | <50 | <63 |
| SB-104-01 | 1 | 4/29/2019 | 4.2 | <0.028 | <0.056 | <0.056 | <0.11 | <0.11 | <5.6 | <12 | <58 | <58 | <68 |
| SB-104-01R | 1 | 7/19/2019 | 5.0 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.4 | <47 | <47 | <60 |
| SB-106-01 | 1 | 7/19/2019 | 102.1 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | 54.0 | 300 | 160 | 514 | <60 |
| SB-106-01R | 1 | 8/2/2019 | 1.6 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <11 | <55 | <55 | <68 |
| SB-106-03 | 3 | 7/19/2019 | 15.9 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | <9.3 | <47 | <47 | <60 |

**TABLE 3
SOIL ANALYTICAL RESULTS**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES LLC.**

| Sample Name | Sample Depth (feet bgs) | Sample Date | PID Reading (ppm) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-benzene (mg/kg) | Total Xylenes (mg/kg) | Total BTEX (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|-----------------------------------|-------------------------|-------------|-------------------|-----------------|-----------------|-----------------------|-----------------------|--------------------|-------------|-------------|-------------|--------------|------------------|
| SB-107-01 | 1 | 7/19/2019 | 9.5 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <9.6 | <48 | <48 | <60 |
| SB-108-01 | 1 | 7/19/2019 | 9.1 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | 17 | <46 | 17 | <59 |
| SB-109-01 | 1 | 7/19/2019 | 22.1 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.6 | <48 | <48 | <59 |
| SB-110-01 | 1 | 7/19/2019 | 5.8 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <9.5 | <47 | <47 | <61 |
| SB-111-01 | 1 | 7/19/2019 | 0.7 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | <10 | <50 | <50 | <60 |
| *SB-C | 1 | 7/19/2019 | 0.7 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <9.7 | <48 | <48 | <60 |
| SB-Pit-01 | 1 | 4/29/2019 | 3.8 | <0.028 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <11 | <55 | <55 | <67 |
| SB-Pit-07 | 7 | 4/29/2019 | 0.2 | <0.027 | <0.055 | <0.055 | <0.11 | <0.11 | <5.5 | <10 | <52 | <52 | <67 |
| <i>Discrete Grab Soil Samples</i> | | | | | | | | | | | | | |
| GR-01 | 0.25 | 4/29/2019 | 1.3 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <12 | <58 | <58 | <75 |
| GR-02 | 0.25 | 4/29/2019 | 0.7 | <0.031 | <0.062 | <0.062 | <0.12 | <0.12 | <6.2 | <12 | <61 | <61 | 90 |
| GR-03 | 0.25 | 4/29/2019 | 0.5 | <0.032 | <0.063 | <0.063 | <0.13 | <0.13 | <6.3 | <13 | <64 | <64 | 160 |
| GR-04 | 0.25 | 4/29/2019 | 0.9 | <0.032 | <0.064 | <0.064 | <0.13 | <0.13 | <6.4 | <12 | <62 | <62 | <79 |
| GR-05 | 0.25 | 4/29/2019 | 0.4 | <0.030 | <0.061 | <0.061 | <0.12 | <0.12 | <6.1 | <12 | <61 | <61 | <75 |
| GR-06 | 0.25 | 4/29/2019 | 0.6 | <0.030 | <0.060 | <0.060 | <0.12 | <0.12 | <6.0 | <11 | <57 | <57 | <72 |
| GR-07 | 0.25 | 4/29/2019 | 3,521.0 | <0.026 | 0.11 | 0.27 | 2.2 | 2.58 | 46 | 4,400 | 1,500 | 5,946 | <64 |
| GR-07R | 1 | 6/13/2019 | >15,000 | <0.059 | <0.12 | <0.12 | <0.24 | <0.24 | 55.0 | 920 | 300 | 1,275 | <72 |
| GR-07RR | 1 | 8/2/2019 | 581 | <0.024 | <0.047 | <0.047 | 0.13 | 0.13 | 77 | 1,900 | 650 | 2,627 | <71 |
| GR-07RRR | 0.6 | 9/4/2019 | 6.2 | <0.030 | <0.059 | <0.059 | <0.12 | <0.12 | <5.9 | <12 | <58 | <58 | <72 |

**TABLE 3
SOIL ANALYTICAL RESULTS**

**NEU #315H
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES LLC.**

| Sample Name | Sample Depth (feet bgs) | Sample Date | PID Reading (ppm) | Benzene (mg/kg) | Toluene (mg/kg) | Ethyl-benzene (mg/kg) | Total Xylenes (mg/kg) | Total BTEX (mg/kg) | GRO (mg/kg) | DRO (mg/kg) | MRO (mg/kg) | TPH (mg/kg) | Chloride (mg/kg) |
|---|-------------------------|-------------|-------------------|-----------------|-----------------|-----------------------|-----------------------|--------------------|-------------|-------------|-------------|--------------|------------------|
| <i>5-Point Composite Excavation Confirmation Soil Samples</i> | | | | | | | | | | | | | |
| EX-SW01 | 0-4 | 6/13/2019 | 3.6 | <0.025 | <0.051 | <0.051 | <0.10 | <0.10 | <5.1 | <10 | <52 | <52 | 82 |
| EX-SW02 | 0-4 | 6/13/2019 | 13.6 | <0.026 | <0.051 | <0.051 | <0.10 | <0.10 | <5.1 | <10 | <52 | <52 | 80 |
| EX-FS01 | 4 | 6/13/2019 | 2,016 | <0.026 | <0.052 | <0.052 | <0.10 | <0.10 | 5.7 | 410 | 180 | 595.7 | <63 |
| EX-FS01R | 5 | 7/19/2019 | 1.4 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | 460 | 250 | 710 | <60 |
| EX-FS01RR | 6 | 8/2/2019 | 2.3 | <0.020 | <0.039 | <0.039 | <0.079 | <0.079 | <3.9 | <12 | <58 | <58 | <71 |
| EX-FS02 | 4 | 6/13/2019 | 7.1 | <0.025 | <0.051 | <0.051 | <0.10 | <0.10 | <5.1 | <9.6 | <48 | <48 | 70 |
| NMOCD Table 1 Closure Criteria | | | | 10 | NE | NE | NE | 50 | NE | NE | NE | 100 | 600 |

Notes:

bgs - below ground surface
 BTEX - benzene, toluene, ethylbenzene, and total xylenes
 DRO - diesel range organics
 EX- excavation confirmation soil sample
 FS- floor soil sample
 GRO - gasoline range organics
 mg/kg - milligrams per kilogram

MRO - motor oil range organics
 NE - not established
 NMOCD - New Mexico Oil Conservation Division
 PID - photoionization detector
 ppm - parts per million
 SW- sidewall soil sample
 TPH - total petroleum hydrocarbons

Bold - indicates result exceeds the applicable regulatory standard
 < - indicates result is below laboratory reporting limits
 * - indicates field duplicate sample for soil sample immediately preceding
 Table 1 - closure criteria for soils impacted by a release per NMAC 19.15.29



**TABLE 4
QUALITY CONTROL ANALYTICAL RESULTS**

**NEU #315H RELEASE RESPONSE
SANDOVAL COUNTY, NEW MEXICO
ENDURING RESOURCES, LLC**

| SAMPLE NAME | SAMPLE DATE | BENZENE (µg/L) | TOLUENE (µg/L) | ETHYL-BENZENE (µg/L) | TOTAL XYLENES (µg/L) |
|------------------------|-------------|----------------|----------------|----------------------|----------------------|
| <i>Rinsate Blanks</i> | | | | | |
| RB-042919 | 4/29/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| RB-050819 | 5/8/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| RB-061319 | 6/13/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| RB-071919 | 7/19/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| RB-080219 | 8/2/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| RB-090419 | 9/4/2019 | <1.0 | <1.0 | <1.0 | <2.0 |
| <i>Field Blanks</i> | | | | | |
| FB-042919 | 4/29/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| FB-050819 | 5/8/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| FB-061319 | 6/13/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| FB-071919 | 7/19/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| FB-080219 | 8/2/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| FB-090419 | 9/4/2019 | <1.0 | <1.0 | <1.0 | <2.0 |
| <i>Trip Blanks</i> | | | | | |
| Trip Blank A | 4/29/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| Trip Blank B | 4/29/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| Trip Blank C | 4/29/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| Trip Blank D | 5/8/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| Trip Blank E | 6/13/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| Trip Blank F | 7/19/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| Trip Blank G | 8/2/2019 | <1.0 | <1.0 | <1.0 | <1.5 |
| Trip Blank H | 9/4/2019 | <1.0 | <1.0 | <1.0 | <2.0 |
| NMWQCC Standard | | 10 | 750 | 750 | 620 |

NOTES:

FB - field blank

µg/L - micrograms per liter

NMWQCC - New Mexico Water Quality Control Commission

RB - rinsate blank

< - indicates result is less than the stated laboratory reporting limit



APPENDIX A: PHOTOGRAPHIC LOG



PHOTOGRAPHIC LOG



Photograph 1: View of release in cut bank area prior to Dam 3A/B.



Photograph 2: Initial emergency response activities.



Photograph 3: View of oil absorbent boom in wash.



Photograph 4: Overflow Dam 5 with absorbent booms.



Photograph 5: Surface wash excavation between Dam 3A and 3B.



Photograph 6: Excavation behind Dam 2.



Photograph 7: Initial confirmation soil sampling activities in April 2019.



Photograph 8: Trench excavation below roadside culvert.



Photograph 9: Cutbank area between Dam 3A and 3B.



Photograph 10: Thin lens of impact where GR-07 was collected in cutbank.



Photograph 11: Drill holes in cutbank prior to amendment application.



Photograph 12: Microblaze amendment application to cutbank.

APPENDIX B: LABORATORY ANALYTICAL REPORTS





ANALYTICAL REPORT

March 06, 2019

LT Environmental

Sample Delivery Group: L1075359
Samples Received: 03/05/2019
Project Number: 077919003
Description: Nev 315H

Report To: Josh Adams
848 East Second Ave
Durango, CO 81301

Entire Report Reviewed By:

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

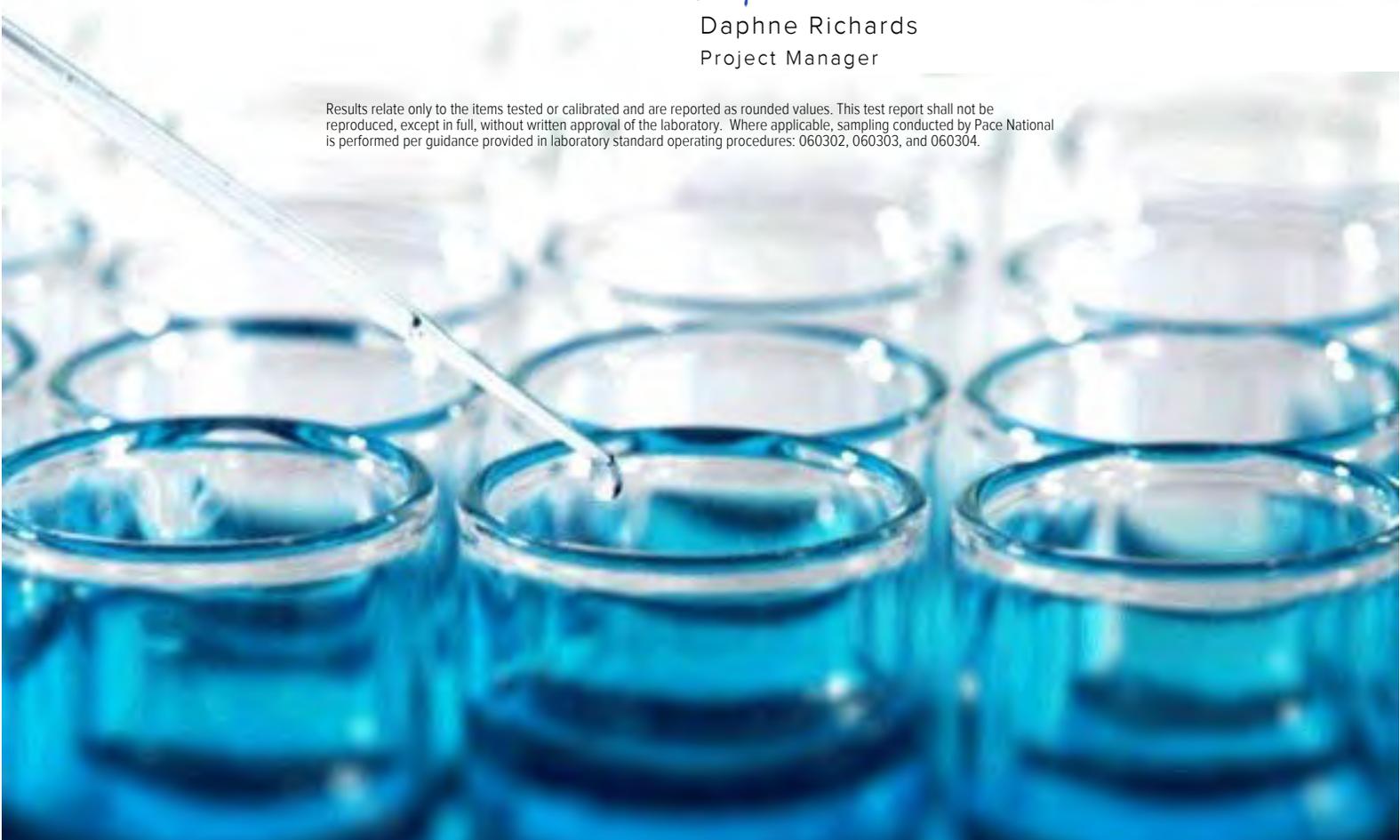


TABLE OF CONTENTS



| | | |
|---|----|-------------|
| Cp: Cover Page | 1 | 1 Cp |
| Tc: Table of Contents | 2 | |
| Ss: Sample Summary | 3 | 2 Tc |
| Cn: Case Narrative | 4 | |
| Sr: Sample Results | 5 | 3 Ss |
| WS-01 L1075359-01 | 5 | |
| WS-02 L1075359-02 | 6 | 4 Cn |
| WS-02 L1075359-03 | 7 | |
| TRIP BLANK L1075359-04 | 8 | 5 Sr |
| Qc: Quality Control Summary | 9 | 6 Qc |
| Wet Chemistry by Method 9056A | 9 | |
| Volatile Organic Compounds (GC) by Method 8021B | 10 | 7 Gl |
| Gl: Glossary of Terms | 11 | |
| Al: Accreditations & Locations | 12 | 8 Al |
| Sc: Sample Chain of Custody | 13 | 9 Sc |

SAMPLE SUMMARY

ONE LAB. NATIONWIDE.



| | | | | Collected by | Collected date/time | Received date/time | |
|---|-----------|----------|-----------------------|--------------------|---------------------|--------------------|-------------|
| WS-01 L1075359-01 GW | | | | Josh Adams | 03/01/19 09:10 | 03/05/19 09:00 | 1 Cp |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | 2 Tc |
| Volatile Organic Compounds (GC) by Method 8021B | WG1245044 | 1 | 03/05/19 19:42 | 03/05/19 19:42 | DWR | Mt. Juliet, TN | 3 Ss |
| WS-02 L1075359-02 GW | | | | Josh Adams | 03/01/19 14:20 | 03/05/19 09:00 | 4 Cn |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | 5 Sr |
| Volatile Organic Compounds (GC) by Method 8021B | WG1245044 | 1 | 03/05/19 20:03 | 03/05/19 20:03 | DWR | Mt. Juliet, TN | 6 Qc |
| WS-02 L1075359-03 GW | | | | Josh Adams | 03/01/19 14:20 | 03/05/19 09:00 | 7 GI |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | 8 AI |
| Wet Chemistry by Method 9056A | WG1245223 | 1 | 03/05/19 15:32 | 03/05/19 15:32 | ELN | Mt. Juliet, TN | 9 Sc |
| TRIP BLANK L1075359-04 GW | | | | Josh Adams | 03/01/19 00:00 | 03/05/19 09:00 | |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | |
| Volatile Organic Compounds (GC) by Method 8021B | WG1245044 | 1 | 03/05/19 20:23 | 03/05/19 20:23 | DWR | Mt. Juliet, TN | |

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

WS-01

SAMPLE RESULTS - 01

ONE LAB. NATIONWIDE.



Collected date/time: 03/01/19 09:10

L1075359

Volatile Organic Compounds (GC) by Method 8021B

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene | ND | | 0.000500 | 1 | 03/05/2019 19:42 | WG1245044 |
| Toluene | 0.00206 | | 0.00100 | 1 | 03/05/2019 19:42 | WG1245044 |
| Ethylbenzene | 0.000996 | | 0.000500 | 1 | 03/05/2019 19:42 | WG1245044 |
| Total Xylene | 0.00767 | | 0.00150 | 1 | 03/05/2019 19:42 | WG1245044 |
| (S) o,a,a-Trifluorotoluene(PID) | 98.2 | | 79.0-125 | | 03/05/2019 19:42 | WG1245044 |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

WS-02

SAMPLE RESULTS - 02

ONE LAB. NATIONWIDE.



Collected date/time: 03/01/19 14:20

L1075359

Volatile Organic Compounds (GC) by Method 8021B

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene | ND | | 0.000500 | 1 | 03/05/2019 20:03 | WG1245044 |
| Toluene | ND | | 0.00100 | 1 | 03/05/2019 20:03 | WG1245044 |
| Ethylbenzene | ND | | 0.000500 | 1 | 03/05/2019 20:03 | WG1245044 |
| Total Xylene | ND | | 0.00150 | 1 | 03/05/2019 20:03 | WG1245044 |
| (S) o,a,a-Trifluorotoluene(PID) | 99.1 | | 79.0-125 | | 03/05/2019 20:03 | WG1245044 |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

WS-02

SAMPLE RESULTS - 03

ONE LAB. NATIONWIDE.



Collected date/time: 03/01/19 14:20

L1075359

Wet Chemistry by Method 9056A

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|----------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Chloride | 1.63 | | 1.00 | 1 | 03/05/2019 15:32 | WG1245223 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

TRIP BLANK

SAMPLE RESULTS - 04

ONE LAB. NATIONWIDE.



Collected date/time: 03/01/19 00:00

L1075359

Volatile Organic Compounds (GC) by Method 8021B

| Analyte | Result mg/l | Qualifier | RDL mg/l | Dilution | Analysis date / time | Batch |
|---------------------------------|----------------|-----------|-------------|----------|-------------------------|---------------------------|
| Benzene | ND | | 0.000500 | 1 | 03/05/2019 20:23 | WG1245044 |
| Toluene | ND | | 0.00100 | 1 | 03/05/2019 20:23 | WG1245044 |
| Ethylbenzene | ND | | 0.000500 | 1 | 03/05/2019 20:23 | WG1245044 |
| Total Xylene | ND | | 0.00150 | 1 | 03/05/2019 20:23 | WG1245044 |
| (S) o,a,a-Trifluorotoluene(PID) | 98.9 | | 79.0-125 | | 03/05/2019 20:23 | WG1245044 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG1245223

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Wet Chemistry by Method 9056A

[L1075359-03](#)

Method Blank (MB)

(MB) R3388924-1 03/05/19 11:28

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|----------|-------------------|--------------|----------------|----------------|
| Chloride | U | | 0.0519 | 1.00 |

1 Cp

2 Tc

3 Ss

L1072975-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1072975-02 03/05/19 12:48 • (DUP) R3388924-3 03/05/19 13:03

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|----------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Chloride | 1130 | 1130 | 1 | 0.321 | <u>E</u> | 15 |

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS)

(LCS) R3388924-2 03/05/19 11:43

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|----------|----------------------|--------------------|---------------|------------------|---------------|
| Chloride | 40.0 | 40.7 | 102 | 80.0-120 | |

7 Gl

8 Al

L1072975-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1072975-02 03/05/19 12:48 • (MS) R3388924-4 03/05/19 13:18 • (MSD) R3388924-5 03/05/19 13:33

| Analyte | Spike Amount mg/l | Original Result mg/l | MS Result mg/l | MSD Result mg/l | MS Rec. % | MSD Rec. % | Dilution | Rec. Limits % | MS Qualifier | MSD Qualifier | RPD % | RPD Limits % |
|----------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Chloride | 50.0 | 1130 | 1120 | 1120 | 0.000 | 0.000 | 1 | 80.0-120 | <u>E V</u> | <u>E V</u> | 0.157 | 15 |

9 Sc

WG1245044

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Volatile Organic Compounds (GC) by Method 8021B

[L1075359-01.02.04](#)

Method Blank (MB)

(MB) R3389012-3 03/05/19 18:48

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------------------------|-------------------|--------------|----------------|----------------|
| Benzene | U | | 0.000190 | 0.000500 |
| Toluene | U | | 0.000412 | 0.00100 |
| Ethylbenzene | U | | 0.000160 | 0.000500 |
| Total Xylene | U | | 0.000510 | 0.00150 |
| (S) a,a,a-Trifluorotoluene(PID) | 98.9 | | | 79.0-125 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3389012-1 03/05/19 17:46 • (LCSD) R3389012-2 03/05/19 18:06

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCSD Result mg/l | LCS Rec. % | LCSD Rec. % | Rec. Limits % | LCS Qualifier | LCSD Qualifier | RPD % | RPD Limits % |
|------------------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene | 0.0500 | 0.0559 | 0.0526 | 112 | 105 | 77.0-122 | | | 6.05 | 20 |
| Toluene | 0.0500 | 0.0520 | 0.0487 | 104 | 97.4 | 80.0-121 | | | 6.63 | 20 |
| Ethylbenzene | 0.0500 | 0.0542 | 0.0509 | 108 | 102 | 80.0-123 | | | 6.32 | 20 |
| Total Xylene | 0.150 | 0.161 | 0.151 | 107 | 100 | 47.0-154 | | | 6.62 | 20 |
| (S) a,a,a-Trifluorotoluene(PID) | | | | 99.5 | 99.6 | 79.0-125 | | | | |

6 Qc

7 Gl

8 Al

9 Sc

L1075042-13 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1075042-13 03/06/19 02:01 • (MS) R3389012-4 03/06/19 02:22 • (MSD) R3389012-5 03/06/19 02:42

| Analyte | Spike Amount mg/l | Original Result mg/l | MS Result mg/l | MSD Result mg/l | MS Rec. % | MSD Rec. % | Dilution | Rec. Limits % | MS Qualifier | MSD Qualifier | RPD % | RPD Limits % |
|------------------------------------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Benzene | 0.0500 | 0.114 | 0.180 | 0.168 | 132 | 108 | 1 | 10.0-160 | | | 6.88 | 21 |
| Toluene | 0.0500 | U | 0.0596 | 0.0522 | 119 | 104 | 1 | 12.0-148 | | | 13.1 | 21 |
| Ethylbenzene | 0.0500 | 0.0291 | 0.0913 | 0.0827 | 124 | 107 | 1 | 22.0-149 | | | 9.88 | 21 |
| Total Xylene | 0.150 | U | 0.208 | 0.186 | 139 | 124 | 1 | 13.0-155 | J5 | | 11.3 | 21 |
| (S) a,a,a-Trifluorotoluene(PID) | | | | | 104 | 103 | | 79.0-125 | | | | |



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| (S) | Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

Qualifier Description

| | |
|----|---|
| E | The analyte concentration exceeds the upper limit of the calibration range of the instrument established by the initial calibration (ICAL). |
| J5 | The sample matrix interfered with the ability to make any accurate determination; spike value is high. |
| V | The sample concentration is too high to evaluate accurate spike recoveries. |

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

State Accreditations

| | | | |
|------------------------|-------------|-----------------------------|------------------|
| Alabama | 40660 | Nebraska | NE-OS-15-05 |
| Alaska | 17-026 | Nevada | TN-03-2002-34 |
| Arizona | AZ0612 | New Hampshire | 2975 |
| Arkansas | 88-0469 | New Jersey-NELAP | TN002 |
| California | 2932 | New Mexico ¹ | n/a |
| Colorado | TN00003 | New York | 11742 |
| Connecticut | PH-0197 | North Carolina | Env375 |
| Florida | E87487 | North Carolina ¹ | DW21704 |
| Georgia | NELAP | North Carolina ³ | 41 |
| Georgia ¹ | 923 | North Dakota | R-140 |
| Idaho | TN00003 | Ohio-VAP | CL0069 |
| Illinois | 200008 | Oklahoma | 9915 |
| Indiana | C-TN-01 | Oregon | TN200002 |
| Iowa | 364 | Pennsylvania | 68-02979 |
| Kansas | E-10277 | Rhode Island | LA000356 |
| Kentucky ¹⁶ | 90010 | South Carolina | 84004 |
| Kentucky ² | 16 | South Dakota | n/a |
| Louisiana | AI30792 | Tennessee ¹⁴ | 2006 |
| Louisiana ¹ | LA180010 | Texas | T104704245-18-15 |
| Maine | TN0002 | Texas ⁵ | LAB0152 |
| Maryland | 324 | Utah | TN00003 |
| Massachusetts | M-TN003 | Vermont | VT2006 |
| Michigan | 9958 | Virginia | 460132 |
| Minnesota | 047-999-395 | Washington | C847 |
| Mississippi | TN00003 | West Virginia | 233 |
| Missouri | 340 | Wisconsin | 9980939910 |
| Montana | CERT0086 | Wyoming | A2LA |

Third Party Federal Accreditations

| | | | |
|-------------------------------|---------|--------------------|---------------|
| A2LA – ISO 17025 | 1461.01 | AIHA-LAP,LLC EMLAP | 100789 |
| A2LA – ISO 17025 ⁵ | 1461.02 | DOD | 1461.01 |
| Canada | 1461.01 | USDA | P330-15-00234 |
| EPA-Crypto | TN00003 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



D136

| | | | | | | | | | | | | | |
|--|-----------|---|-------|--|-------|---|--|--|---------------------|--|--|------------------------------------|--|
| Company Name/Address LT ENVIRONMENTAL, INC. 2243 Main Avenue, Ste. 3 DURANGO, CO 81301 | | Alternate Billing LIEMVCO1018125 | | Analysis/Container/Preservative | | | | | | Chain of Custody Page ___ of ___ | | | |
| Report to: Josh Adams | | E-mail to: JAdams@Ltenv.com | | 8021B BTEX 8015-DRO/ORO T PH 8015-GRO Chlorides | | | | | | Prepared by: ENVIRONMENTAL SCIENCE CORP 12065 Lebanon Road Mt. Juliet TN 37122 Phone (615)758-5858 Phone (800) 767-5859 FAX (615)758-5859 | | | |
| Project Description: NEU 315H | | City/State Collected: NM | | | | | | | | CoCode (lab use only) | | LTVENCO | |
| PHONE: 970-946-1093 FAX: 970-385-1873 | | Client Project No. 077919003 | | | | | | | | Lab Project # | | Template/Prelogin | |
| Collected by: Josh Adams | | Site/Facility ID# | | | | | | | | P.O.# | | Shipped Via: Fed Ex 1075359 | |
| Collected by (signature): | | Rush? (Lab MUST be Notified) <input checked="" type="checkbox"/> Next Day.....100% <input type="checkbox"/> Two Day.....50% <input type="checkbox"/> Three Day.....25% | | Date Results Needed 3/8/19 | | No ___ of ___ Email? ___ No ___ X ___ Yes FAX? ___ No ___ Yes | | | | | | | |
| Packed on Ice N ___ Y <input checked="" type="checkbox"/> | | | | | | | | | | | | | |
| Sample ID | Comp/Grab | Matrix | Depth | Date | Time | Cnts | | | Remarks/contaminant | Sample # (lab only) | | | |
| WS-01 | Grab | H2O | | 3-1-19 | 09:10 | 3 | | | | -01 | | | |
| WS-02 | ↓ | ↓ | | 3-1-19 | 14:20 | 6 | | | | 02 | | | |
| WS-03 | ↓ | ↓ | | 3-1-19 | 14:20 | 1 | | | | 03 | | | |
| Trip Blank | | | | | | 2 | | | | 04 | | | |

Matrix: SS-Soil/Solid GW-Groundwater WW-Wastewater DW-Drinking Water OT-Other _____

pH _____ Temp _____

Flow _____ Other _____

Remarks:

| | | | | | |
|---------------------------------|------------------------|-----------------------|--|---|--------------------------------|
| Relinquisher by (Signature) | Date: 3-4-19 | Time: 15:30 | Received by (Signature) | Samples returned via: FedEx <input checked="" type="checkbox"/> UPS ___ Other ___ | Condition (lab use only) |
| Relinquisher by (Signature) | Date: | Time: | Received by (Signature) | Temp: 4.3-0.2=4.15 | Bottles Received: 10 |
| Relinquisher by (Signature) | Date: | Time: | Received for lab by (Signature) am | Date: 3/5/19 | Time: 9:00 |

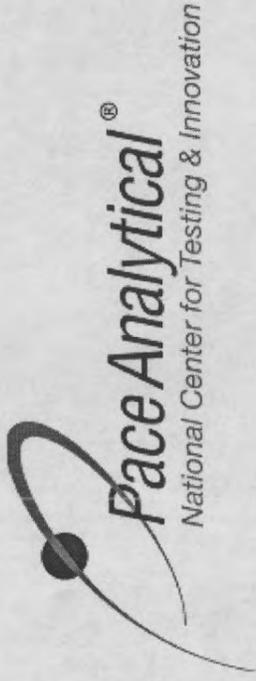
RAD SCREEN: <0.5 mR/hr **NCF**

7858 7857 4156 Trip Blank 2?

Pace Analytical National Center for Testing & Innovation Cooler Receipt Form

| Client: <i>LTENVCO</i> | SDG#: | <i>1075359</i> | |
|---|-------------------------------------|-------------------------------------|----|
| Cooler Received/Opened On: <i>3 / 05 / 19</i> | Temperature: | <i>4.1</i> | |
| Received By: Cole Medley | | | |
| Signature: <i>[Signature]</i> | | | |
| Receipt Check List | NP | Yes | No |
| COC Seal Present / Intact? | <input checked="" type="checkbox"/> | | |
| COC Signed / Accurate? | | <input checked="" type="checkbox"/> | |
| Bottles arrive intact? | | <input checked="" type="checkbox"/> | |
| Correct bottles used? | | <input checked="" type="checkbox"/> | |
| Sufficient volume sent? | | <input checked="" type="checkbox"/> | |
| If Applicable | | | |
| VOA Zero headspace? | | <input checked="" type="checkbox"/> | |
| Preservation Correct / Checked? | | | |

Kelsey Stephenson



| | | | |
|------------------|----------------|------------|-----------------------|
| Login #:L1075359 | Client:LTENVCO | Date:03/05 | Evaluated by:Kelsey S |
|------------------|----------------|------------|-----------------------|

Non-Conformance (check applicable items)

| Sample Integrity | Chain of Custody Clarification | If Broken Container: |
|--|--|--|
| Parameter(s) past holding time <input checked="" type="checkbox"/> | Login Clarification Needed | Insufficient packing material around container |
| Temperature not in range | Chain of custody is incomplete | Insufficient packing material inside cooler |
| Improper container type | Please specify Metals requested. | Improper handling by carrier (FedEx / UPS / Courier) |
| pH not in range. | Please specify TCLP requested. | Sample was frozen |
| Insufficient sample volume. | Received additional samples not listed on coc. | Container lid not intact |
| Sample is biphasic. | Sample ids on containers do not match ids on coc | If no Chain of Custody: |
| Vials received with headspace. | Trip Blank not received. | Received by: |
| Broken container | Client did not "X" analysis. | Date/Time: |
| Broken container: | Chain of Custody is missing | Temp./Cont. Rec./pH: |
| Sufficient sample remains | | Carrier: |
| | | Tracking# |

Login Comments:

- Only received:**
- 3 40ml-HCL vials for WS-01**
- 6 40ml-HCL vials for WS-02**
- 1 500ml-nopres for WS-03**

| | | | | | |
|---------------------|--------------------|-------|--|----------|------------|
| Client informed by: | Call | Email | <input checked="" type="checkbox"/> Voice Mail | Date:3/5 | Time: 1255 |
| TSR Initials:DR | Client Contact: JA | | | | |

Login Instructions:

- WS-01 Note limited sample volume. Log for BTEX, DROOROLVI.
- WS-02 Log for BTEX, DROOROLVI
- WS-03 log for chloride only



ANALYTICAL REPORT

March 11, 2019

Enduring Resources

Sample Delivery Group: L1076219
Samples Received: 03/07/2019
Project Number: NEU #315H
Description: NEU #315H
Site: NEU #315H
Report To: James McDaniel
200 Energy Court
Farmington, NM 87401

Entire Report Reviewed By:

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

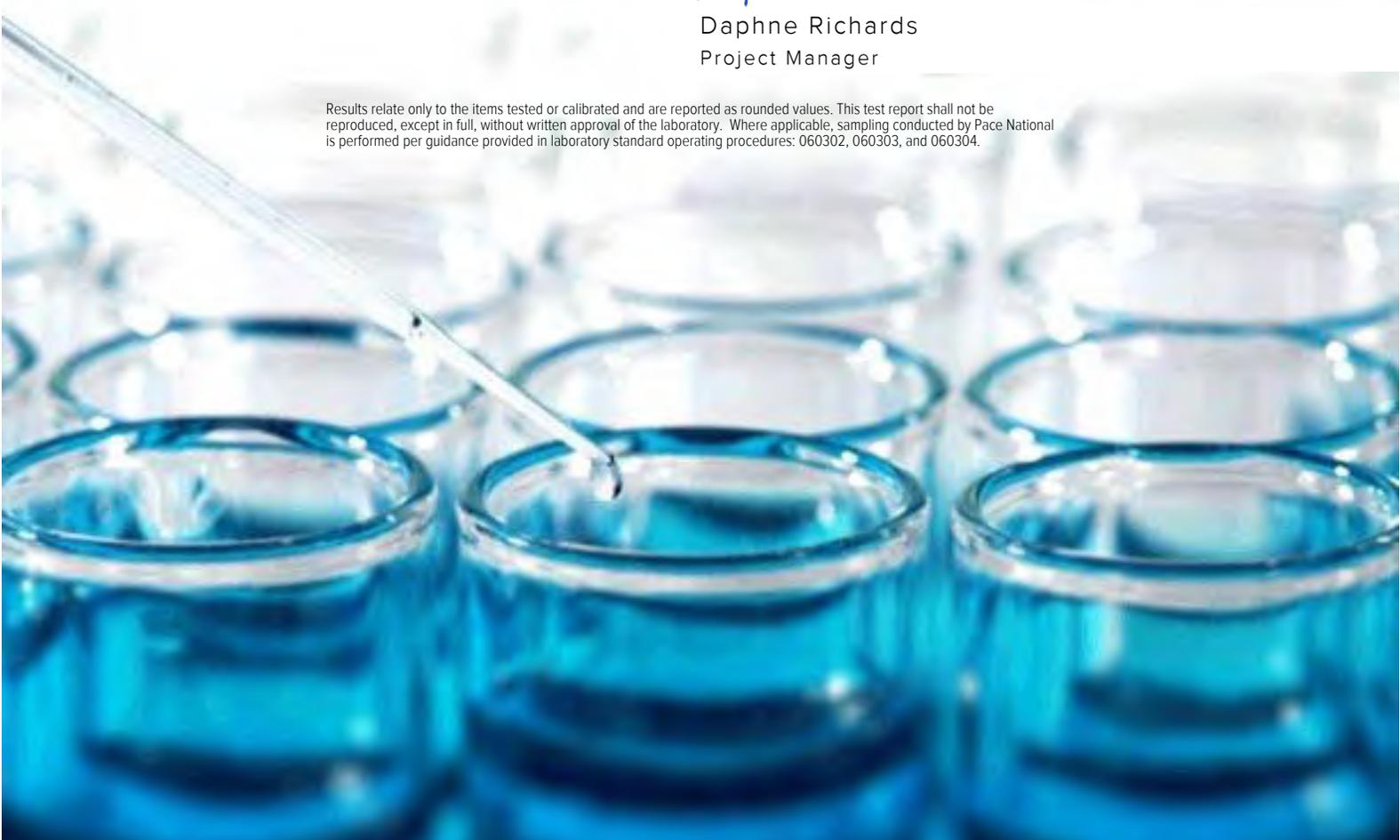


TABLE OF CONTENTS

| | | |
|---|-----------|---|
| Cp: Cover Page | 1 |  |
| Tc: Table of Contents | 2 | |
| Ss: Sample Summary | 3 |  |
| Cn: Case Narrative | 4 | |
| Sr: Sample Results | 5 |  |
| WS-03 L1076219-01 | 5 | |
| WS-04 L1076219-02 | 6 |  |
| Qc: Quality Control Summary | 7 |  |
| Wet Chemistry by Method 9056A | 7 | |
| Volatile Organic Compounds (GC) by Method 8021B | 8 |  |
| Gl: Glossary of Terms | 10 |  |
| Al: Accreditations & Locations | 11 | |
| Sc: Sample Chain of Custody | 12 |  |
| | |  |

SAMPLE SUMMARY



| | | | | Collected by | Collected date/time | Received date/time | |
|---|-----------|----------|-----------------------|--------------------|---------------------|--------------------|--|
| WS-03 L1076219-01 GW | | | | DB/CM | 03/04/19 15:45 | 03/07/19 09:00 | |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | |
| Wet Chemistry by Method 9056A | WG1246555 | 1 | 03/08/19 02:32 | 03/08/19 02:32 | ELN | Mt. Juliet, TN | |
| Volatile Organic Compounds (GC) by Method 8021B | WG1246656 | 2 | 03/07/19 18:15 | 03/07/19 18:15 | BMB | Mt. Juliet, TN | |
| Volatile Organic Compounds (GC) by Method 8021B | WG1246916 | 2 | 03/09/19 14:53 | 03/09/19 14:53 | DWR | Mt. Juliet, TN | |

1 Cp

2 Tc

3 Ss

4 Cn

| | | | | Collected by | Collected date/time | Received date/time | |
|---|-----------|----------|-----------------------|--------------------|---------------------|--------------------|--|
| WS-04 L1076219-02 GW | | | | DB/CM | 03/05/19 16:08 | 03/07/19 09:00 | |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | |
| Wet Chemistry by Method 9056A | WG1246555 | 1 | 03/08/19 02:47 | 03/08/19 02:47 | ELN | Mt. Juliet, TN | |
| Volatile Organic Compounds (GC) by Method 8021B | WG1246656 | 2 | 03/07/19 18:39 | 03/07/19 18:39 | BMB | Mt. Juliet, TN | |

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ GI

⁸ AI

⁹ Sc

WS-03

SAMPLE RESULTS - 01

ONE LAB. NATIONWIDE.



Collected date/time: 03/04/19 15:45

L1076219

Wet Chemistry by Method 9056A

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|----------|--------|-----------|------|----------|----------------------|---------------------------|
| Chloride | 9.23 | | 1.00 | 1 | 03/08/2019 02:32 | WG1246555 |

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method 8021B

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------------------------------|--------|-----------|----------|----------|----------------------|---------------------------|
| Benzene | ND | | 0.00100 | 2 | 03/09/2019 14:53 | WG1246916 |
| Toluene | ND | | 0.00200 | 2 | 03/07/2019 18:15 | WG1246656 |
| Ethylbenzene | ND | | 0.00100 | 2 | 03/07/2019 18:15 | WG1246656 |
| Total Xylene | ND | | 0.00300 | 2 | 03/07/2019 18:15 | WG1246656 |
| (S) a,a,a-Trifluorotoluene(PID) | 96.2 | | 79.0-125 | | 03/07/2019 18:15 | WG1246656 |
| (S) a,a,a-Trifluorotoluene(PID) | 96.3 | | 79.0-125 | | 03/09/2019 14:53 | WG1246916 |

3 Ss

4 Cn

5 Sr

6 Qc

Sample Narrative:

L1076219-01 WG1246916: Lowest possible dilution due to sediment in sample vial.

7 GI

8 AI

9 Sc

WS-04

SAMPLE RESULTS - 02

ONE LAB. NATIONWIDE.



Collected date/time: 03/05/19 16:08

L1076219

Wet Chemistry by Method 9056A

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|----------|--------|-----------|------|----------|----------------------|---------------------------|
| Chloride | 21.5 | | 1.00 | 1 | 03/08/2019 02:47 | WG1246555 |

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method 8021B

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------------------------------|--------|-----------|----------|----------|----------------------|---------------------------|
| Benzene | ND | | 0.00100 | 2 | 03/07/2019 18:39 | WG1246656 |
| Toluene | ND | | 0.00200 | 2 | 03/07/2019 18:39 | WG1246656 |
| Ethylbenzene | ND | | 0.00100 | 2 | 03/07/2019 18:39 | WG1246656 |
| Total Xylene | ND | | 0.00300 | 2 | 03/07/2019 18:39 | WG1246656 |
| (S) a,a,a-Trifluorotoluene(PID) | 96.5 | | 79.0-125 | | 03/07/2019 18:39 | WG1246656 |

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG1246555

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Wet Chemistry by Method 9056A

[L1076219-01,02](#)

Method Blank (MB)

(MB) R3389858-1 03/07/19 09:14

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|----------|-------------------|--------------|----------------|----------------|
| Chloride | U | | 0.0519 | 1.00 |

1 Cp

2 Tc

3 Ss

L1076196-02 Original Sample (OS) • Duplicate (DUP)

(OS) L1076196-02 03/07/19 17:36 • (DUP) R3389858-3 03/07/19 17:50

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|----------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Chloride | 5.86 | 5.86 | 1 | 0.0290 | | 15 |

4 Cn

5 Sr

6 Qc

L1076197-03 Original Sample (OS) • Duplicate (DUP)

(OS) L1076197-03 03/07/19 22:04 • (DUP) R3389858-6 03/07/19 22:19

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|----------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Chloride | 13.5 | 13.5 | 1 | 0.0905 | | 15 |

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3389858-2 03/07/19 09:28

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|----------|----------------------|--------------------|---------------|------------------|---------------|
| Chloride | 40.0 | 39.5 | 98.7 | 80.0-120 | |

L1076196-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1076196-02 03/07/19 17:36 • (MS) R3389858-4 03/07/19 18:05 • (MSD) R3389858-5 03/07/19 18:20

| Analyte | Spike Amount mg/l | Original Result mg/l | MS Result mg/l | MSD Result mg/l | MS Rec. % | MSD Rec. % | Dilution | Rec. Limits % | MS Qualifier | MSD Qualifier | RPD % | RPD Limits % |
|----------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Chloride | 50.0 | 5.86 | 55.6 | 55.5 | 99.6 | 99.3 | 1 | 80.0-120 | | | 0.248 | 15 |

L1076197-03 Original Sample (OS) • Matrix Spike (MS)

(OS) L1076197-03 03/07/19 22:04 • (MS) R3389858-7 03/07/19 22:34

| Analyte | Spike Amount mg/l | Original Result mg/l | MS Result mg/l | MS Rec. % | Dilution | Rec. Limits % | MS Qualifier |
|----------|----------------------|-------------------------|-------------------|--------------|----------|------------------|--------------|
| Chloride | 50.0 | 13.5 | 63.7 | 100 | 1 | 80.0-120 | |

WG1246656

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Volatile Organic Compounds (GC) by Method 8021B

[L1076219-01,02](#)

Method Blank (MB)

(MB) R3389749-2 03/07/19 12:09

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------------------------|-------------------|--------------|----------------|----------------|
| Benzene | U | | 0.000190 | 0.000500 |
| Toluene | U | | 0.000412 | 0.00100 |
| Ethylbenzene | U | | 0.000160 | 0.000500 |
| Total Xylene | U | | 0.000510 | 0.00150 |
| (S) a,a,a-Trifluorotoluene(PID) | 95.8 | | | 79.0-125 |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

Laboratory Control Sample (LCS)

(LCS) R3389749-1 03/07/19 10:22

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------------------------|----------------------|--------------------|---------------|------------------|---------------|
| Benzene | 0.0500 | 0.0521 | 104 | 77.0-122 | |
| Toluene | 0.0500 | 0.0480 | 95.9 | 80.0-121 | |
| Ethylbenzene | 0.0500 | 0.0491 | 98.1 | 80.0-123 | |
| Total Xylene | 0.150 | 0.155 | 103 | 47.0-154 | |
| (S) a,a,a-Trifluorotoluene(PID) | | | 96.5 | 79.0-125 | |

WG1246916

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Volatile Organic Compounds (GC) by Method 8021B

[L1076219-01](#)

Method Blank (MB)

(MB) R3390230-2 03/09/19 13:18

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------------------------|-------------------|--------------|----------------|----------------|
| Benzene | U | | 0.000190 | 0.000500 |
| (S) a,a,a-Trifluorotoluene(PID) | 96.2 | | | 79.0-125 |

1 Cp

2 Tc

3 Ss

4 Cn

Laboratory Control Sample (LCS)

(LCS) R3390230-1 03/09/19 12:03

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------------------------|----------------------|--------------------|---------------|------------------|---------------|
| Benzene | 0.0500 | 0.0506 | 101 | 77.0-122 | |
| (S) a,a,a-Trifluorotoluene(PID) | | | 96.7 | 79.0-125 | |

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| (S) | Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

State Accreditations

| | | | |
|------------------------|-------------|-----------------------------|------------------|
| Alabama | 40660 | Nebraska | NE-OS-15-05 |
| Alaska | 17-026 | Nevada | TN-03-2002-34 |
| Arizona | AZ0612 | New Hampshire | 2975 |
| Arkansas | 88-0469 | New Jersey-NELAP | TN002 |
| California | 2932 | New Mexico ¹ | n/a |
| Colorado | TN00003 | New York | 11742 |
| Connecticut | PH-0197 | North Carolina | Env375 |
| Florida | E87487 | North Carolina ¹ | DW21704 |
| Georgia | NELAP | North Carolina ³ | 41 |
| Georgia ¹ | 923 | North Dakota | R-140 |
| Idaho | TN00003 | Ohio-VAP | CL0069 |
| Illinois | 200008 | Oklahoma | 9915 |
| Indiana | C-TN-01 | Oregon | TN200002 |
| Iowa | 364 | Pennsylvania | 68-02979 |
| Kansas | E-10277 | Rhode Island | LA000356 |
| Kentucky ¹⁶ | 90010 | South Carolina | 84004 |
| Kentucky ² | 16 | South Dakota | n/a |
| Louisiana | AI30792 | Tennessee ¹⁴ | 2006 |
| Louisiana ¹ | LA180010 | Texas | T104704245-18-15 |
| Maine | TN0002 | Texas ⁵ | LAB0152 |
| Maryland | 324 | Utah | TN00003 |
| Massachusetts | M-TN003 | Vermont | VT2006 |
| Michigan | 9958 | Virginia | 460132 |
| Minnesota | 047-999-395 | Washington | C847 |
| Mississippi | TN00003 | West Virginia | 233 |
| Missouri | 340 | Wisconsin | 9980939910 |
| Montana | CERT0086 | Wyoming | A2LA |

Third Party Federal Accreditations

| | | | |
|-------------------------------|---------|--------------------|---------------|
| A2LA – ISO 17025 | 1461.01 | AIHA-LAP,LLC EMLAP | 100789 |
| A2LA – ISO 17025 ⁵ | 1461.02 | DOD | 1461.01 |
| Canada | 1461.01 | USDA | P330-15-00234 |
| EPA-Crypto | TN00003 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.





ANALYTICAL REPORT

March 17, 2019

Enduring Resources

Sample Delivery Group: L1078215
Samples Received: 03/13/2019
Project Number: 077919003
Description: NEU #315H

Report To: James McDaniel
200 Energy Court
Farmington, NM 87401

Entire Report Reviewed By:

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

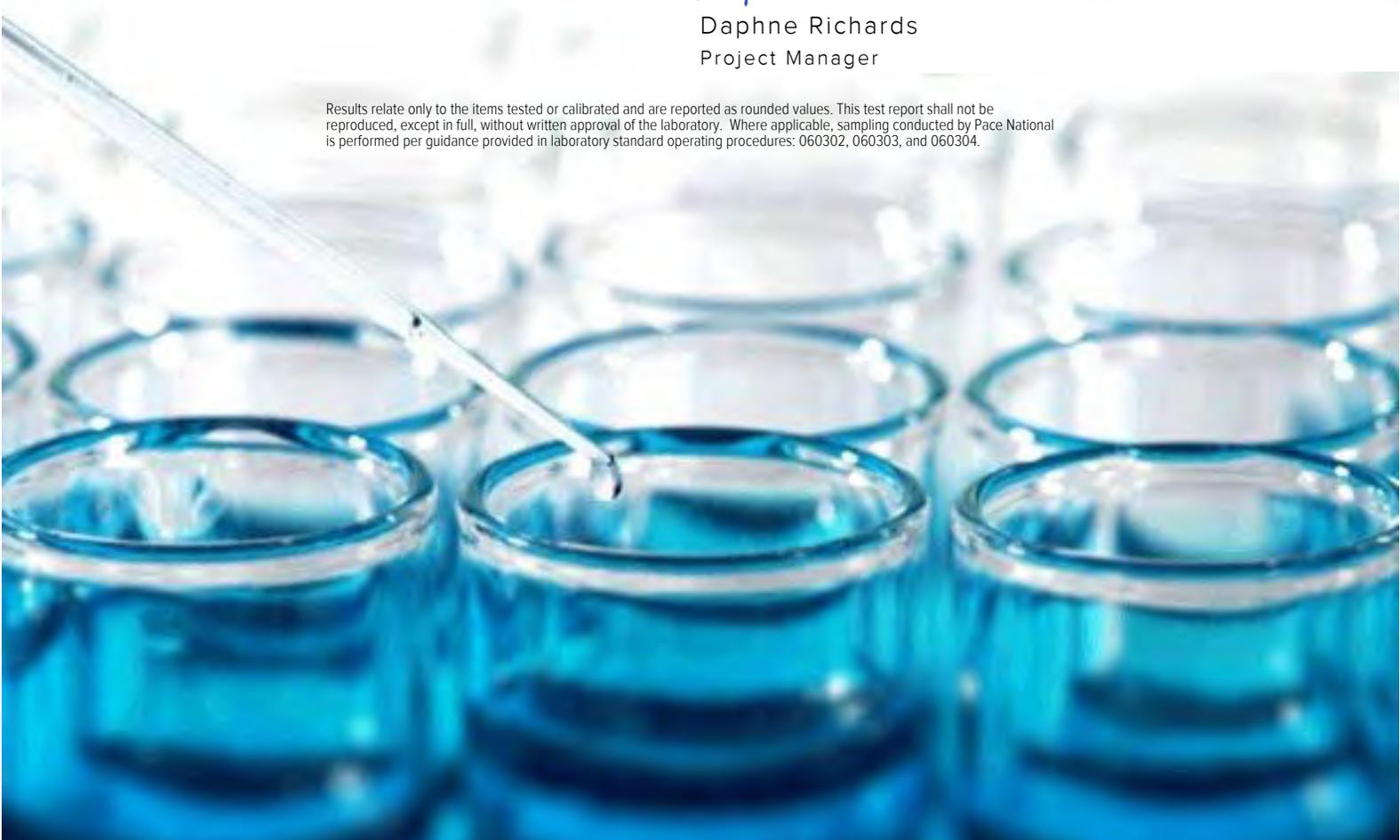


TABLE OF CONTENTS



| | | |
|--|----|--|
| Cp: Cover Page | 1 | |
| Tc: Table of Contents | 2 | |
| Ss: Sample Summary | 3 | |
| Cn: Case Narrative | 4 | |
| Sr: Sample Results | 5 | |
| SCRAPE 01 L1078215-01 | 5 | |
| SURFACE 01 L1078215-02 | 6 | |
| Qc: Quality Control Summary | 7 | |
| Total Solids by Method 2540 G-2011 | 7 | |
| Wet Chemistry by Method 9056A | 8 | |
| Volatile Organic Compounds (GC) by Method 8015/8021 | 9 | |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | 11 | |
| GI: Glossary of Terms | 12 | |
| AI: Accreditations & Locations | 13 | |
| Sc: Sample Chain of Custody | 14 | |

SAMPLE SUMMARY



| SCRAPE 01 L1078215-01 Solid | | | | Collected by | Collected date/time | Received date/time |
|---|-----------|----------|-----------------------|--------------------|---------------------|--------------------|
| | | | | DB / CM | 03/08/19 16:40 | 03/13/19 08:45 |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
| Total Solids by Method 2540 G-2011 | WG1249656 | 1 | 03/14/19 10:46 | 03/14/19 10:55 | JD | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG1249390 | 1 | 03/14/19 17:30 | 03/15/19 11:07 | ELN | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015/8021 | WG1249715 | 1 | 03/13/19 15:28 | 03/14/19 12:01 | ACG | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1249556 | 1 | 03/13/19 21:59 | 03/14/19 11:24 | KME | Mt. Juliet, TN |

1 Cp

2 Tc

3 Ss

4 Cn

| SURFACE 01 L1078215-02 Solid | | | | Collected by | Collected date/time | Received date/time |
|---|-----------|----------|-----------------------|--------------------|---------------------|--------------------|
| | | | | DB / CM | 03/08/19 16:45 | 03/13/19 08:45 |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
| Total Solids by Method 2540 G-2011 | WG1249656 | 1 | 03/14/19 10:46 | 03/14/19 10:55 | JD | Mt. Juliet, TN |
| Wet Chemistry by Method 9056A | WG1249390 | 1 | 03/14/19 17:30 | 03/15/19 11:24 | ELN | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8015/8021 | WG1249715 | 100 | 03/13/19 15:28 | 03/14/19 12:21 | ACG | Mt. Juliet, TN |
| Semi-Volatile Organic Compounds (GC) by Method 8015 | WG1249556 | 200 | 03/13/19 21:59 | 03/14/19 15:39 | KME | Mt. Juliet, TN |

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 GI
- 8 AI
- 9 Sc

SCRAPE 01

SAMPLE RESULTS - 01

ONE LAB. NATIONWIDE.



Collected date/time: 03/08/19 16:40

L1078215

Total Solids by Method 2540 G-2011

| Analyte | Result | Qualifier | Dilution | Analysis date / time | Batch |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 87.0 | | 1 | 03/14/2019 10:55 | WG1249656 |

1 Cp

2 Tc

Wet Chemistry by Method 9056A

| Analyte | Result (dry) | Qualifier | RDL (dry) | Dilution | Analysis date / time | Batch |
|----------|--------------|-----------|-----------|----------|----------------------|---------------------------|
| Chloride | 27.1 | B | 11.5 | 1 | 03/15/2019 11:07 | WG1249390 |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015/8021

| Analyte | Result (dry) | Qualifier | RDL (dry) | Dilution | Analysis date / time | Batch |
|---------------------------------|--------------|-----------|-----------|----------|----------------------|---------------------------|
| Benzene | 0.00180 | | 0.000574 | 1 | 03/14/2019 12:01 | WG1249715 |
| Toluene | ND | | 0.00574 | 1 | 03/14/2019 12:01 | WG1249715 |
| Ethylbenzene | 0.00109 | J3 | 0.000574 | 1 | 03/14/2019 12:01 | WG1249715 |
| Total Xylene | 0.00395 | | 0.00172 | 1 | 03/14/2019 12:01 | WG1249715 |
| TPH (GC/FID) Low Fraction | 0.402 | | 0.115 | 1 | 03/14/2019 12:01 | WG1249715 |
| (S) a,a,a-Trifluorotoluene(FID) | 90.7 | | 77.0-120 | | 03/14/2019 12:01 | WG1249715 |
| (S) a,a,a-Trifluorotoluene(PID) | 93.3 | | 72.0-128 | | 03/14/2019 12:01 | WG1249715 |

5 Sr

6 Qc

7 GI

8 AI

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte | Result (dry) | Qualifier | RDL (dry) | Dilution | Analysis date / time | Batch |
|----------------------|--------------|-----------|-----------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 11.2 | | 4.60 | 1 | 03/14/2019 11:24 | WG1249556 |
| C28-C40 Oil Range | 4.60 | | 4.60 | 1 | 03/14/2019 11:24 | WG1249556 |
| (S) o-Terphenyl | 82.1 | | 18.0-148 | | 03/14/2019 11:24 | WG1249556 |

SURFACE 01

SAMPLE RESULTS - 02

ONE LAB. NATIONWIDE.



Collected date/time: 03/08/19 16:45

L1078215

Total Solids by Method 2540 G-2011

| Analyte | Result | Qualifier | Dilution | Analysis date / time | Batch |
|--------------|--------|-----------|----------|----------------------|---------------------------|
| Total Solids | 87.5 | | 1 | 03/14/2019 10:55 | WG1249656 |

1 Cp

2 Tc

Wet Chemistry by Method 9056A

| Analyte | Result (dry) | Qualifier | RDL (dry) | Dilution | Analysis date / time | Batch |
|----------|--------------|-----------|-----------|----------|----------------------|---------------------------|
| Chloride | 35.2 | <u>B</u> | 11.4 | 1 | 03/15/2019 11:24 | WG1249390 |

3 Ss

4 Cn

Volatile Organic Compounds (GC) by Method 8015/8021

| Analyte | Result (dry) | Qualifier | RDL (dry) | Dilution | Analysis date / time | Batch |
|---------------------------------|--------------|-----------|-----------|----------|----------------------|---------------------------|
| Benzene | 0.146 | | 0.0571 | 100 | 03/14/2019 12:21 | WG1249715 |
| Toluene | ND | | 0.571 | 100 | 03/14/2019 12:21 | WG1249715 |
| Ethylbenzene | 0.378 | | 0.0571 | 100 | 03/14/2019 12:21 | WG1249715 |
| Total Xylene | 4.71 | <u>J6</u> | 0.171 | 100 | 03/14/2019 12:21 | WG1249715 |
| TPH (GC/FID) Low Fraction | 269 | | 11.4 | 100 | 03/14/2019 12:21 | WG1249715 |
| (S) a,a,a-Trifluorotoluene(FID) | 92.7 | | 77.0-120 | | 03/14/2019 12:21 | WG1249715 |
| (S) a,a,a-Trifluorotoluene(PID) | 95.2 | | 72.0-128 | | 03/14/2019 12:21 | WG1249715 |

5 Sr

6 Qc

7 GI

8 AI

9 Sc

Semi-Volatile Organic Compounds (GC) by Method 8015

| Analyte | Result (dry) | Qualifier | RDL (dry) | Dilution | Analysis date / time | Batch |
|----------------------|--------------|-----------|-----------|----------|----------------------|---------------------------|
| C10-C28 Diesel Range | 19500 | | 914 | 200 | 03/14/2019 15:39 | WG1249556 |
| C28-C40 Oil Range | 8310 | | 914 | 200 | 03/14/2019 15:39 | WG1249556 |
| (S) o-Terphenyl | 0.000 | <u>J7</u> | 18.0-148 | | 03/14/2019 15:39 | WG1249556 |

WG1249656

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Total Solids by Method 2540 G-2011

[L1078215-01,02](#)

Method Blank (MB)

(MB) R3391902-1 03/14/19 10:55

| Analyte | MB Result | MB Qualifier | MB MDL | MB RDL |
|--------------|-----------|--------------|--------|--------|
| | % | | % | % |
| Total Solids | 0.00100 | | | |

1 Cp

2 Tc

3 Ss

L1078340-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1078340-01 03/14/19 10:55 • (DUP) R3391902-3 03/14/19 10:55

| Analyte | Original Result | DUP Result | Dilution | DUP RPD | DUP Qualifier | DUP RPD Limits |
|--------------|-----------------|------------|----------|---------|---------------|----------------|
| | % | % | | % | | % |
| Total Solids | 93.1 | 93.6 | 1 | 0.539 | | 10 |

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS)

(LCS) R3391902-2 03/14/19 10:55

| Analyte | Spike Amount | LCS Result | LCS Rec. | Rec. Limits | LCS Qualifier |
|--------------|--------------|------------|----------|-------------|---------------|
| | % | % | % | % | |
| Total Solids | 50.0 | 50.0 | 100 | 85.0-115 | |

7 Gl

8 Al

9 Sc

WG1249390

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Wet Chemistry by Method 9056A

[L1078215-01,02](#)

Method Blank (MB)

(MB) R3392075-1 03/15/19 08:11

| Analyte | MB Result mg/kg | MB Qualifier | MB MDL mg/kg | MB RDL mg/kg |
|----------|--------------------|--------------|-----------------|-----------------|
| Chloride | 3.43 | J | 0.795 | 10.0 |

1 Cp

2 Tc

3 Ss

L1077354-18 Original Sample (OS) • Duplicate (DUP)

(OS) L1077354-18 03/15/19 08:59 • (DUP) R3392075-3 03/15/19 09:07

| Analyte | Original Result (dry) mg/kg | DUP Result (dry) mg/kg | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|----------|-----------------------------------|------------------------------|----------|--------------|---------------|------------------------|
| Chloride | 7.49 | 7.43 | 1 | 0.764 | J | 15 |

4 Cn

5 Sr

6 Qc

L1078215-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1078215-01 03/15/19 11:07 • (DUP) R3392075-4 03/15/19 11:15

| Analyte | Original Result (dry) mg/kg | DUP Result (dry) mg/kg | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|----------|-----------------------------------|------------------------------|----------|--------------|---------------|------------------------|
| Chloride | 27.1 | 27.5 | 1 | 1.39 | | 15 |

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS)

(LCS) R3392075-2 03/15/19 08:19

| Analyte | Spike Amount mg/kg | LCS Result mg/kg | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|----------|-----------------------|---------------------|---------------|------------------|---------------|
| Chloride | 200 | 200 | 100 | 80.0-120 | |

L1077354-19 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1077354-19 03/15/19 11:49 • (MS) R3392075-5 03/15/19 11:58 • (MSD) R3392075-6 03/15/19 12:06

| Analyte | Spike Amount (dry) mg/kg | Original Result (dry) mg/kg | MS Result (dry) mg/kg | MSD Result (dry) mg/kg | MS Rec. % | MSD Rec. % | Dilution | Rec. Limits % | MS Qualifier | MSD Qualifier | RPD % | RPD Limits % |
|----------|--------------------------------|-----------------------------------|-----------------------------|------------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Chloride | 531 | 9.63 | 529 | 535 | 97.9 | 99.0 | 1 | 80.0-120 | | | 1.12 | 15 |

WG1249715

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Volatile Organic Compounds (GC) by Method 8015/8021

[L1078215-01.02](#)

Method Blank (MB)

(MB) R3391848-5 03/14/19 11:09

| Analyte | MB Result mg/kg | MB Qualifier | MB MDL mg/kg | MB RDL mg/kg |
|------------------------------------|--------------------|--------------|-----------------|-----------------|
| Benzene | U | | 0.000120 | 0.000500 |
| Toluene | 0.000170 | J | 0.000150 | 0.00500 |
| Ethylbenzene | U | | 0.000110 | 0.000500 |
| Total Xylene | U | | 0.000460 | 0.00150 |
| TPH (GC/FID) Low Fraction | 0.0274 | J | 0.0217 | 0.100 |
| (S) a,a,a-Trifluorotoluene(FID) | 92.5 | | | 77.0-120 |
| (S) a,a,a-Trifluorotoluene(PID) | 96.0 | | | 72.0-128 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3391848-1 03/14/19 09:26 • (LCSD) R3391848-2 03/14/19 09:46

| Analyte | Spike Amount mg/kg | LCS Result mg/kg | LCSD Result mg/kg | LCS Rec. % | LCSD Rec. % | Rec. Limits % | LCS Qualifier | LCSD Qualifier | RPD % | RPD Limits % |
|------------------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene | 0.0500 | 0.0541 | 0.0449 | 108 | 89.7 | 76.0-121 | | | 18.7 | 20 |
| Toluene | 0.0500 | 0.0526 | 0.0435 | 105 | 87.0 | 80.0-120 | | | 19.0 | 20 |
| Ethylbenzene | 0.0500 | 0.0550 | 0.0408 | 110 | 81.7 | 80.0-124 | J3 | | 29.6 | 20 |
| Total Xylene | 0.150 | 0.163 | 0.134 | 108 | 89.1 | 37.0-160 | | | 19.5 | 20 |
| (S) a,a,a-Trifluorotoluene(FID) | | | | 92.1 | 92.0 | 77.0-120 | | | | |
| (S) a,a,a-Trifluorotoluene(PID) | | | | 92.9 | 94.1 | 72.0-128 | | | | |

7 Gl

8 Al

9 Sc

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3391848-3 03/14/19 10:07 • (LCSD) R3391848-4 03/14/19 10:28

| Analyte | Spike Amount mg/kg | LCS Result mg/kg | LCSD Result mg/kg | LCS Rec. % | LCSD Rec. % | Rec. Limits % | LCS Qualifier | LCSD Qualifier | RPD % | RPD Limits % |
|------------------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| TPH (GC/FID) Low Fraction | 5.50 | 4.68 | 4.74 | 85.1 | 86.2 | 72.0-127 | | | 1.28 | 20 |
| (S) a,a,a-Trifluorotoluene(FID) | | | | 102 | 101 | 77.0-120 | | | | |
| (S) a,a,a-Trifluorotoluene(PID) | | | | 99.8 | 99.6 | 72.0-128 | | | | |

WG1249715

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.

Volatile Organic Compounds (GC) by Method 8015/8021

[L1078215-01,02](#)

L1078215-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1078215-02 03/14/19 12:21 • (MS) R3391848-6 03/14/19 18:13 • (MSD) R3391848-7 03/14/19 18:34

| Analyte | Spike Amount (dry) mg/kg | Original Result (dry) mg/kg | MS Result (dry) mg/kg | MSD Result (dry) mg/kg | MS Rec. % | MSD Rec. % | Dilution | Rec. Limits % | MS Qualifier | MSD Qualifier | RPD % | RPD Limits % |
|------------------------------------|-----------------------------|--------------------------------|--------------------------|---------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Benzene | 0.0571 | 0.146 | 4.51 | 4.93 | 76.3 | 83.8 | 100 | 10.0-155 | | | 9.03 | 32 |
| Toluene | 0.0571 | ND | 4.18 | 4.57 | 67.9 | 74.8 | 100 | 10.0-160 | | | 8.96 | 34 |
| Ethylbenzene | 0.0571 | 0.378 | 4.75 | 5.20 | 76.6 | 84.5 | 100 | 10.0-160 | | | 9.06 | 32 |
| Total Xylene | 0.171 | 4.71 | 17.0 | 18.3 | 71.5 | 79.5 | 100 | 10.0-160 | J6 | | 7.77 | 32 |
| (S) a,a,a-Trifluorotoluene(FID) | | | | | 88.9 | 88.9 | | 77.0-120 | | | | |
| (S) a,a,a-Trifluorotoluene(PID) | | | | | 93.9 | 94.1 | | 72.0-128 | | | | |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

L1078215-02 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1078215-02 03/14/19 12:21 • (MS) R3391848-8 03/14/19 18:55 • (MSD) R3391848-9 03/14/19 19:15

| Analyte | Spike Amount (dry) mg/kg | Original Result (dry) mg/kg | MS Result (dry) mg/kg | MSD Result (dry) mg/kg | MS Rec. % | MSD Rec. % | Dilution | Rec. Limits % | MS Qualifier | MSD Qualifier | RPD % | RPD Limits % |
|------------------------------------|-----------------------------|--------------------------------|--------------------------|---------------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| TPH (GC/FID) Low Fraction | 6.28 | 269 | 865 | 842 | 94.8 | 91.1 | 100 | 10.0-151 | | | 2.75 | 28 |
| (S) a,a,a-Trifluorotoluene(FID) | | | | | 103 | 102 | | 77.0-120 | | | | |
| (S) a,a,a-Trifluorotoluene(PID) | | | | | 103 | 103 | | 72.0-128 | | | | |

7 Gl

8 Al

9 Sc

WG1249556

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Semi-Volatile Organic Compounds (GC) by Method 8015

[L1078215-01,02](#)

Method Blank (MB)

(MB) R3391677-1 03/14/19 09:42

| Analyte | MB Result mg/kg | MB Qualifier | MB MDL mg/kg | MB RDL mg/kg |
|------------------------|--------------------|--------------|-----------------|-----------------|
| C10-C28 Diesel Range | U | | 1.61 | 4.00 |
| C28-C40 Oil Range | U | | 0.274 | 4.00 |
| <i>(S) o-Terphenyl</i> | 97.3 | | | 18.0-148 |

1 Cp

2 Tc

3 Ss

4 Cn

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3391677-2 03/14/19 09:58 • (LCSD) R3391677-3 03/14/19 10:16

| Analyte | Spike Amount mg/kg | LCS Result mg/kg | LCSD Result mg/kg | LCS Rec. % | LCSD Rec. % | Rec. Limits % | LCS Qualifier | LCSD Qualifier | RPD % | RPD Limits % |
|-----------------------------------|-----------------------|---------------------|----------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Extractable Petroleum Hydrocarbon | 50.0 | 32.6 | 32.7 | 65.2 | 65.4 | 50.0-150 | | | 0.306 | 20 |
| C10-C28 Diesel Range | 50.0 | 35.3 | 35.6 | 70.6 | 71.2 | 50.0-150 | | | 0.846 | 20 |
| <i>(S) o-Terphenyl</i> | | | | 97.9 | 99.8 | 18.0-148 | | | | |

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

| | |
|------------------------------|--|
| (dry) | Results are reported based on the dry weight of the sample. [this will only be present on a dry report basis for soils]. |
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| RDL (dry) | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| (S) | Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

Qualifier Description

| | |
|----|---|
| B | The same analyte is found in the associated blank. |
| J | The identification of the analyte is acceptable; the reported value is an estimate. |
| J3 | The associated batch QC was outside the established quality control range for precision. |
| J6 | The sample matrix interfered with the ability to make any accurate determination; spike value is low. |
| J7 | Surrogate recovery cannot be used for control limit evaluation due to dilution. |

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

¹ Cp

² Tc

³ Ss

⁴ Cn

⁵ Sr

⁶ Qc

⁷ Gl

⁸ Al

⁹ Sc

State Accreditations

| | | | |
|------------------------|-------------|-----------------------------|------------------|
| Alabama | 40660 | Nebraska | NE-OS-15-05 |
| Alaska | 17-026 | Nevada | TN-03-2002-34 |
| Arizona | AZ0612 | New Hampshire | 2975 |
| Arkansas | 88-0469 | New Jersey-NELAP | TN002 |
| California | 2932 | New Mexico ¹ | n/a |
| Colorado | TN00003 | New York | 11742 |
| Connecticut | PH-0197 | North Carolina | Env375 |
| Florida | E87487 | North Carolina ¹ | DW21704 |
| Georgia | NELAP | North Carolina ³ | 41 |
| Georgia ¹ | 923 | North Dakota | R-140 |
| Idaho | TN00003 | Ohio-VAP | CL0069 |
| Illinois | 200008 | Oklahoma | 9915 |
| Indiana | C-TN-01 | Oregon | TN200002 |
| Iowa | 364 | Pennsylvania | 68-02979 |
| Kansas | E-10277 | Rhode Island | LA000356 |
| Kentucky ¹⁶ | 90010 | South Carolina | 84004 |
| Kentucky ² | 16 | South Dakota | n/a |
| Louisiana | AI30792 | Tennessee ¹⁴ | 2006 |
| Louisiana ¹ | LA180010 | Texas | T104704245-18-15 |
| Maine | TN0002 | Texas ⁵ | LAB0152 |
| Maryland | 324 | Utah | TN00003 |
| Massachusetts | M-TN003 | Vermont | VT2006 |
| Michigan | 9958 | Virginia | 460132 |
| Minnesota | 047-999-395 | Washington | C847 |
| Mississippi | TN00003 | West Virginia | 233 |
| Missouri | 340 | Wisconsin | 9980939910 |
| Montana | CERT0086 | Wyoming | A2LA |

Third Party Federal Accreditations

| | | | |
|-------------------------------|---------|--------------------|---------------|
| A2LA – ISO 17025 | 1461.01 | AIHA-LAP,LLC EMLAP | 100789 |
| A2LA – ISO 17025 ⁵ | 1461.02 | DOD | 1461.01 |
| Canada | 1461.01 | USDA | P330-15-00234 |
| EPA-Crypto | TN00003 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.





ANALYTICAL REPORT

March 19, 2019

Enduring Resources

Sample Delivery Group: L1079227
Samples Received: 03/15/2019
Project Number: NEU #315H
Description: NEU #315H

Report To: James McDaniel
200 Energy Court
Farmington, NM 87401

Entire Report Reviewed By:

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

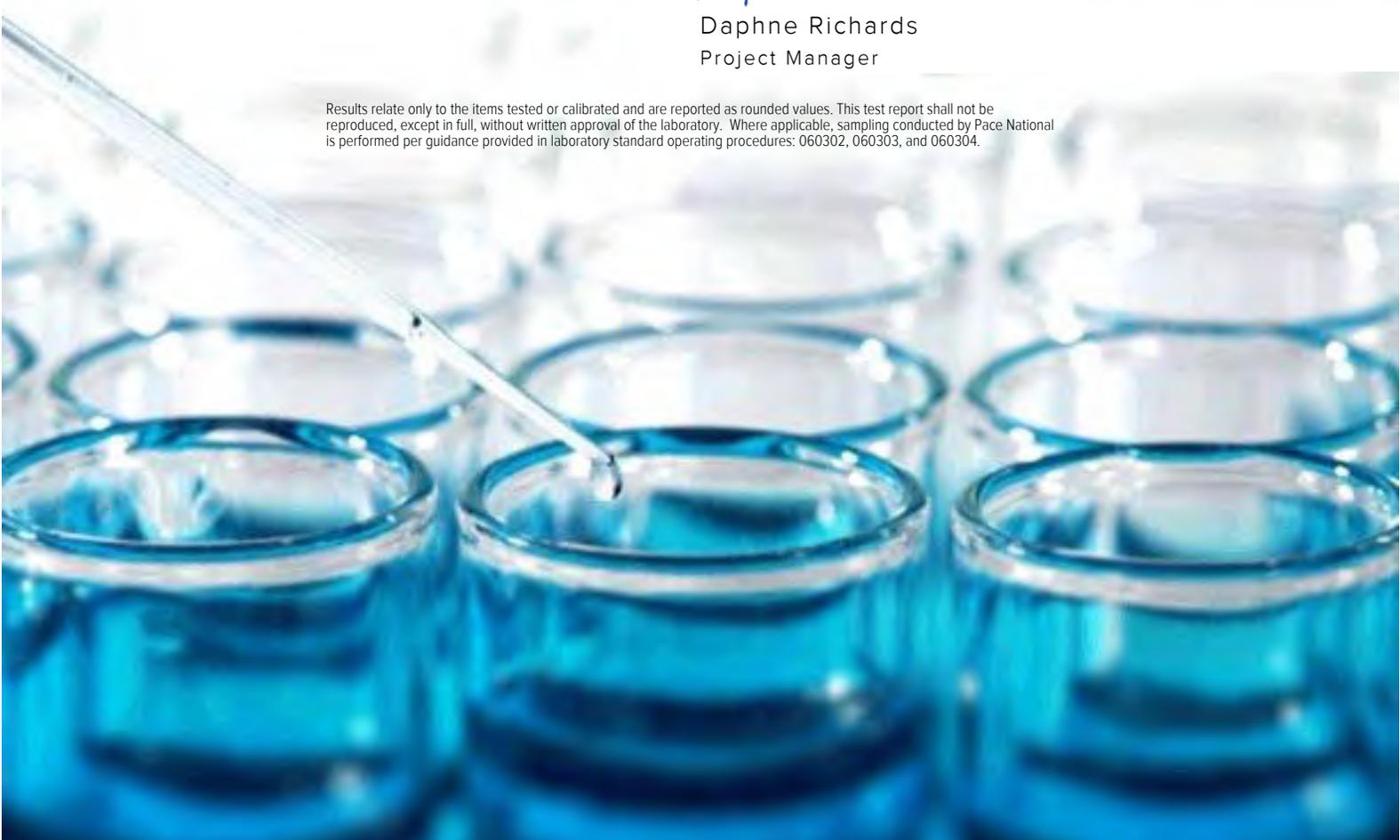


TABLE OF CONTENTS

| | | |
|--|-----------|---|
| Cp: Cover Page | 1 |  |
| Tc: Table of Contents | 2 | |
| Ss: Sample Summary | 3 |  |
| Cn: Case Narrative | 4 | |
| Sr: Sample Results | 5 |  |
| WS-05 L1079227-01 | 5 | |
| WS-06 L1079227-02 | 6 |  |
| Qc: Quality Control Summary | 7 |  |
| Wet Chemistry by Method 9056A | 7 | |
| Volatile Organic Compounds (GC) by Method 8021B | 8 |  |
| Gl: Glossary of Terms | 9 |  |
| Al: Accreditations & Locations | 10 | |
| Sc: Sample Chain of Custody | 11 |  |
| | |  |

SAMPLE SUMMARY



| | | | | Collected by | Collected date/time | Received date/time |
|---|-----------|----------|-----------------------|--------------------|---------------------|--------------------|
| WS-05 L1079227-01 GW | | | | DB/CM | 03/12/19 11:15 | 03/15/19 08:45 |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
| Wet Chemistry by Method 9056A | WG1250856 | 1 | 03/16/19 16:18 | 03/16/19 16:18 | ST | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8021B | WG1250835 | 2 | 03/16/19 07:43 | 03/16/19 07:43 | ACG | Mt. Juliet, TN |

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 Gl
- 8 Al
- 9 Sc

| | | | | Collected by | Collected date/time | Received date/time |
|---|-----------|----------|-----------------------|--------------------|---------------------|--------------------|
| WS-06 L1079227-02 GW | | | | DB/CM | 03/13/19 11:15 | 03/15/19 08:45 |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location |
| Wet Chemistry by Method 9056A | WG1250856 | 1 | 03/16/19 16:34 | 03/16/19 16:34 | ST | Mt. Juliet, TN |
| Volatile Organic Compounds (GC) by Method 8021B | WG1250835 | 2 | 03/16/19 08:07 | 03/16/19 08:07 | ACG | Mt. Juliet, TN |

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

WS-05

SAMPLE RESULTS - 01

ONE LAB. NATIONWIDE.



Collected date/time: 03/12/19 11:15

L1079227

Wet Chemistry by Method 9056A

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|----------|--------|-----------|------|----------|----------------------|---------------------------|
| Chloride | 16.8 | | 1.00 | 1 | 03/16/2019 16:18 | WG1250856 |

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method 8021B

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------------------------------|--------|-----------|----------|----------|----------------------|---------------------------|
| Benzene | ND | | 0.00100 | 2 | 03/16/2019 07:43 | WG1250835 |
| Toluene | ND | | 0.00200 | 2 | 03/16/2019 07:43 | WG1250835 |
| Ethylbenzene | ND | | 0.00100 | 2 | 03/16/2019 07:43 | WG1250835 |
| Total Xylene | ND | | 0.00300 | 2 | 03/16/2019 07:43 | WG1250835 |
| (S) a,a,a-Trifluorotoluene(PID) | 96.7 | | 79.0-125 | | 03/16/2019 07:43 | WG1250835 |

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WS-06

SAMPLE RESULTS - 02

ONE LAB. NATIONWIDE.



Collected date/time: 03/13/19 11:15

L1079227

Wet Chemistry by Method 9056A

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|----------|--------|-----------|------|----------|----------------------|---------------------------|
| Chloride | 20.0 | | 1.00 | 1 | 03/16/2019 16:34 | WG1250856 |

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method 8021B

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------------------------------|--------|-----------|----------|----------|----------------------|---------------------------|
| Benzene | ND | | 0.00100 | 2 | 03/16/2019 08:07 | WG1250835 |
| Toluene | ND | | 0.00200 | 2 | 03/16/2019 08:07 | WG1250835 |
| Ethylbenzene | ND | | 0.00100 | 2 | 03/16/2019 08:07 | WG1250835 |
| Total Xylene | ND | | 0.00300 | 2 | 03/16/2019 08:07 | WG1250835 |
| (S) a,a,a-Trifluorotoluene(PID) | 96.9 | | 79.0-125 | | 03/16/2019 08:07 | WG1250835 |

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG1250856

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Wet Chemistry by Method 9056A

[L1079227-01.02](#)

Method Blank (MB)

(MB) R3392505-1 03/16/19 12:31

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|----------|-------------------|--------------|----------------|----------------|
| Chloride | U | | 0.0519 | 1.00 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

L1079190-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1079190-01 03/16/19 14:59 • (DUP) R3392505-3 03/16/19 15:14

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|----------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Chloride | 7.68 | 7.76 | 1 | 1.09 | | 15 |

7 Gl

8 Al

9 Sc

L1079548-05 Original Sample (OS) • Duplicate (DUP)

(OS) L1079548-05 03/16/19 18:57 • (DUP) R3392505-6 03/16/19 19:13

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|----------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Chloride | 1.05 | 1.04 | 1 | 0.592 | | 15 |

Laboratory Control Sample (LCS)

(LCS) R3392505-2 03/16/19 12:47

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|----------|----------------------|--------------------|---------------|------------------|---------------|
| Chloride | 40.0 | 40.5 | 101 | 80.0-120 | |

L1079190-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1079190-01 03/16/19 14:59 • (MS) R3392505-4 03/16/19 15:30 • (MSD) R3392505-5 03/16/19 15:46

| Analyte | Spike Amount mg/l | Original Result mg/l | MS Result mg/l | MSD Result mg/l | MS Rec. % | MSD Rec. % | Dilution | Rec. Limits % | MS Qualifier | MSD Qualifier | RPD % | RPD Limits % |
|----------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Chloride | 50.0 | 7.68 | 56.6 | 57.1 | 97.8 | 98.8 | 1 | 80.0-120 | | | 0.849 | 15 |

L1079548-05 Original Sample (OS) • Matrix Spike (MS)

(OS) L1079548-05 03/16/19 18:57 • (MS) R3392505-7 03/16/19 19:29

| Analyte | Spike Amount mg/l | Original Result mg/l | MS Result mg/l | MS Rec. % | Dilution | Rec. Limits % | MS Qualifier |
|----------|----------------------|-------------------------|-------------------|--------------|----------|------------------|--------------|
| Chloride | 50.0 | 1.05 | 50.7 | 99.3 | 1 | 80.0-120 | |

WG1250835

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Volatile Organic Compounds (GC) by Method 8021B

[L1079227-01.02](#)

Method Blank (MB)

(MB) R3392591-3 03/16/19 06:55

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------------------------|-------------------|--------------|----------------|----------------|
| Benzene | U | | 0.000190 | 0.000500 |
| Toluene | U | | 0.000412 | 0.00100 |
| Ethylbenzene | U | | 0.000160 | 0.000500 |
| Total Xylene | U | | 0.000510 | 0.00150 |
| (S) a,a,a-Trifluorotoluene(PID) | 96.9 | | | 79.0-125 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

Laboratory Control Sample (LCS)

(LCS) R3392591-1 03/16/19 05:41

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|------------------------------------|----------------------|--------------------|---------------|------------------|---------------|
| Benzene | 0.0500 | 0.0484 | 96.8 | 77.0-122 | |
| Toluene | 0.0500 | 0.0454 | 90.9 | 80.0-121 | |
| Ethylbenzene | 0.0500 | 0.0479 | 95.8 | 80.0-123 | |
| Total Xylene | 0.150 | 0.152 | 101 | 47.0-154 | |
| (S) a,a,a-Trifluorotoluene(PID) | | | 97.3 | 79.0-125 | |

6 Qc

7 Gl

8 Al

9 Sc

GLOSSARY OF TERMS



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| (S) | Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

- 1 Cp
- 2 Tc
- 3 Ss
- 4 Cn
- 5 Sr
- 6 Qc
- 7 GI
- 8 AI
- 9 Sc

State Accreditations

| | | | |
|------------------------|-------------|-----------------------------|------------------|
| Alabama | 40660 | Nebraska | NE-OS-15-05 |
| Alaska | 17-026 | Nevada | TN-03-2002-34 |
| Arizona | AZ0612 | New Hampshire | 2975 |
| Arkansas | 88-0469 | New Jersey-NELAP | TN002 |
| California | 2932 | New Mexico ¹ | n/a |
| Colorado | TN00003 | New York | 11742 |
| Connecticut | PH-0197 | North Carolina | Env375 |
| Florida | E87487 | North Carolina ¹ | DW21704 |
| Georgia | NELAP | North Carolina ³ | 41 |
| Georgia ¹ | 923 | North Dakota | R-140 |
| Idaho | TN00003 | Ohio-VAP | CL0069 |
| Illinois | 200008 | Oklahoma | 9915 |
| Indiana | C-TN-01 | Oregon | TN200002 |
| Iowa | 364 | Pennsylvania | 68-02979 |
| Kansas | E-10277 | Rhode Island | LA000356 |
| Kentucky ¹⁶ | 90010 | South Carolina | 84004 |
| Kentucky ² | 16 | South Dakota | n/a |
| Louisiana | AI30792 | Tennessee ¹⁴ | 2006 |
| Louisiana ¹ | LA180010 | Texas | T104704245-18-15 |
| Maine | TN0002 | Texas ⁵ | LAB0152 |
| Maryland | 324 | Utah | TN00003 |
| Massachusetts | M-TN003 | Vermont | VT2006 |
| Michigan | 9958 | Virginia | 460132 |
| Minnesota | 047-999-395 | Washington | C847 |
| Mississippi | TN00003 | West Virginia | 233 |
| Missouri | 340 | Wisconsin | 9980939910 |
| Montana | CERT0086 | Wyoming | A2LA |

Third Party Federal Accreditations

| | | | |
|-------------------------------|---------|--------------------|---------------|
| A2LA – ISO 17025 | 1461.01 | AIHA-LAP,LLC EMLAP | 100789 |
| A2LA – ISO 17025 ⁵ | 1461.02 | DOD | 1461.01 |
| Canada | 1461.01 | USDA | P330-15-00234 |
| EPA-Crypto | TN00003 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.





ANALYTICAL REPORT

March 21, 2019

Enduring Resources

Sample Delivery Group: L1079976
Samples Received: 03/19/2019
Project Number:
Description: NEU #315H
Site: NEU #315H
Report To: James McDaniel
200 Energy Court
Farmington, NM 87401

Entire Report Reviewed By:

Daphne Richards
Project Manager

Results relate only to the items tested or calibrated and are reported as rounded values. This test report shall not be reproduced, except in full, without written approval of the laboratory. Where applicable, sampling conducted by Pace National is performed per guidance provided in laboratory standard operating procedures: 060302, 060303, and 060304.

TABLE OF CONTENTS



| | | |
|---|----|--|
| Cp: Cover Page | 1 | |
| Tc: Table of Contents | 2 | |
| Ss: Sample Summary | 3 | |
| Cn: Case Narrative | 4 | |
| Sr: Sample Results | 5 | |
| WS-07 L1079976-01 | 5 | |
| WS-08 L1079976-02 | 6 | |
| WS-09 L1079976-03 | 7 | |
| Qc: Quality Control Summary | 8 | |
| Wet Chemistry by Method 9056A | 8 | |
| Volatile Organic Compounds (GC) by Method 8021B | 9 | |
| Gl: Glossary of Terms | 10 | |
| Al: Accreditations & Locations | 11 | |
| Sc: Sample Chain of Custody | 12 | |

SAMPLE SUMMARY



| | | | | Collected by | Collected date/time | Received date/time | |
|---|-----------|----------|-----------------------|--------------------|---------------------|--------------------|--|
| WS-07 L1079976-01 GW | | | | DB/CM/CJ | 03/14/19 11:15 | 03/19/19 08:30 | |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | |
| Wet Chemistry by Method 9056A | WG1252510 | 1 | 03/21/19 05:03 | 03/21/19 05:03 | ELN | Mt. Juliet, TN | |
| Volatile Organic Compounds (GC) by Method 8021B | WG1252810 | 1 | 03/20/19 23:26 | 03/20/19 23:26 | DWR | Mt. Juliet, TN | |

1 Cp

2 Tc

3 Ss

| | | | | Collected by | Collected date/time | Received date/time | |
|---|-----------|----------|-----------------------|--------------------|---------------------|--------------------|--|
| WS-08 L1079976-02 GW | | | | DB/CM/CJ | 03/15/19 12:40 | 03/19/19 08:30 | |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | |
| Wet Chemistry by Method 9056A | WG1252510 | 1 | 03/21/19 05:19 | 03/21/19 05:19 | ELN | Mt. Juliet, TN | |
| Volatile Organic Compounds (GC) by Method 8021B | WG1252810 | 1 | 03/20/19 23:47 | 03/20/19 23:47 | DWR | Mt. Juliet, TN | |

4 Cn

5 Sr

6 Qc

| | | | | Collected by | Collected date/time | Received date/time | |
|---|-----------|----------|-----------------------|--------------------|---------------------|--------------------|--|
| WS-09 L1079976-03 GW | | | | DB/CM/CJ | 03/16/19 11:40 | 03/19/19 08:30 | |
| Method | Batch | Dilution | Preparation date/time | Analysis date/time | Analyst | Location | |
| Wet Chemistry by Method 9056A | WG1252510 | 1 | 03/21/19 05:35 | 03/21/19 05:35 | ELN | Mt. Juliet, TN | |
| Volatile Organic Compounds (GC) by Method 8021B | WG1252810 | 1 | 03/21/19 00:07 | 03/21/19 00:07 | DWR | Mt. Juliet, TN | |

7 Gl

8 Al

9 Sc

All sample aliquots were received at the correct temperature, in the proper containers, with the appropriate preservatives, and within method specified holding times, unless qualified or notated within the report. Where applicable, all MDL (LOD) and RDL (LOQ) values reported for environmental samples have been corrected for the dilution factor used in the analysis. All Method and Batch Quality Control are within established criteria except where addressed in this case narrative, a non-conformance form or properly qualified within the sample results. By my digital signature below, I affirm to the best of my knowledge, all problems/anomalies observed by the laboratory as having the potential to affect the quality of the data have been identified by the laboratory, and no information or data have been knowingly withheld that would affect the quality of the data.



Daphne Richards
Project Manager

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

WS-07

SAMPLE RESULTS - 01

ONE LAB. NATIONWIDE.



Collected date/time: 03/14/19 11:15

L1079976

Wet Chemistry by Method 9056A

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|----------|--------|-----------|------|----------|----------------------|---------------------------|
| Chloride | 17.7 | | 1.00 | 1 | 03/21/2019 05:03 | WG1252510 |

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method 8021B

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------------------------------|--------|-----------|----------|----------|----------------------|---------------------------|
| Benzene | ND | | 0.000500 | 1 | 03/20/2019 23:26 | WG1252810 |
| Toluene | ND | | 0.00100 | 1 | 03/20/2019 23:26 | WG1252810 |
| Ethylbenzene | ND | | 0.000500 | 1 | 03/20/2019 23:26 | WG1252810 |
| Total Xylene | ND | | 0.00150 | 1 | 03/20/2019 23:26 | WG1252810 |
| (S) a,a,a-Trifluorotoluene(PID) | 99.3 | | 79.0-125 | | 03/20/2019 23:26 | WG1252810 |

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WS-08

SAMPLE RESULTS - 02

ONE LAB. NATIONWIDE.



Collected date/time: 03/15/19 12:40

L1079976

Wet Chemistry by Method 9056A

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|----------|--------|-----------|------|----------|----------------------|---------------------------|
| Chloride | 23.5 | | 1.00 | 1 | 03/21/2019 05:19 | WG1252510 |

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method 8021B

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------------------------------|--------|-----------|----------|----------|----------------------|---------------------------|
| Benzene | ND | | 0.000500 | 1 | 03/20/2019 23:47 | WG1252810 |
| Toluene | ND | | 0.00100 | 1 | 03/20/2019 23:47 | WG1252810 |
| Ethylbenzene | ND | | 0.000500 | 1 | 03/20/2019 23:47 | WG1252810 |
| Total Xylene | ND | | 0.00150 | 1 | 03/20/2019 23:47 | WG1252810 |
| (S) a,a,a-Trifluorotoluene(PID) | 98.4 | | 79.0-125 | | 03/20/2019 23:47 | WG1252810 |

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WS-09

SAMPLE RESULTS - 03

ONE LAB. NATIONWIDE.



Collected date/time: 03/16/19 11:40

L1079976

Wet Chemistry by Method 9056A

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|----------|--------|-----------|------|----------|----------------------|---------------------------|
| Chloride | 29.6 | | 1.00 | 1 | 03/21/2019 05:35 | WG1252510 |

1 Cp

2 Tc

Volatile Organic Compounds (GC) by Method 8021B

| Analyte | Result | Qualifier | RDL | Dilution | Analysis date / time | Batch |
|---------------------------------|--------|-----------|----------|----------|----------------------|---------------------------|
| Benzene | ND | | 0.000500 | 1 | 03/21/2019 00:07 | WG1252810 |
| Toluene | ND | | 0.00100 | 1 | 03/21/2019 00:07 | WG1252810 |
| Ethylbenzene | ND | | 0.000500 | 1 | 03/21/2019 00:07 | WG1252810 |
| Total Xylene | ND | | 0.00150 | 1 | 03/21/2019 00:07 | WG1252810 |
| (S) a,a,a-Trifluorotoluene(PID) | 99.7 | | 79.0-125 | | 03/21/2019 00:07 | WG1252810 |

3 Ss

4 Cn

5 Sr

6 Qc

7 Gl

8 Al

9 Sc

WG1252510

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Wet Chemistry by Method 9056A

[L1079976-01,02,03](#)

Method Blank (MB)

(MB) R3393627-1 03/20/19 21:01

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|----------|-------------------|--------------|----------------|----------------|
| Chloride | U | | 0.0519 | 1.00 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

L1079198-01 Original Sample (OS) • Duplicate (DUP)

(OS) L1079198-01 03/20/19 22:10 • (DUP) R3393627-3 03/20/19 22:25

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|----------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Chloride | 4.77 | 4.76 | 1 | 0.273 | | 15 |

7 Gl

8 Al

9 Sc

L1078975-06 Original Sample (OS) • Duplicate (DUP)

(OS) L1078975-06 03/21/19 00:17 • (DUP) R3393627-6 03/21/19 00:33

| Analyte | Original Result mg/l | DUP Result mg/l | Dilution | DUP RPD % | DUP Qualifier | DUP RPD Limits % |
|----------|-------------------------|--------------------|----------|--------------|---------------|------------------------|
| Chloride | ND | 0.000 | 1 | 0.000 | | 15 |

Laboratory Control Sample (LCS)

(LCS) R3393627-2 03/20/19 21:17

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCS Rec. % | Rec. Limits % | LCS Qualifier |
|----------|----------------------|--------------------|---------------|------------------|---------------|
| Chloride | 40.0 | 40.8 | 102 | 80.0-120 | |

L1079198-01 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1079198-01 03/20/19 22:10 • (MS) R3393627-4 03/20/19 22:41 • (MSD) R3393627-5 03/20/19 22:57

| Analyte | Spike Amount mg/l | Original Result mg/l | MS Result mg/l | MSD Result mg/l | MS Rec. % | MSD Rec. % | Dilution | Rec. Limits % | MS Qualifier | MSD Qualifier | RPD % | RPD Limits % |
|----------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Chloride | 50.0 | 4.77 | 56.3 | 56.6 | 103 | 104 | 1 | 80.0-120 | | | 0.569 | 15 |

L1078975-06 Original Sample (OS) • Matrix Spike (MS)

(OS) L1078975-06 03/21/19 00:17 • (MS) R3393627-7 03/21/19 00:48

| Analyte | Spike Amount mg/l | Original Result mg/l | MS Result mg/l | MS Rec. % | Dilution | Rec. Limits % | MS Qualifier |
|----------|----------------------|-------------------------|-------------------|--------------|----------|------------------|--------------|
| Chloride | 50.0 | ND | 51.1 | 102 | 1 | 80.0-120 | |

WG1252810

QUALITY CONTROL SUMMARY

ONE LAB. NATIONWIDE.



Volatile Organic Compounds (GC) by Method 8021B

[L1079976-01.02.03](#)

Method Blank (MB)

(MB) R3393653-5 03/20/19 16:21

| Analyte | MB Result mg/l | MB Qualifier | MB MDL mg/l | MB RDL mg/l |
|------------------------------------|-------------------|--------------|----------------|----------------|
| Benzene | U | | 0.000190 | 0.000500 |
| Toluene | U | | 0.000412 | 0.00100 |
| Ethylbenzene | U | | 0.000160 | 0.000500 |
| Total Xylene | U | | 0.000510 | 0.00150 |
| (S) a,a,a-Trifluorotoluene(PID) | 98.9 | | | 79.0-125 |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

Laboratory Control Sample (LCS) • Laboratory Control Sample Duplicate (LCSD)

(LCS) R3393653-1 03/20/19 14:39 • (LCSD) R3393653-2 03/20/19 14:59

| Analyte | Spike Amount mg/l | LCS Result mg/l | LCSD Result mg/l | LCS Rec. % | LCSD Rec. % | Rec. Limits % | LCS Qualifier | LCSD Qualifier | RPD % | RPD Limits % |
|------------------------------------|----------------------|--------------------|---------------------|---------------|----------------|------------------|---------------|----------------|----------|-----------------|
| Benzene | 0.0500 | 0.0586 | 0.0593 | 117 | 119 | 77.0-122 | | | 1.26 | 20 |
| Toluene | 0.0500 | 0.0540 | 0.0545 | 108 | 109 | 80.0-121 | | | 0.846 | 20 |
| Ethylbenzene | 0.0500 | 0.0584 | 0.0594 | 117 | 119 | 80.0-123 | | | 1.65 | 20 |
| Total Xylene | 0.150 | 0.178 | 0.182 | 119 | 121 | 47.0-154 | | | 1.89 | 20 |
| (S) a,a,a-Trifluorotoluene(PID) | | | | 100 | 99.6 | 79.0-125 | | | | |

6 Qc

7 Gl

8 Al

9 Sc

L1079666-30 Original Sample (OS) • Matrix Spike (MS) • Matrix Spike Duplicate (MSD)

(OS) L1079666-30 03/20/19 22:46 • (MS) R3393653-6 03/21/19 00:27 • (MSD) R3393653-7 03/21/19 00:48

| Analyte | Spike Amount mg/l | Original Result mg/l | MS Result mg/l | MSD Result mg/l | MS Rec. % | MSD Rec. % | Dilution | Rec. Limits % | MS Qualifier | MSD Qualifier | RPD % | RPD Limits % |
|------------------------------------|----------------------|-------------------------|-------------------|--------------------|--------------|---------------|----------|------------------|--------------|---------------|----------|-----------------|
| Benzene | 0.0500 | 0.00130 | 0.0548 | 0.0570 | 107 | 111 | 1 | 10.0-160 | | | 3.93 | 21 |
| Toluene | 0.0500 | 0.00262 | 0.0525 | 0.0546 | 99.8 | 104 | 1 | 12.0-148 | | | 3.82 | 21 |
| Ethylbenzene | 0.0500 | 0.0207 | 0.0716 | 0.0741 | 102 | 107 | 1 | 22.0-149 | | | 3.41 | 21 |
| Total Xylene | 0.150 | 0.0293 | 0.187 | 0.195 | 105 | 111 | 1 | 13.0-155 | | | 4.13 | 21 |
| (S) a,a,a-Trifluorotoluene(PID) | | | | | 96.2 | 95.9 | | 79.0-125 | | | | |



Guide to Reading and Understanding Your Laboratory Report

The information below is designed to better explain the various terms used in your report of analytical results from the Laboratory. This is not intended as a comprehensive explanation, and if you have additional questions please contact your project representative.

Abbreviations and Definitions

| | |
|------------------------------|--|
| MDL | Method Detection Limit. |
| ND | Not detected at the Reporting Limit (or MDL where applicable). |
| RDL | Reported Detection Limit. |
| Rec. | Recovery. |
| RPD | Relative Percent Difference. |
| SDG | Sample Delivery Group. |
| (S) | Surrogate (Surrogate Standard) - Analytes added to every blank, sample, Laboratory Control Sample/Duplicate and Matrix Spike/Duplicate; used to evaluate analytical efficiency by measuring recovery. Surrogates are not expected to be detected in all environmental media. |
| U | Not detected at the Reporting Limit (or MDL where applicable). |
| Analyte | The name of the particular compound or analysis performed. Some Analyses and Methods will have multiple analytes reported. |
| Dilution | If the sample matrix contains an interfering material, the sample preparation volume or weight values differ from the standard, or if concentrations of analytes in the sample are higher than the highest limit of concentration that the laboratory can accurately report, the sample may be diluted for analysis. If a value different than 1 is used in this field, the result reported has already been corrected for this factor. |
| Limits | These are the target % recovery ranges or % difference value that the laboratory has historically determined as normal for the method and analyte being reported. Successful QC Sample analysis will target all analytes recovered or duplicated within these ranges. |
| Original Sample | The non-spiked sample in the prep batch used to determine the Relative Percent Difference (RPD) from a quality control sample. The Original Sample may not be included within the reported SDG. |
| Qualifier | This column provides a letter and/or number designation that corresponds to additional information concerning the result reported. If a Qualifier is present, a definition per Qualifier is provided within the Glossary and Definitions page and potentially a discussion of possible implications of the Qualifier in the Case Narrative if applicable. |
| Result | The actual analytical final result (corrected for any sample specific characteristics) reported for your sample. If there was no measurable result returned for a specific analyte, the result in this column may state "ND" (Not Detected) or "BDL" (Below Detectable Levels). The information in the results column should always be accompanied by either an MDL (Method Detection Limit) or RDL (Reporting Detection Limit) that defines the lowest value that the laboratory could detect or report for this analyte. |
| Uncertainty (Radiochemistry) | Confidence level of 2 sigma. |
| Case Narrative (Cn) | A brief discussion about the included sample results, including a discussion of any non-conformances to protocol observed either at sample receipt by the laboratory from the field or during the analytical process. If present, there will be a section in the Case Narrative to discuss the meaning of any data qualifiers used in the report. |
| Quality Control Summary (Qc) | This section of the report includes the results of the laboratory quality control analyses required by procedure or analytical methods to assist in evaluating the validity of the results reported for your samples. These analyses are not being performed on your samples typically, but on laboratory generated material. |
| Sample Chain of Custody (Sc) | This is the document created in the field when your samples were initially collected. This is used to verify the time and date of collection, the person collecting the samples, and the analyses that the laboratory is requested to perform. This chain of custody also documents all persons (excluding commercial shippers) that have had control or possession of the samples from the time of collection until delivery to the laboratory for analysis. |
| Sample Results (Sr) | This section of your report will provide the results of all testing performed on your samples. These results are provided by sample ID and are separated by the analyses performed on each sample. The header line of each analysis section for each sample will provide the name and method number for the analysis reported. |
| Sample Summary (Ss) | This section of the Analytical Report defines the specific analyses performed for each sample ID, including the dates and times of preparation and/or analysis. |

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

Qualifier Description

The remainder of this page intentionally left blank, there are no qualifiers applied to this SDG.

ACCREDITATIONS & LOCATIONS

ONE LAB. NATIONWIDE.



Pace National is the only environmental laboratory accredited/certified to support your work nationwide from one location. One phone call, one point of contact, one laboratory. No other lab is as accessible or prepared to handle your needs throughout the country. Our capacity and capability from our single location laboratory is comparable to the collective totals of the network laboratories in our industry. The most significant benefit to our one location design is the design of our laboratory campus. The model is conducive to accelerated productivity, decreasing turn-around time, and preventing cross contamination, thus protecting sample integrity. Our focus on premium quality and prompt service allows us to be YOUR LAB OF CHOICE.

* Not all certifications held by the laboratory are applicable to the results reported in the attached report.
 * Accreditation is only applicable to the test methods specified on each scope of accreditation held by Pace National.

1 Cp

2 Tc

3 Ss

4 Cn

5 Sr

6 Qc

7 GI

8 AI

9 Sc

State Accreditations

| | | | |
|------------------------|-------------|-----------------------------|------------------|
| Alabama | 40660 | Nebraska | NE-OS-15-05 |
| Alaska | 17-026 | Nevada | TN-03-2002-34 |
| Arizona | AZ0612 | New Hampshire | 2975 |
| Arkansas | 88-0469 | New Jersey-NELAP | TN002 |
| California | 2932 | New Mexico ¹ | n/a |
| Colorado | TN00003 | New York | 11742 |
| Connecticut | PH-0197 | North Carolina | Env375 |
| Florida | E87487 | North Carolina ¹ | DW21704 |
| Georgia | NELAP | North Carolina ³ | 41 |
| Georgia ¹ | 923 | North Dakota | R-140 |
| Idaho | TN00003 | Ohio-VAP | CL0069 |
| Illinois | 200008 | Oklahoma | 9915 |
| Indiana | C-TN-01 | Oregon | TN200002 |
| Iowa | 364 | Pennsylvania | 68-02979 |
| Kansas | E-10277 | Rhode Island | LA000356 |
| Kentucky ¹⁶ | 90010 | South Carolina | 84004 |
| Kentucky ² | 16 | South Dakota | n/a |
| Louisiana | AI30792 | Tennessee ¹⁴ | 2006 |
| Louisiana ¹ | LA180010 | Texas | T104704245-18-15 |
| Maine | TN0002 | Texas ⁵ | LAB0152 |
| Maryland | 324 | Utah | TN00003 |
| Massachusetts | M-TN003 | Vermont | VT2006 |
| Michigan | 9958 | Virginia | 460132 |
| Minnesota | 047-999-395 | Washington | C847 |
| Mississippi | TN00003 | West Virginia | 233 |
| Missouri | 340 | Wisconsin | 9980939910 |
| Montana | CERT0086 | Wyoming | A2LA |

Third Party Federal Accreditations

| | | | |
|-------------------------------|---------|--------------------|---------------|
| A2LA – ISO 17025 | 1461.01 | AIHA-LAP,LLC EMLAP | 100789 |
| A2LA – ISO 17025 ⁵ | 1461.02 | DOD | 1461.01 |
| Canada | 1461.01 | USDA | P330-15-00234 |
| EPA-Crypto | TN00003 | | |

¹ Drinking Water ² Underground Storage Tanks ³ Aquatic Toxicity ⁴ Chemical/Microbiological ⁵ Mold ⁶ Wastewater n/a Accreditation not applicable

Our Locations

Pace National has sixty-four client support centers that provide sample pickup and/or the delivery of sampling supplies. If you would like assistance from one of our support offices, please contact our main office. Pace National performs all testing at our central laboratory.



CHAIN-OF-CUSTODY Analytical Request Document
 Pace Analytical®
 Chain-of-Custody is a LEGAL DOCUMENT - Complete all relevant fields

Company: **Enduring Resources, LLC**
 Address: 1050 17th St, Suite 2500 Denver, CO 80265
 Report To: **James McDaniel**
 Copy To: **aager@ltenv.com ; dburns@ltenv.com**
 Customer Project Name/Number: **NEU #315H**
 Phone: 505-636-9731
 Email: jmcDaniel@enduringresources.com
 Collected By (print): **D. Burns/C. McGinn/C. Jones**
 Collected By (signature):
 Sample Disposal:
 Dispose as appropriate [] Return
 Archive: _____
 Hold: _____

Billing Information:
Bill to Enduring, attn James McDaniel
 Email To: **jmcDaniel@enduringresources.com**
 Site Collection Info/Address:
 NEU #315H
 State: **NM** County/City: **Sandoval** Time Zone Collected:
 [] PT MT [] CT [] ET

Compliance Monitoring?
 Yes [] No
 DW PWS ID #: _____
 DW Location Code: _____
 Immediately Packed on Ice:
 Yes [] No
 Field Filtered (if applicable):
 Yes [] No
 Analysis: _____

Rush:
 Same Day [] Next Day
 2 Day [] 3 Day [] 4 Day [] 5 Day
 (Expedite Charges Apply)

LAB USE ONLY- Affix Workorder/Login Label Here or List Pace Workorder Number or MTJL Log-in Number Here

ALL SHADED AREAS are for LAB USE ONLY

Container Preservative Type **
 3 U
 Lab Project Manager:
 ** Preservative Types: (1) nitric acid, (2) sulfuric acid, (3) hydrochloric acid, (4) sodium hydroxide, (5) zinc acetate, (6) methanol, (7) sodium bisulfate, (8) sodium thiosulfate, (9) hexane, (A) ascorbic acid, (B) ammonium sulfate, (C) ammonium hydroxide, (D) TSP, (U) Unpreserved, (O) Other

Analyses
 Lab Profile/Line:
 Lab Sample Receipt Checklist:
 Custody Seals Present/Intact Y N NA N NA
 Custody Signatures Present Y N NA N NA
 Collector Signature Present Y N NA N NA
 Bottles Intact Y N NA N NA
 Correct Bottles Y N NA N NA
 Sufficient Volume Y N NA N NA
 Samples Received on Ice Y N NA N NA
 VOA - Headspace Acceptable Y N NA N NA
 USDA Regulated Soils Y N NA N NA
 Samples in Holding Time Y N NA N NA
 Residual Chlorine Present Y N NA N NA
 Cl Strips: _____
 Sample pH Acceptable Y N NA N NA
 pH Strips: _____
 Sulfide Present Y N NA N NA
 Lead Acetate Strips: _____

* Matrix Codes (Insert in Matrix box below): Drinking Water (DW), Ground Water (GW), Wastewater (WW), Product (P), Soil/Solid (SL), Oil (OL), Wipe (WP), Air (AR), Tissue (TS), Bioassay (B), Vapor (V), Other (OT)

| Customer Sample ID | Matrix * | Comp / Grab | Collected (or Composite Start) | | Composite End | | Res Cl | # of Ctns | BTEX | Chloride |
|--------------------|----------|-------------|--------------------------------|-------|---------------|------|--------|-----------|-------------------------------------|-------------------------------------|
| | | | Date | Time | Date | Time | | | | |
| WS-07 | GW | Grab | 3/14/19 | 11:15 | | | | 4 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| WS-08 | GW | Grab | 3/15/19 | 12:40 | | | | 4 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| WS-09 | GW | Grab | 3/16/19 | 11:40 | | | | 4 | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |

LAB USE ONLY:
 Lab Sample # / Comments:
 L1079976
 01
 -02
 -03

Customer Remarks / Special Conditions / Possible Hazards:
 Type of Ice Used: Wet Blue Dry None
 Packing Material Used:
 Radchem sample(s) screened (<500 cpm): Y N NA
 SHORT HOLDS PRESENT (<72 hours): Y N N/A
 Lab Tracking #: 6777 0002 1303
 Samples received via: FEDEX UPS Client Courier Pace Courier

Lab Sample Temperature Info:
 Temp Blank Received: Y N NA N NA
 Therm ID#: AM 44
 Cooler 1 Temp Upon Receipt: 2.9 oC
 Cooler 1 Therm Corr. Factor: 1.2 oC
 Cooler 1 Corrected Temp: 3.1 oC
 Comments: **AD SCREEN: <0.5 mR/hr**

Relinquished by/Company: (Signature) _____ Date/Time: 3/18/19/12:50
 Received by/Company: (Signature) _____ Date/Time: _____
 Relinquished by/Company: (Signature) _____ Date/Time: _____
 Received by/Company: (Signature) _____ Date/Time: _____
 Relinquished by/Company: (Signature) _____ Date/Time: _____
 Received by/Company: (Signature) K Willis Date/Time: 3/19/19 830

Acctnum: _____
 Template: _____
 Prelogin: _____
 PM: _____
 PB: _____

Trip Blank Received: Y N NA
 HCL MeOH TSP Other
 Non Conformance(s): YES / NO
 Page: _____
 of: _____



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 14, 2019

James McDaniel
Enduring Resources
332 Road 3100
Aztec, NM 87140
TEL:
FAX

RE: NEU 315H

OrderNo.: 1905003

Dear James McDaniel:

Hall Environmental Analysis Laboratory received 172 sample(s) on 5/1/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-103-01

Project: NEU 315H

Collection Date: 4/29/2019 8:40:00 AM

Lab ID: 1905003-001

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 5.5 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 63 | | mg/Kg-dr | 20 | 5/2/2019 2:21:54 PM | 44678 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/2/2019 2:07:06 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/2/2019 2:07:06 PM | 44640 |
| Surr: DNOP | 77.3 | 70-130 | | %Rec | 1 | 5/2/2019 2:07:06 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/2/2019 6:56:00 PM | 44653 |
| Surr: BFB | 92.5 | 73.8-119 | | %Rec | 1 | 5/2/2019 6:56:00 PM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/2/2019 6:56:00 PM | 44653 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/2/2019 6:56:00 PM | 44653 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/2/2019 6:56:00 PM | 44653 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 6:56:00 PM | 44653 |
| Surr: 4-Bromofluorobenzene | 92.0 | 80-120 | | %Rec | 1 | 5/2/2019 6:56:00 PM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-101-01

Project: NEU 315H

Collection Date: 4/29/2019 8:45:00 AM

Lab ID: 1905003-002

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 3.2 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 62 | | mg/Kg-dr | 20 | 5/2/2019 2:34:18 PM | 44678 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/2/2019 2:31:47 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 51 | | mg/Kg-dr | 1 | 5/2/2019 2:31:47 PM | 44640 |
| Surr: DNOP | 70.4 | 70-130 | | %Rec | 1 | 5/2/2019 2:31:47 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg-dr | 1 | 5/2/2019 7:19:19 PM | 44653 |
| Surr: BFB | 90.1 | 73.8-119 | | %Rec | 1 | 5/2/2019 7:19:19 PM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.025 | | mg/Kg-dr | 1 | 5/2/2019 7:19:19 PM | 44653 |
| Toluene | ND | 0.050 | | mg/Kg-dr | 1 | 5/2/2019 7:19:19 PM | 44653 |
| Ethylbenzene | ND | 0.050 | | mg/Kg-dr | 1 | 5/2/2019 7:19:19 PM | 44653 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/2/2019 7:19:19 PM | 44653 |
| Surr: 4-Bromofluorobenzene | 89.7 | 80-120 | | %Rec | 1 | 5/2/2019 7:19:19 PM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-099-01

Project: NEU 315H

Collection Date: 4/29/2019 8:58:00 AM

Lab ID: 1905003-003

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 9.5 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/2/2019 2:46:43 PM | 44678 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 2:56:13 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/2/2019 2:56:13 PM | 44640 |
| Surr: DNOP | 83.9 | 70-130 | | %Rec | 1 | 5/2/2019 2:56:13 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/2/2019 7:42:37 PM | 44653 |
| Surr: BFB | 92.5 | 73.8-119 | | %Rec | 1 | 5/2/2019 7:42:37 PM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/2/2019 7:42:37 PM | 44653 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/2/2019 7:42:37 PM | 44653 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/2/2019 7:42:37 PM | 44653 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 7:42:37 PM | 44653 |
| Surr: 4-Bromofluorobenzene | 92.8 | 80-120 | | %Rec | 1 | 5/2/2019 7:42:37 PM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-097-01

Project: NEU 315H

Collection Date: 4/29/2019 9:06:00 AM

Lab ID: 1905003-004

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|---------------|-----------|-------------|--------------|-----------|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 110 | 67 | | mg/Kg-dr | 20 | 5/2/2019 3:23:56 PM | 44678 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 210 | 11 | | mg/Kg-dr | 1 | 5/2/2019 3:20:39 PM | 44640 |
| Motor Oil Range Organics (MRO) | 64 | 54 | | mg/Kg-dr | 1 | 5/2/2019 3:20:39 PM | 44640 |
| Surr: DNOP | 87.5 | 70-130 | | %Rec | 1 | 5/2/2019 3:20:39 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | 33 | 5.5 | | mg/Kg-dr | 1 | 5/2/2019 8:05:58 PM | 44653 |
| Surr: BFB | 305 | 73.8-119 | S | %Rec | 1 | 5/2/2019 8:05:58 PM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/2/2019 8:05:58 PM | 44653 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/2/2019 8:05:58 PM | 44653 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/2/2019 8:05:58 PM | 44653 |
| Xylenes, Total | 0.47 | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 8:05:58 PM | 44653 |
| Surr: 4-Bromofluorobenzene | 96.1 | 80-120 | | %Rec | 1 | 5/2/2019 8:05:58 PM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-097-03

Project: NEU 315H

Collection Date: 4/29/2019 9:10:00 AM

Lab ID: 1905003-005

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 5.7 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 64 | | mg/Kg-dr | 20 | 5/2/2019 3:36:21 PM | 44678 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 3:45:01 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/2/2019 3:45:01 PM | 44640 |
| Surr: DNOP | 77.2 | 70-130 | | %Rec | 1 | 5/2/2019 3:45:01 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/2/2019 8:29:21 PM | 44653 |
| Surr: BFB | 92.7 | 73.8-119 | | %Rec | 1 | 5/2/2019 8:29:21 PM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/2/2019 8:29:21 PM | 44653 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/2/2019 8:29:21 PM | 44653 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/2/2019 8:29:21 PM | 44653 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 8:29:21 PM | 44653 |
| Surr: 4-Bromofluorobenzene | 91.0 | 80-120 | | %Rec | 1 | 5/2/2019 8:29:21 PM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-095-01

Project: NEU 315H

Collection Date: 4/29/2019 9:40:00 AM

Lab ID: 1905003-006

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 84 | 69 | | mg/Kg-dr | 20 | 5/2/2019 3:48:46 PM | 44678 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/2/2019 4:09:28 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 59 | | mg/Kg-dr | 1 | 5/2/2019 4:09:28 PM | 44640 |
| Surr: DNOP | 83.9 | 70-130 | | %Rec | 1 | 5/2/2019 4:09:28 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/2/2019 8:52:46 PM | 44653 |
| Surr: BFB | 91.8 | 73.8-119 | | %Rec | 1 | 5/2/2019 8:52:46 PM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/2/2019 8:52:46 PM | 44653 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/2/2019 8:52:46 PM | 44653 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/2/2019 8:52:46 PM | 44653 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 8:52:46 PM | 44653 |
| Surr: 4-Bromofluorobenzene | 92.5 | 80-120 | | %Rec | 1 | 5/2/2019 8:52:46 PM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-093-01

Project: NEU 315H

Collection Date: 4/29/2019 9:55:00 AM

Lab ID: 1905003-007

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 4.9 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 86 | 63 | | mg/Kg-dr | 20 | 5/2/2019 4:01:10 PM | 44678 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/3/2019 8:05:35 AM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/3/2019 8:05:35 AM | 44640 |
| Surr: DNOP | 86.1 | 70-130 | | %Rec | 1 | 5/3/2019 8:05:35 AM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/2/2019 9:16:16 PM | 44653 |
| Surr: BFB | 93.3 | 73.8-119 | | %Rec | 1 | 5/2/2019 9:16:16 PM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/2/2019 9:16:16 PM | 44653 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/2/2019 9:16:16 PM | 44653 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/2/2019 9:16:16 PM | 44653 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/2/2019 9:16:16 PM | 44653 |
| Surr: 4-Bromofluorobenzene | 93.7 | 80-120 | | %Rec | 1 | 5/2/2019 9:16:16 PM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-091-01

Project: NEU 315H

Collection Date: 4/29/2019 10:07:00 AM

Lab ID: 1905003-008

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 9.3 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/2/2019 11:55:47 AM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 9.9 | | mg/Kg-dr | 1 | 5/2/2019 4:58:10 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/2/2019 4:58:10 PM | 44640 |
| Surr: DNOP | 80.2 | 70-130 | | %Rec | 1 | 5/2/2019 4:58:10 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/2/2019 11:13:12 PM | 44653 |
| Surr: BFB | 93.4 | 73.8-119 | | %Rec | 1 | 5/2/2019 11:13:12 PM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/2/2019 11:13:12 PM | 44653 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/2/2019 11:13:12 PM | 44653 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/2/2019 11:13:12 PM | 44653 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 11:13:12 PM | 44653 |
| Surr: 4-Bromofluorobenzene | 93.7 | 80-120 | | %Rec | 1 | 5/2/2019 11:13:12 PM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-089-01

Project: NEU 315H

Collection Date: 4/29/2019 10:25:00 AM

Lab ID: 1905003-009

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 6.1 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 64 | | mg/Kg-dr | 20 | 5/2/2019 12:33:00 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 5:22:36 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/2/2019 5:22:36 PM | 44640 |
| Surr: DNOP | 74.8 | 70-130 | | %Rec | 1 | 5/2/2019 5:22:36 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/2/2019 11:36:31 PM | 44653 |
| Surr: BFB | 90.5 | 73.8-119 | | %Rec | 1 | 5/2/2019 11:36:31 PM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/2/2019 11:36:31 PM | 44653 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/2/2019 11:36:31 PM | 44653 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/2/2019 11:36:31 PM | 44653 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/2/2019 11:36:31 PM | 44653 |
| Surr: 4-Bromofluorobenzene | 90.7 | 80-120 | | %Rec | 1 | 5/2/2019 11:36:31 PM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-087-01

Project: NEU 315H

Collection Date: 4/29/2019 10:42:00 AM

Lab ID: 1905003-010

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 9.4 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/2/2019 12:45:25 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 5:47:17 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 56 | | mg/Kg-dr | 1 | 5/2/2019 5:47:17 PM | 44640 |
| Surr: DNOP | 72.6 | 70-130 | | %Rec | 1 | 5/2/2019 5:47:17 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/2/2019 11:59:47 PM | 44653 |
| Surr: BFB | 90.4 | 73.8-119 | | %Rec | 1 | 5/2/2019 11:59:47 PM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/2/2019 11:59:47 PM | 44653 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/2/2019 11:59:47 PM | 44653 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/2/2019 11:59:47 PM | 44653 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 11:59:47 PM | 44653 |
| Surr: 4-Bromofluorobenzene | 90.9 | 80-120 | | %Rec | 1 | 5/2/2019 11:59:47 PM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-085-01

Project: NEU 315H

Collection Date: 4/29/2019 11:00:00 AM

Lab ID: 1905003-011

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 5.9 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | 150 | 64 | | mg/Kg-dr | 20 | 5/2/2019 12:57:49 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/2/2019 6:11:47 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/2/2019 6:11:47 PM | 44640 |
| Surr: DNOP | 74.3 | 70-130 | | %Rec | 1 | 5/2/2019 6:11:47 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.1 | | mg/Kg-dr | 1 | 5/3/2019 12:22:59 AM | 44653 |
| Surr: BFB | 91.0 | 73.8-119 | | %Rec | 1 | 5/3/2019 12:22:59 AM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/3/2019 12:22:59 AM | 44653 |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 5/3/2019 12:22:59 AM | 44653 |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 5/3/2019 12:22:59 AM | 44653 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/3/2019 12:22:59 AM | 44653 |
| Surr: 4-Bromofluorobenzene | 92.0 | 80-120 | | %Rec | 1 | 5/3/2019 12:22:59 AM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-083-01

Project: NEU 315H

Collection Date: 4/29/2019 11:10:00 AM

Lab ID: 1905003-012

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 4.9 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 63 | | mg/Kg-dr | 20 | 5/2/2019 1:35:04 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/2/2019 6:36:24 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 51 | | mg/Kg-dr | 1 | 5/2/2019 6:36:24 PM | 44640 |
| Surr: DNOP | 77.4 | 70-130 | | %Rec | 1 | 5/2/2019 6:36:24 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg-dr | 1 | 5/3/2019 12:46:14 AM | 44653 |
| Surr: BFB | 91.6 | 73.8-119 | | %Rec | 1 | 5/3/2019 12:46:14 AM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.025 | | mg/Kg-dr | 1 | 5/3/2019 12:46:14 AM | 44653 |
| Toluene | ND | 0.050 | | mg/Kg-dr | 1 | 5/3/2019 12:46:14 AM | 44653 |
| Ethylbenzene | ND | 0.050 | | mg/Kg-dr | 1 | 5/3/2019 12:46:14 AM | 44653 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/3/2019 12:46:14 AM | 44653 |
| Surr: 4-Bromofluorobenzene | 92.2 | 80-120 | | %Rec | 1 | 5/3/2019 12:46:14 AM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-081-01

Project: NEU 315H

Collection Date: 4/29/2019 11:35:00 AM

Lab ID: 1905003-013

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | 120 | 68 | | mg/Kg-dr | 20 | 5/2/2019 1:47:28 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 7:00:45 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/2/2019 7:00:45 PM | 44640 |
| Surr: DNOP | 82.7 | 70-130 | | %Rec | 1 | 5/2/2019 7:00:45 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/3/2019 1:09:34 AM | 44653 |
| Surr: BFB | 91.6 | 73.8-119 | | %Rec | 1 | 5/3/2019 1:09:34 AM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/3/2019 1:09:34 AM | 44653 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/3/2019 1:09:34 AM | 44653 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/3/2019 1:09:34 AM | 44653 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/3/2019 1:09:34 AM | 44653 |
| Surr: 4-Bromofluorobenzene | 91.5 | 80-120 | | %Rec | 1 | 5/3/2019 1:09:34 AM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-079-01

Project: NEU 315H

Collection Date: 4/29/2019 11:50:00 AM

Lab ID: 1905003-014

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | 150 | 73 | | mg/Kg-dr | 20 | 5/2/2019 1:59:53 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/2/2019 7:25:24 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 60 | | mg/Kg-dr | 1 | 5/2/2019 7:25:24 PM | 44640 |
| Surr: DNOP | 79.5 | 70-130 | | %Rec | 1 | 5/2/2019 7:25:24 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/3/2019 1:33:03 AM | 44653 |
| Surr: BFB | 89.0 | 73.8-119 | | %Rec | 1 | 5/3/2019 1:33:03 AM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/3/2019 1:33:03 AM | 44653 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/3/2019 1:33:03 AM | 44653 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/3/2019 1:33:03 AM | 44653 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 1:33:03 AM | 44653 |
| Surr: 4-Bromofluorobenzene | 88.3 | 80-120 | | %Rec | 1 | 5/3/2019 1:33:03 AM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-077-01

Project: NEU 315H

Collection Date: 4/29/2019 12:10:00 PM

Lab ID: 1905003-015

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|---------------|-----------|-------------|--------------|-----------|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/2/2019 2:12:17 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 7:49:59 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/2/2019 7:49:59 PM | 44640 |
| Surr: DNOP | 75.8 | 70-130 | | %Rec | 1 | 5/2/2019 7:49:59 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/3/2019 1:56:36 AM | 44653 |
| Surr: BFB | 90.3 | 73.8-119 | | %Rec | 1 | 5/3/2019 1:56:36 AM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/3/2019 1:56:36 AM | 44653 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/3/2019 1:56:36 AM | 44653 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/3/2019 1:56:36 AM | 44653 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 1:56:36 AM | 44653 |
| Surr: 4-Bromofluorobenzene | 89.9 | 80-120 | | %Rec | 1 | 5/3/2019 1:56:36 AM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-075-01

Project: NEU 315H

Collection Date: 4/29/2019 12:25:00 PM

Lab ID: 1905003-016

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/2/2019 2:24:42 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 8:14:36 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/2/2019 8:14:36 PM | 44640 |
| Surr: DNOP | 74.1 | 70-130 | | %Rec | 1 | 5/2/2019 8:14:36 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/3/2019 2:20:09 AM | 44653 |
| Surr: BFB | 86.6 | 73.8-119 | | %Rec | 1 | 5/3/2019 2:20:09 AM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/3/2019 2:20:09 AM | 44653 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/3/2019 2:20:09 AM | 44653 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/3/2019 2:20:09 AM | 44653 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 2:20:09 AM | 44653 |
| Surr: 4-Bromofluorobenzene | 85.6 | 80-120 | | %Rec | 1 | 5/3/2019 2:20:09 AM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-073-01

Project: NEU 315H

Collection Date: 4/29/2019 1:00:00 PM

Lab ID: 1905003-017

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.8 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/2/2019 2:37:06 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/2/2019 8:39:03 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/2/2019 8:39:03 PM | 44640 |
| Surr: DNOP | 84.9 | 70-130 | | %Rec | 1 | 5/2/2019 8:39:03 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/3/2019 2:43:40 AM | 44653 |
| Surr: BFB | 91.2 | 73.8-119 | | %Rec | 1 | 5/3/2019 2:43:40 AM | 44653 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/3/2019 2:43:40 AM | 44653 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/3/2019 2:43:40 AM | 44653 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/3/2019 2:43:40 AM | 44653 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/3/2019 2:43:40 AM | 44653 |
| Surr: 4-Bromofluorobenzene | 90.3 | 80-120 | | %Rec | 1 | 5/3/2019 2:43:40 AM | 44653 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-071-01

Project: NEU 315H

Collection Date: 4/29/2019 1:15:00 PM

Lab ID: 1905003-018

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/2/2019 2:49:30 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 9:03:28 PM | 44640 |
| Motor Oil Range Organics (MRO) | ND | 54 | | mg/Kg-dr | 1 | 5/2/2019 9:03:28 PM | 44640 |
| Surr: DNOP | 74.2 | 70-130 | | %Rec | 1 | 5/2/2019 9:03:28 PM | 44640 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/2/2019 9:55:01 AM | 44661 |
| Surr: BFB | 89.0 | 73.8-119 | | %Rec | 1 | 5/2/2019 9:55:01 AM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/2/2019 9:55:01 AM | 44661 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 9:55:01 AM | 44661 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 9:55:01 AM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 9:55:01 AM | 44661 |
| Surr: 4-Bromofluorobenzene | 90.2 | 80-120 | | %Rec | 1 | 5/2/2019 9:55:01 AM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-069-01

Project: NEU 315H

Collection Date: 4/29/2019 1:25:00 PM

Lab ID: 1905003-019

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/2/2019 3:01:55 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/2/2019 9:03:55 AM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/2/2019 9:03:55 AM | 44641 |
| Surr: DNOP | 96.4 | 70-130 | | %Rec | 1 | 5/2/2019 9:03:55 AM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/2/2019 11:03:19 AM | 44661 |
| Surr: BFB | 89.1 | 73.8-119 | | %Rec | 1 | 5/2/2019 11:03:19 AM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/2/2019 11:03:19 AM | 44661 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 11:03:19 AM | 44661 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 11:03:19 AM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 11:03:19 AM | 44661 |
| Surr: 4-Bromofluorobenzene | 90.5 | 80-120 | | %Rec | 1 | 5/2/2019 11:03:19 AM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-067-01

Project: NEU 315H

Collection Date: 4/29/2019 1:35:00 PM

Lab ID: 1905003-020

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/2/2019 3:14:20 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/2/2019 9:27:55 AM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/2/2019 9:27:55 AM | 44641 |
| Surr: DNOP | 92.5 | 70-130 | | %Rec | 1 | 5/2/2019 9:27:55 AM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.7 | | mg/Kg-dr | 1 | 5/2/2019 12:11:16 PM | 44661 |
| Surr: BFB | 92.8 | 73.8-119 | | %Rec | 1 | 5/2/2019 12:11:16 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/2/2019 12:11:16 PM | 44661 |
| Toluene | ND | 0.057 | | mg/Kg-dr | 1 | 5/2/2019 12:11:16 PM | 44661 |
| Ethylbenzene | ND | 0.057 | | mg/Kg-dr | 1 | 5/2/2019 12:11:16 PM | 44661 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 12:11:16 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 94.2 | 80-120 | | %Rec | 1 | 5/2/2019 12:11:16 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-065-01

Project: NEU 315H

Collection Date: 4/29/2019 1:45:00 PM

Lab ID: 1905003-021

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 5/2/2019 3:26:45 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.9 | | mg/Kg-dr | 1 | 5/2/2019 9:55:23 AM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/2/2019 9:55:23 AM | 44641 |
| Surr: DNOP | 93.6 | 70-130 | | %Rec | 1 | 5/2/2019 9:55:23 AM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/2/2019 12:34:08 PM | 44661 |
| Surr: BFB | 89.1 | 73.8-119 | | %Rec | 1 | 5/2/2019 12:34:08 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/2/2019 12:34:08 PM | 44661 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/2/2019 12:34:08 PM | 44661 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/2/2019 12:34:08 PM | 44661 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 12:34:08 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 88.4 | 80-120 | | %Rec | 1 | 5/2/2019 12:34:08 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-063-01

Project: NEU 315H

Collection Date: 4/29/2019 1:55:00 PM

Lab ID: 1905003-022

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/2/2019 4:03:59 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.2 | | mg/Kg-dr | 1 | 5/2/2019 10:19:24 AM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg-dr | 1 | 5/2/2019 10:19:24 AM | 44641 |
| Surr: DNOP | 95.1 | 70-130 | | %Rec | 1 | 5/2/2019 10:19:24 AM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/2/2019 12:56:50 PM | 44661 |
| Surr: BFB | 89.3 | 73.8-119 | | %Rec | 1 | 5/2/2019 12:56:50 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/2/2019 12:56:50 PM | 44661 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/2/2019 12:56:50 PM | 44661 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/2/2019 12:56:50 PM | 44661 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 12:56:50 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 88.5 | 80-120 | | %Rec | 1 | 5/2/2019 12:56:50 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-061-01

Project: NEU 315H

Collection Date: 4/29/2019 2:00:00 PM

Lab ID: 1905003-023

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/2/2019 4:16:24 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.4 | | mg/Kg-dr | 1 | 5/2/2019 10:43:29 AM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg-dr | 1 | 5/2/2019 10:43:29 AM | 44641 |
| Surr: DNOP | 96.1 | 70-130 | | %Rec | 1 | 5/2/2019 10:43:29 AM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.7 | | mg/Kg-dr | 1 | 5/2/2019 1:19:29 PM | 44661 |
| Surr: BFB | 93.3 | 73.8-119 | | %Rec | 1 | 5/2/2019 1:19:29 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/2/2019 1:19:29 PM | 44661 |
| Toluene | ND | 0.057 | | mg/Kg-dr | 1 | 5/2/2019 1:19:29 PM | 44661 |
| Ethylbenzene | ND | 0.057 | | mg/Kg-dr | 1 | 5/2/2019 1:19:29 PM | 44661 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 1:19:29 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 94.0 | 80-120 | | %Rec | 1 | 5/2/2019 1:19:29 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-059-01

Project: NEU 315H

Collection Date: 4/29/2019 2:12:00 PM

Lab ID: 1905003-024

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 5/2/2019 4:28:49 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg-dr | 1 | 5/2/2019 11:07:32 AM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/2/2019 11:07:32 AM | 44641 |
| Surr: DNOP | 95.9 | 70-130 | | %Rec | 1 | 5/2/2019 11:07:32 AM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/2/2019 1:42:10 PM | 44661 |
| Surr: BFB | 88.9 | 73.8-119 | | %Rec | 1 | 5/2/2019 1:42:10 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/2/2019 1:42:10 PM | 44661 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/2/2019 1:42:10 PM | 44661 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/2/2019 1:42:10 PM | 44661 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 1:42:10 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 89.4 | 80-120 | | %Rec | 1 | 5/2/2019 1:42:10 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-057-01

Project: NEU 315H

Collection Date: 4/29/2019 2:18:00 PM

Lab ID: 1905003-025

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/2/2019 4:41:14 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.1 | | mg/Kg-dr | 1 | 5/2/2019 11:31:35 AM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 45 | | mg/Kg-dr | 1 | 5/2/2019 11:31:35 AM | 44641 |
| Surr: DNOP | 97.4 | 70-130 | | %Rec | 1 | 5/2/2019 11:31:35 AM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/2/2019 2:04:49 PM | 44661 |
| Surr: BFB | 93.6 | 73.8-119 | | %Rec | 1 | 5/2/2019 2:04:49 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/2/2019 2:04:49 PM | 44661 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/2/2019 2:04:49 PM | 44661 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/2/2019 2:04:49 PM | 44661 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 2:04:49 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 90.7 | 80-120 | | %Rec | 1 | 5/2/2019 2:04:49 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-055-01

Project: NEU 315H

Collection Date: 4/29/2019 2:28:00 PM

Lab ID: 1905003-026

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 20 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 75 | | mg/Kg-dr | 20 | 5/2/2019 4:53:38 PM | 44680 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg-dr | 1 | 5/2/2019 11:55:38 AM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/2/2019 11:55:38 AM | 44641 |
| Surr: DNOP | 99.1 | 70-130 | | %Rec | 1 | 5/2/2019 11:55:38 AM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/2/2019 2:27:46 PM | 44661 |
| Surr: BFB | 90.3 | 73.8-119 | | %Rec | 1 | 5/2/2019 2:27:46 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/2/2019 2:27:46 PM | 44661 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/2/2019 2:27:46 PM | 44661 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/2/2019 2:27:46 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 2:27:46 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 90.9 | 80-120 | | %Rec | 1 | 5/2/2019 2:27:46 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-053-01

Project: NEU 315H

Collection Date: 4/29/2019 2:35:00 PM

Lab ID: 1905003-027

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/2/2019 6:17:40 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.1 | | mg/Kg-dr | 1 | 5/2/2019 12:19:32 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg-dr | 1 | 5/2/2019 12:19:32 PM | 44641 |
| Surr: DNOP | 98.7 | 70-130 | | %Rec | 1 | 5/2/2019 12:19:32 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/2/2019 2:50:29 PM | 44661 |
| Surr: BFB | 93.1 | 73.8-119 | | %Rec | 1 | 5/2/2019 2:50:29 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/2/2019 2:50:29 PM | 44661 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 2:50:29 PM | 44661 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 2:50:29 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 2:50:29 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 92.8 | 80-120 | | %Rec | 1 | 5/2/2019 2:50:29 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-051-01

Project: NEU 315H

Collection Date: 4/29/2019 2:48:00 PM

Lab ID: 1905003-028

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 15 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/2/2019 6:54:53 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/2/2019 1:07:26 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/2/2019 1:07:26 PM | 44641 |
| Surr: DNOP | 98.4 | 70-130 | | %Rec | 1 | 5/2/2019 1:07:26 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/2/2019 4:43:49 PM | 44661 |
| Surr: BFB | 90.8 | 73.8-119 | | %Rec | 1 | 5/2/2019 4:43:49 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/2/2019 4:43:49 PM | 44661 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/2/2019 4:43:49 PM | 44661 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/2/2019 4:43:49 PM | 44661 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/2/2019 4:43:49 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 91.2 | 80-120 | | %Rec | 1 | 5/2/2019 4:43:49 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-049-01

Project: NEU 315H

Collection Date: 4/29/2019 2:58:00 PM

Lab ID: 1905003-029

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/2/2019 7:07:18 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.2 | | mg/Kg-dr | 1 | 5/2/2019 1:31:23 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg-dr | 1 | 5/2/2019 1:31:23 PM | 44641 |
| Surr: DNOP | 96.4 | 70-130 | | %Rec | 1 | 5/2/2019 1:31:23 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/2/2019 5:06:27 PM | 44661 |
| Surr: BFB | 92.4 | 73.8-119 | | %Rec | 1 | 5/2/2019 5:06:27 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/2/2019 5:06:27 PM | 44661 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 5:06:27 PM | 44661 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 5:06:27 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 5:06:27 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 92.3 | 80-120 | | %Rec | 1 | 5/2/2019 5:06:27 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-047-01

Project: NEU 315H

Collection Date: 4/29/2019 2:59:00 PM

Lab ID: 1905003-030

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 73 | | mg/Kg-dr | 20 | 5/2/2019 7:19:42 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg-dr | 1 | 5/2/2019 1:55:23 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 5/2/2019 1:55:23 PM | 44641 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 5/2/2019 1:55:23 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/2/2019 5:29:04 PM | 44661 |
| Surr: BFB | 92.7 | 73.8-119 | | %Rec | 1 | 5/2/2019 5:29:04 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/2/2019 5:29:04 PM | 44661 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 5:29:04 PM | 44661 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 5:29:04 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 5:29:04 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 92.0 | 80-120 | | %Rec | 1 | 5/2/2019 5:29:04 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-045-01

Project: NEU 315H

Collection Date: 4/29/2019 3:12:00 PM

Lab ID: 1905003-031

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 18 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 73 | | mg/Kg-dr | 20 | 5/2/2019 7:32:06 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.9 | | mg/Kg-dr | 1 | 5/2/2019 2:19:41 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/2/2019 2:19:41 PM | 44641 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 5/2/2019 2:19:41 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/2/2019 5:51:59 PM | 44661 |
| Surr: BFB | 90.3 | 73.8-119 | | %Rec | 1 | 5/2/2019 5:51:59 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/2/2019 5:51:59 PM | 44661 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/2/2019 5:51:59 PM | 44661 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/2/2019 5:51:59 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 5:51:59 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 88.0 | 80-120 | | %Rec | 1 | 5/2/2019 5:51:59 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-043-01

Project: NEU 315H

Collection Date: 4/29/2019 3:15:00 PM

Lab ID: 1905003-032

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 20 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 74 | | mg/Kg-dr | 20 | 5/2/2019 7:44:30 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg-dr | 1 | 5/2/2019 2:43:56 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 5/2/2019 2:43:56 PM | 44641 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 5/2/2019 2:43:56 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.1 | | mg/Kg-dr | 1 | 5/2/2019 6:14:31 PM | 44661 |
| Surr: BFB | 94.1 | 73.8-119 | | %Rec | 1 | 5/2/2019 6:14:31 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/2/2019 6:14:31 PM | 44661 |
| Toluene | ND | 0.061 | | mg/Kg-dr | 1 | 5/2/2019 6:14:31 PM | 44661 |
| Ethylbenzene | ND | 0.061 | | mg/Kg-dr | 1 | 5/2/2019 6:14:31 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 6:14:31 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 93.7 | 80-120 | | %Rec | 1 | 5/2/2019 6:14:31 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-041-01

Project: NEU 315H

Collection Date: 4/29/2019 3:17:00 PM

Lab ID: 1905003-033

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 15 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/2/2019 8:21:44 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg-dr | 1 | 5/2/2019 3:08:06 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 5/2/2019 3:08:06 PM | 44641 |
| Surr: DNOP | 98.7 | 70-130 | | %Rec | 1 | 5/2/2019 3:08:06 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/2/2019 6:37:05 PM | 44661 |
| Surr: BFB | 93.6 | 73.8-119 | | %Rec | 1 | 5/2/2019 6:37:05 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/2/2019 6:37:05 PM | 44661 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 6:37:05 PM | 44661 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/2/2019 6:37:05 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 6:37:05 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 93.0 | 80-120 | | %Rec | 1 | 5/2/2019 6:37:05 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-039-01

Project: NEU 315H

Collection Date: 4/29/2019 3:24:00 PM

Lab ID: 1905003-034

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 22 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 77 | | mg/Kg-dr | 20 | 5/2/2019 8:34:09 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg-dr | 1 | 5/2/2019 3:32:20 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 5/2/2019 3:32:20 PM | 44641 |
| Surr: DNOP | 100 | 70-130 | | %Rec | 1 | 5/2/2019 3:32:20 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.2 | | mg/Kg-dr | 1 | 5/2/2019 6:59:49 PM | 44661 |
| Surr: BFB | 93.0 | 73.8-119 | | %Rec | 1 | 5/2/2019 6:59:49 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.031 | | mg/Kg-dr | 1 | 5/2/2019 6:59:49 PM | 44661 |
| Toluene | ND | 0.062 | | mg/Kg-dr | 1 | 5/2/2019 6:59:49 PM | 44661 |
| Ethylbenzene | ND | 0.062 | | mg/Kg-dr | 1 | 5/2/2019 6:59:49 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 6:59:49 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 93.2 | 80-120 | | %Rec | 1 | 5/2/2019 6:59:49 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-037-01

Project: NEU 315H

Collection Date: 4/29/2019 3:21:00 PM

Lab ID: 1905003-035

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 19 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 74 | | mg/Kg-dr | 20 | 5/2/2019 8:46:33 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg-dr | 1 | 5/2/2019 3:56:25 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/2/2019 3:56:25 PM | 44641 |
| Surr: DNOP | 102 | 70-130 | | %Rec | 1 | 5/2/2019 3:56:25 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.2 | | mg/Kg-dr | 1 | 5/2/2019 7:22:35 PM | 44661 |
| Surr: BFB | 91.4 | 73.8-119 | | %Rec | 1 | 5/2/2019 7:22:35 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.031 | | mg/Kg-dr | 1 | 5/2/2019 7:22:35 PM | 44661 |
| Toluene | ND | 0.062 | | mg/Kg-dr | 1 | 5/2/2019 7:22:35 PM | 44661 |
| Ethylbenzene | ND | 0.062 | | mg/Kg-dr | 1 | 5/2/2019 7:22:35 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 7:22:35 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 90.2 | 80-120 | | %Rec | 1 | 5/2/2019 7:22:35 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-035-01

Project: NEU 315H

Collection Date: 4/29/2019 3:30:00 PM

Lab ID: 1905003-036

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 20 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 76 | | mg/Kg-dr | 20 | 5/2/2019 8:58:58 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.9 | | mg/Kg-dr | 1 | 5/2/2019 4:20:33 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/2/2019 4:20:33 PM | 44641 |
| Surr: DNOP | 102 | 70-130 | | %Rec | 1 | 5/2/2019 4:20:33 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/2/2019 7:45:16 PM | 44661 |
| Surr: BFB | 90.7 | 73.8-119 | | %Rec | 1 | 5/2/2019 7:45:16 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/2/2019 7:45:16 PM | 44661 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/2/2019 7:45:16 PM | 44661 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/2/2019 7:45:16 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 7:45:16 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 90.9 | 80-120 | | %Rec | 1 | 5/2/2019 7:45:16 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-033-01

Project: NEU 315H

Collection Date: 4/29/2019 3:46:00 PM

Lab ID: 1905003-037

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|---------------|-----------|-------------|--------------|-----------|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/2/2019 9:11:22 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.4 | | mg/Kg-dr | 1 | 5/2/2019 4:44:38 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg-dr | 1 | 5/2/2019 4:44:38 PM | 44641 |
| Surr: DNOP | 103 | 70-130 | | %Rec | 1 | 5/2/2019 4:44:38 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/2/2019 8:08:00 PM | 44661 |
| Surr: BFB | 90.7 | 73.8-119 | | %Rec | 1 | 5/2/2019 8:08:00 PM | 44661 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/2/2019 8:08:00 PM | 44661 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/2/2019 8:08:00 PM | 44661 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/2/2019 8:08:00 PM | 44661 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/2/2019 8:08:00 PM | 44661 |
| Surr: 4-Bromofluorobenzene | 89.9 | 80-120 | | %Rec | 1 | 5/2/2019 8:08:00 PM | 44661 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-031-01

Project: NEU 315H

Collection Date: 4/29/2019 3:43:00 PM

Lab ID: 1905003-038

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/2/2019 9:23:47 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 8.7 | | mg/Kg-dr | 1 | 5/2/2019 5:08:40 PM | 44641 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg-dr | 1 | 5/2/2019 5:08:40 PM | 44641 |
| Surr: DNOP | 102 | 70-130 | | %Rec | 1 | 5/2/2019 5:08:40 PM | 44641 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/3/2019 1:30:38 PM | 44663 |
| Surr: BFB | 90.9 | 73.8-119 | | %Rec | 1 | 5/3/2019 1:30:38 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/3/2019 1:30:38 PM | 44663 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/3/2019 1:30:38 PM | 44663 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/3/2019 1:30:38 PM | 44663 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 1:30:38 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 91.3 | 80-120 | | %Rec | 1 | 5/3/2019 1:30:38 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-029-01

Project: NEU 315H

Collection Date: 4/29/2019 3:50:00 PM

Lab ID: 1905003-039

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 20 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 75 | | mg/Kg-dr | 20 | 5/2/2019 9:36:12 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg-dr | 1 | 5/2/2019 12:54:10 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 63 | | mg/Kg-dr | 1 | 5/2/2019 12:54:10 PM | 44642 |
| Surr: DNOP | 109 | 70-130 | | %Rec | 1 | 5/2/2019 12:54:10 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/3/2019 2:40:47 PM | 44663 |
| Surr: BFB | 89.6 | 73.8-119 | | %Rec | 1 | 5/3/2019 2:40:47 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/3/2019 2:40:47 PM | 44663 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/3/2019 2:40:47 PM | 44663 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/3/2019 2:40:47 PM | 44663 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 2:40:47 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 90.4 | 80-120 | | %Rec | 1 | 5/3/2019 2:40:47 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-027-01

Project: NEU 315H

Collection Date: 4/29/2019 3:55:00 PM

Lab ID: 1905003-040

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/2/2019 9:48:37 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 2:00:12 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 56 | | mg/Kg-dr | 1 | 5/2/2019 2:00:12 PM | 44642 |
| Surr: DNOP | 108 | 70-130 | | %Rec | 1 | 5/2/2019 2:00:12 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/3/2019 3:50:54 PM | 44663 |
| Surr: BFB | 87.8 | 73.8-119 | | %Rec | 1 | 5/3/2019 3:50:54 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/3/2019 3:50:54 PM | 44663 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/3/2019 3:50:54 PM | 44663 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/3/2019 3:50:54 PM | 44663 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 3:50:54 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 87.7 | 80-120 | | %Rec | 1 | 5/3/2019 3:50:54 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-025-01

Project: NEU 315H

Collection Date: 4/29/2019 3:56:00 PM

Lab ID: 1905003-041

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 18 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 73 | | mg/Kg-dr | 20 | 5/2/2019 10:01:01 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 2:22:28 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/2/2019 2:22:28 PM | 44642 |
| Surr: DNOP | 106 | 70-130 | | %Rec | 1 | 5/2/2019 2:22:28 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/3/2019 4:14:18 PM | 44663 |
| Surr: BFB | 90.3 | 73.8-119 | | %Rec | 1 | 5/3/2019 4:14:18 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/3/2019 4:14:18 PM | 44663 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/3/2019 4:14:18 PM | 44663 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/3/2019 4:14:18 PM | 44663 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 4:14:18 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 91.2 | 80-120 | | %Rec | 1 | 5/3/2019 4:14:18 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-023-01

Project: NEU 315H

Collection Date: 4/29/2019 4:00:00 PM

Lab ID: 1905003-042

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 73 | | mg/Kg-dr | 20 | 5/2/2019 10:13:25 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/2/2019 3:06:46 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 5/2/2019 3:06:46 PM | 44642 |
| Surr: DNOP | 104 | 70-130 | | %Rec | 1 | 5/2/2019 3:06:46 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/3/2019 6:11:13 PM | 44663 |
| Surr: BFB | 87.7 | 73.8-119 | | %Rec | 1 | 5/3/2019 6:11:13 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/3/2019 6:11:13 PM | 44663 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/3/2019 6:11:13 PM | 44663 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/3/2019 6:11:13 PM | 44663 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 6:11:13 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 87.7 | 80-120 | | %Rec | 1 | 5/3/2019 6:11:13 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-021-01

Project: NEU 315H

Collection Date: 4/29/2019 4:02:00 PM

Lab ID: 1905003-043

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/2/2019 10:50:39 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 14 | 12 | | mg/Kg-dr | 1 | 5/2/2019 3:28:50 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 59 | | mg/Kg-dr | 1 | 5/2/2019 3:28:50 PM | 44642 |
| Surr: DNOP | 112 | 70-130 | | %Rec | 1 | 5/2/2019 3:28:50 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/3/2019 6:34:29 PM | 44663 |
| Surr: BFB | 90.7 | 73.8-119 | | %Rec | 1 | 5/3/2019 6:34:29 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/3/2019 6:34:29 PM | 44663 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/3/2019 6:34:29 PM | 44663 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/3/2019 6:34:29 PM | 44663 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 6:34:29 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 90.7 | 80-120 | | %Rec | 1 | 5/3/2019 6:34:29 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-019-01

Project: NEU 315H

Collection Date: 4/29/2019 4:04:00 PM

Lab ID: 1905003-044

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 19 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 75 | | mg/Kg-dr | 20 | 5/2/2019 11:03:04 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 4:13:02 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 56 | | mg/Kg-dr | 1 | 5/2/2019 4:13:02 PM | 44642 |
| Surr: DNOP | 108 | 70-130 | | %Rec | 1 | 5/2/2019 4:13:02 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.1 | | mg/Kg-dr | 1 | 5/3/2019 6:57:45 PM | 44663 |
| Surr: BFB | 89.6 | 73.8-119 | | %Rec | 1 | 5/3/2019 6:57:45 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.031 | | mg/Kg-dr | 1 | 5/3/2019 6:57:45 PM | 44663 |
| Toluene | ND | 0.061 | | mg/Kg-dr | 1 | 5/3/2019 6:57:45 PM | 44663 |
| Ethylbenzene | ND | 0.061 | | mg/Kg-dr | 1 | 5/3/2019 6:57:45 PM | 44663 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 6:57:45 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 90.4 | 80-120 | | %Rec | 1 | 5/3/2019 6:57:45 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-017-01

Project: NEU 315H

Collection Date: 4/29/2019 4:20:00 PM

Lab ID: 1905003-045

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 24 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 79 | | mg/Kg-dr | 20 | 5/2/2019 11:15:28 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/2/2019 4:35:21 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 60 | | mg/Kg-dr | 1 | 5/2/2019 4:35:21 PM | 44642 |
| Surr: DNOP | 104 | 70-130 | | %Rec | 1 | 5/2/2019 4:35:21 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.4 | | mg/Kg-dr | 1 | 5/3/2019 7:21:00 PM | 44663 |
| Surr: BFB | 89.2 | 73.8-119 | | %Rec | 1 | 5/3/2019 7:21:00 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.032 | | mg/Kg-dr | 1 | 5/3/2019 7:21:00 PM | 44663 |
| Toluene | ND | 0.064 | | mg/Kg-dr | 1 | 5/3/2019 7:21:00 PM | 44663 |
| Ethylbenzene | ND | 0.064 | | mg/Kg-dr | 1 | 5/3/2019 7:21:00 PM | 44663 |
| Xylenes, Total | ND | 0.13 | | mg/Kg-dr | 1 | 5/3/2019 7:21:00 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 88.9 | 80-120 | | %Rec | 1 | 5/3/2019 7:21:00 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-015-01

Project: NEU 315H

Collection Date: 4/29/2019 4:23:00 PM

Lab ID: 1905003-046

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 19 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 75 | | mg/Kg-dr | 20 | 5/2/2019 11:27:53 PM | 44699 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 4:57:27 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/2/2019 4:57:27 PM | 44642 |
| Surr: DNOP | 108 | 70-130 | | %Rec | 1 | 5/2/2019 4:57:27 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.1 | | mg/Kg-dr | 1 | 5/3/2019 7:44:16 PM | 44663 |
| Surr: BFB | 95.6 | 73.8-119 | | %Rec | 1 | 5/3/2019 7:44:16 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.031 | | mg/Kg-dr | 1 | 5/3/2019 7:44:16 PM | 44663 |
| Toluene | ND | 0.061 | | mg/Kg-dr | 1 | 5/3/2019 7:44:16 PM | 44663 |
| Ethylbenzene | ND | 0.061 | | mg/Kg-dr | 1 | 5/3/2019 7:44:16 PM | 44663 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/3/2019 7:44:16 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 96.1 | 80-120 | | %Rec | 1 | 5/3/2019 7:44:16 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-013-01

Project: NEU 315H

Collection Date: 4/29/2019 4:25:00 PM

Lab ID: 1905003-047

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 22 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 77 | | mg/Kg-dr | 20 | 5/3/2019 9:55:56 AM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/2/2019 5:19:41 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 5/2/2019 5:19:41 PM | 44642 |
| Surr: DNOP | 109 | 70-130 | | %Rec | 1 | 5/2/2019 5:19:41 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.3 | | mg/Kg-dr | 1 | 5/3/2019 8:07:30 PM | 44663 |
| Surr: BFB | 97.4 | 73.8-119 | | %Rec | 1 | 5/3/2019 8:07:30 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.031 | | mg/Kg-dr | 1 | 5/3/2019 8:07:30 PM | 44663 |
| Toluene | ND | 0.063 | | mg/Kg-dr | 1 | 5/3/2019 8:07:30 PM | 44663 |
| Ethylbenzene | ND | 0.063 | | mg/Kg-dr | 1 | 5/3/2019 8:07:30 PM | 44663 |
| Xylenes, Total | ND | 0.13 | | mg/Kg-dr | 1 | 5/3/2019 8:07:30 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 94.6 | 80-120 | | %Rec | 1 | 5/3/2019 8:07:30 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-001-01

Project: NEU 315H

Collection Date: 4/29/2019 4:50:00 PM

Lab ID: 1905003-048

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.3 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/3/2019 10:08:21 AM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg-dr | 1 | 5/2/2019 5:42:03 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 5/2/2019 5:42:03 PM | 44642 |
| Surr: DNOP | 111 | 70-130 | | %Rec | 1 | 5/2/2019 5:42:03 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/3/2019 8:30:47 PM | 44663 |
| Surr: BFB | 88.8 | 73.8-119 | | %Rec | 1 | 5/3/2019 8:30:47 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/3/2019 8:30:47 PM | 44663 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/3/2019 8:30:47 PM | 44663 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/3/2019 8:30:47 PM | 44663 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/3/2019 8:30:47 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 88.6 | 80-120 | | %Rec | 1 | 5/3/2019 8:30:47 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-002-01

Project: NEU 315H

Collection Date: 4/29/2019 4:55:00 PM

Lab ID: 1905003-049

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/3/2019 10:45:35 AM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 6:04:26 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 56 | | mg/Kg-dr | 1 | 5/2/2019 6:04:26 PM | 44642 |
| Surr: DNOP | 110 | 70-130 | | %Rec | 1 | 5/2/2019 6:04:26 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.7 | | mg/Kg-dr | 1 | 5/3/2019 8:54:00 PM | 44663 |
| Surr: BFB | 88.7 | 73.8-119 | | %Rec | 1 | 5/3/2019 8:54:00 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/3/2019 8:54:00 PM | 44663 |
| Toluene | ND | 0.057 | | mg/Kg-dr | 1 | 5/3/2019 8:54:00 PM | 44663 |
| Ethylbenzene | ND | 0.057 | | mg/Kg-dr | 1 | 5/3/2019 8:54:00 PM | 44663 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/3/2019 8:54:00 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 88.9 | 80-120 | | %Rec | 1 | 5/3/2019 8:54:00 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-104-01

Project: NEU 315H

Collection Date: 4/29/2019 5:45:00 PM

Lab ID: 1905003-050

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/3/2019 10:57:59 AM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/2/2019 6:26:47 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 5/2/2019 6:26:47 PM | 44642 |
| Surr: DNOP | 114 | 70-130 | | %Rec | 1 | 5/2/2019 6:26:47 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/3/2019 9:17:20 PM | 44663 |
| Surr: BFB | 87.8 | 73.8-119 | | %Rec | 1 | 5/3/2019 9:17:20 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/3/2019 9:17:20 PM | 44663 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/3/2019 9:17:20 PM | 44663 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/3/2019 9:17:20 PM | 44663 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/3/2019 9:17:20 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 86.9 | 80-120 | | %Rec | 1 | 5/3/2019 9:17:20 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-Pit-01

Project: NEU 315H

Collection Date: 4/29/2019 1:00:00 PM

Lab ID: 1905003-051

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/3/2019 12:00:03 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 6:49:10 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/2/2019 6:49:10 PM | 44642 |
| Surr: DNOP | 110 | 70-130 | | %Rec | 1 | 5/2/2019 6:49:10 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/3/2019 9:40:48 PM | 44663 |
| Surr: BFB | 88.1 | 73.8-119 | | %Rec | 1 | 5/3/2019 9:40:48 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/3/2019 9:40:48 PM | 44663 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/3/2019 9:40:48 PM | 44663 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/3/2019 9:40:48 PM | 44663 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/3/2019 9:40:48 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 87.6 | 80-120 | | %Rec | 1 | 5/3/2019 9:40:48 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-Pit-07

Project: NEU 315H

Collection Date: 4/29/2019 2:00:00 PM

Lab ID: 1905003-052

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 10 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/3/2019 12:12:28 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/2/2019 7:11:26 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/2/2019 7:11:26 PM | 44642 |
| Surr: DNOP | 111 | 70-130 | | %Rec | 1 | 5/2/2019 7:11:26 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/3/2019 11:38:10 PM | 44663 |
| Surr: BFB | 95.5 | 73.8-119 | | %Rec | 1 | 5/3/2019 11:38:10 PM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/3/2019 11:38:10 PM | 44663 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/3/2019 11:38:10 PM | 44663 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/3/2019 11:38:10 PM | 44663 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/3/2019 11:38:10 PM | 44663 |
| Surr: 4-Bromofluorobenzene | 90.8 | 80-120 | | %Rec | 1 | 5/3/2019 11:38:10 PM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-A

Project: NEU 315H

Collection Date: 4/29/2019 3:26:00 PM

Lab ID: 1905003-053

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 22 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 77 | | mg/Kg-dr | 20 | 5/3/2019 12:24:52 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg-dr | 1 | 5/2/2019 7:33:54 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 63 | | mg/Kg-dr | 1 | 5/2/2019 7:33:54 PM | 44642 |
| Surr: DNOP | 110 | 70-130 | | %Rec | 1 | 5/2/2019 7:33:54 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.4 | | mg/Kg-dr | 1 | 5/4/2019 12:01:40 AM | 44663 |
| Surr: BFB | 86.1 | 73.8-119 | | %Rec | 1 | 5/4/2019 12:01:40 AM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.032 | | mg/Kg-dr | 1 | 5/4/2019 12:01:40 AM | 44663 |
| Toluene | ND | 0.064 | | mg/Kg-dr | 1 | 5/4/2019 12:01:40 AM | 44663 |
| Ethylbenzene | ND | 0.064 | | mg/Kg-dr | 1 | 5/4/2019 12:01:40 AM | 44663 |
| Xylenes, Total | ND | 0.13 | | mg/Kg-dr | 1 | 5/4/2019 12:01:40 AM | 44663 |
| Surr: 4-Bromofluorobenzene | 85.3 | 80-120 | | %Rec | 1 | 5/4/2019 12:01:40 AM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-B

Project: NEU 315H

Collection Date: 4/29/2019 4:04:00 PM

Lab ID: 1905003-054

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 22 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 76 | | mg/Kg-dr | 20 | 5/3/2019 12:37:17 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 7:56:09 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/2/2019 7:56:09 PM | 44642 |
| Surr: DNOP | 114 | 70-130 | | %Rec | 1 | 5/2/2019 7:56:09 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.2 | | mg/Kg-dr | 1 | 5/4/2019 12:25:05 AM | 44663 |
| Surr: BFB | 91.5 | 73.8-119 | | %Rec | 1 | 5/4/2019 12:25:05 AM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.031 | | mg/Kg-dr | 1 | 5/4/2019 12:25:05 AM | 44663 |
| Toluene | ND | 0.062 | | mg/Kg-dr | 1 | 5/4/2019 12:25:05 AM | 44663 |
| Ethylbenzene | ND | 0.062 | | mg/Kg-dr | 1 | 5/4/2019 12:25:05 AM | 44663 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/4/2019 12:25:05 AM | 44663 |
| Surr: 4-Bromofluorobenzene | 91.2 | 80-120 | | %Rec | 1 | 5/4/2019 12:25:05 AM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-001

Project: NEU 315H

Collection Date: 4/29/2019 3:05:00 PM

Lab ID: 1905003-055

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|---------------|-----------|-------------|--------------|-----------|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 7.5 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/3/2019 12:49:42 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/2/2019 8:18:37 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/2/2019 8:18:37 PM | 44642 |
| Surr: DNOP | 111 | 70-130 | | %Rec | 1 | 5/2/2019 8:18:37 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/4/2019 12:48:24 AM | 44663 |
| Surr: BFB | 90.0 | 73.8-119 | | %Rec | 1 | 5/4/2019 12:48:24 AM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/4/2019 12:48:24 AM | 44663 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/4/2019 12:48:24 AM | 44663 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/4/2019 12:48:24 AM | 44663 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 12:48:24 AM | 44663 |
| Surr: 4-Bromofluorobenzene | 89.5 | 80-120 | | %Rec | 1 | 5/4/2019 12:48:24 AM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-002

Project: NEU 315H

Collection Date: 4/29/2019 3:03:00 PM

Lab ID: 1905003-056

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.1 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/3/2019 1:02:06 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/2/2019 8:40:52 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 51 | | mg/Kg-dr | 1 | 5/2/2019 8:40:52 PM | 44642 |
| Surr: DNOP | 114 | 70-130 | | %Rec | 1 | 5/2/2019 8:40:52 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/4/2019 1:11:37 AM | 44663 |
| Surr: BFB | 89.4 | 73.8-119 | | %Rec | 1 | 5/4/2019 1:11:37 AM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/4/2019 1:11:37 AM | 44663 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/4/2019 1:11:37 AM | 44663 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/4/2019 1:11:37 AM | 44663 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 1:11:37 AM | 44663 |
| Surr: 4-Bromofluorobenzene | 90.1 | 80-120 | | %Rec | 1 | 5/4/2019 1:11:37 AM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-006

Project: NEU 315H

Collection Date: 4/29/2019 4:52:00 PM

Lab ID: 1905003-057

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|---------------|-----------|-------------|--------------|-----------|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/3/2019 1:14:30 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 67 | 12 | | mg/Kg-dr | 1 | 5/2/2019 9:03:15 PM | 44642 |
| Motor Oil Range Organics (MRO) | ND | 61 | | mg/Kg-dr | 1 | 5/2/2019 9:03:15 PM | 44642 |
| Surr: DNOP | 120 | 70-130 | | %Rec | 1 | 5/2/2019 9:03:15 PM | 44642 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/4/2019 1:35:12 AM | 44663 |
| Surr: BFB | 94.4 | 73.8-119 | | %Rec | 1 | 5/4/2019 1:35:12 AM | 44663 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/4/2019 1:35:12 AM | 44663 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/4/2019 1:35:12 AM | 44663 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/4/2019 1:35:12 AM | 44663 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/4/2019 1:35:12 AM | 44663 |
| Surr: 4-Bromofluorobenzene | 90.7 | 80-120 | | %Rec | 1 | 5/4/2019 1:35:12 AM | 44663 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-007

Project: NEU 315H

Collection Date: 4/29/2019 4:56:00 PM

Lab ID: 1905003-058

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 21 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 75 | | mg/Kg-dr | 20 | 5/3/2019 1:26:54 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 120 | 12 | | mg/Kg-dr | 1 | 5/3/2019 10:40:22 AM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 62 | | mg/Kg-dr | 1 | 5/3/2019 10:40:22 AM | 44643 |
| Surr: DNOP | 103 | 70-130 | | %Rec | 1 | 5/3/2019 10:40:22 AM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.3 | | mg/Kg-dr | 1 | 5/4/2019 3:09:05 AM | 44674 |
| Surr: BFB | 113 | 73.8-119 | | %Rec | 1 | 5/4/2019 3:09:05 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.031 | | mg/Kg-dr | 1 | 5/4/2019 3:09:05 AM | 44674 |
| Toluene | ND | 0.063 | | mg/Kg-dr | 1 | 5/4/2019 3:09:05 AM | 44674 |
| Ethylbenzene | ND | 0.063 | | mg/Kg-dr | 1 | 5/4/2019 3:09:05 AM | 44674 |
| Xylenes, Total | ND | 0.13 | | mg/Kg-dr | 1 | 5/4/2019 3:09:05 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 93.5 | 80-120 | | %Rec | 1 | 5/4/2019 3:09:05 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-008

Project: NEU 315H

Collection Date: 4/29/2019 3:07:00 PM

Lab ID: 1905003-059

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 20 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 75 | | mg/Kg-dr | 20 | 5/3/2019 1:39:19 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/3/2019 11:46:30 AM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 61 | | mg/Kg-dr | 1 | 5/3/2019 11:46:30 AM | 44643 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 5/3/2019 11:46:30 AM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/4/2019 4:19:22 AM | 44674 |
| Surr: BFB | 89.9 | 73.8-119 | | %Rec | 1 | 5/4/2019 4:19:22 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/4/2019 4:19:22 AM | 44674 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/4/2019 4:19:22 AM | 44674 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/4/2019 4:19:22 AM | 44674 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/4/2019 4:19:22 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 90.2 | 80-120 | | %Rec | 1 | 5/4/2019 4:19:22 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-009

Project: NEU 315H

Collection Date: 4/29/2019 5:00:00 PM

Lab ID: 1905003-060

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 21 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 76 | | mg/Kg-dr | 20 | 5/3/2019 1:51:43 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/3/2019 12:08:36 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 59 | | mg/Kg-dr | 1 | 5/3/2019 12:08:36 PM | 44643 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 5/3/2019 12:08:36 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/4/2019 7:03:34 AM | 44674 |
| Surr: BFB | 93.2 | 73.8-119 | | %Rec | 1 | 5/4/2019 7:03:34 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/4/2019 7:03:34 AM | 44674 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/4/2019 7:03:34 AM | 44674 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/4/2019 7:03:34 AM | 44674 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/4/2019 7:03:34 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 92.4 | 80-120 | | %Rec | 1 | 5/4/2019 7:03:34 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-010

Project: NEU 315H

Collection Date: 4/29/2019 4:50:00 PM

Lab ID: 1905003-061

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 18 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 73 | | mg/Kg-dr | 20 | 5/3/2019 2:28:56 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/3/2019 12:30:39 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 5/3/2019 12:30:39 PM | 44643 |
| Surr: DNOP | 97.5 | 70-130 | | %Rec | 1 | 5/3/2019 12:30:39 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.1 | | mg/Kg-dr | 1 | 5/4/2019 7:27:06 AM | 44674 |
| Surr: BFB | 91.1 | 73.8-119 | | %Rec | 1 | 5/4/2019 7:27:06 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/4/2019 7:27:06 AM | 44674 |
| Toluene | ND | 0.061 | | mg/Kg-dr | 1 | 5/4/2019 7:27:06 AM | 44674 |
| Ethylbenzene | ND | 0.061 | | mg/Kg-dr | 1 | 5/4/2019 7:27:06 AM | 44674 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/4/2019 7:27:06 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 90.4 | 80-120 | | %Rec | 1 | 5/4/2019 7:27:06 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-011

Project: NEU 315H

Collection Date: 4/29/2019 3:10:00 PM

Lab ID: 1905003-062

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/3/2019 2:41:20 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 1:07:48 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 56 | | mg/Kg-dr | 1 | 5/3/2019 1:07:48 PM | 44643 |
| Surr: DNOP | 99.8 | 70-130 | | %Rec | 1 | 5/3/2019 1:07:48 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.7 | | mg/Kg-dr | 1 | 5/4/2019 7:50:37 AM | 44674 |
| Surr: BFB | 90.9 | 73.8-119 | | %Rec | 1 | 5/4/2019 7:50:37 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/4/2019 7:50:37 AM | 44674 |
| Toluene | ND | 0.057 | | mg/Kg-dr | 1 | 5/4/2019 7:50:37 AM | 44674 |
| Ethylbenzene | ND | 0.057 | | mg/Kg-dr | 1 | 5/4/2019 7:50:37 AM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 7:50:37 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 90.2 | 80-120 | | %Rec | 1 | 5/4/2019 7:50:37 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-012

Project: NEU 315H

Collection Date: 4/29/2019 3:06:00 PM

Lab ID: 1905003-063

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 15 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/3/2019 2:53:45 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/3/2019 1:29:40 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 5/3/2019 1:29:40 PM | 44643 |
| Surr: DNOP | 95.7 | 70-130 | | %Rec | 1 | 5/3/2019 1:29:40 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/4/2019 8:14:03 AM | 44674 |
| Surr: BFB | 88.3 | 73.8-119 | | %Rec | 1 | 5/4/2019 8:14:03 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/4/2019 8:14:03 AM | 44674 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/4/2019 8:14:03 AM | 44674 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/4/2019 8:14:03 AM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 8:14:03 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 88.7 | 80-120 | | %Rec | 1 | 5/4/2019 8:14:03 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-013

Project: NEU 315H

Collection Date: 4/29/2019 4:47:00 PM

Lab ID: 1905003-064

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/3/2019 3:06:09 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 1:51:51 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/3/2019 1:51:51 PM | 44643 |
| Surr: DNOP | 99.7 | 70-130 | | %Rec | 1 | 5/3/2019 1:51:51 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/4/2019 8:37:23 AM | 44674 |
| Surr: BFB | 89.8 | 73.8-119 | | %Rec | 1 | 5/4/2019 8:37:23 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/4/2019 8:37:23 AM | 44674 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/4/2019 8:37:23 AM | 44674 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/4/2019 8:37:23 AM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 8:37:23 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 88.5 | 80-120 | | %Rec | 1 | 5/4/2019 8:37:23 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-014

Project: NEU 315H

Collection Date: 4/29/2019 4:40:00 PM

Lab ID: 1905003-065

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 18 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 73 | | mg/Kg-dr | 20 | 5/3/2019 3:18:34 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 2:13:44 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 56 | | mg/Kg-dr | 1 | 5/3/2019 2:13:44 PM | 44643 |
| Surr: DNOP | 103 | 70-130 | | %Rec | 1 | 5/3/2019 2:13:44 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/4/2019 9:00:43 AM | 44674 |
| Surr: BFB | 95.5 | 73.8-119 | | %Rec | 1 | 5/4/2019 9:00:43 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/4/2019 9:00:43 AM | 44674 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/4/2019 9:00:43 AM | 44674 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/4/2019 9:00:43 AM | 44674 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/4/2019 9:00:43 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 92.7 | 80-120 | | %Rec | 1 | 5/4/2019 9:00:43 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-015

Project: NEU 315H

Collection Date: 4/29/2019 4:53:00 PM

Lab ID: 1905003-066

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/3/2019 3:30:59 PM | 44703 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 2:35:53 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 54 | | mg/Kg-dr | 1 | 5/3/2019 2:35:53 PM | 44643 |
| Surr: DNOP | 99.7 | 70-130 | | %Rec | 1 | 5/3/2019 2:35:53 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/4/2019 9:24:01 AM | 44674 |
| Surr: BFB | 93.0 | 73.8-119 | | %Rec | 1 | 5/4/2019 9:24:01 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/4/2019 9:24:01 AM | 44674 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/4/2019 9:24:01 AM | 44674 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/4/2019 9:24:01 AM | 44674 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/4/2019 9:24:01 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 92.6 | 80-120 | | %Rec | 1 | 5/4/2019 9:24:01 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-016

Project: NEU 315H

Collection Date: 4/29/2019 4:36:00 PM

Lab ID: 1905003-067

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/6/2019 2:39:25 PM | 44735 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 2:58:04 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 56 | | mg/Kg-dr | 1 | 5/3/2019 2:58:04 PM | 44643 |
| Surr: DNOP | 99.7 | 70-130 | | %Rec | 1 | 5/3/2019 2:58:04 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/4/2019 9:47:22 AM | 44674 |
| Surr: BFB | 92.1 | 73.8-119 | | %Rec | 1 | 5/4/2019 9:47:22 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/4/2019 9:47:22 AM | 44674 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/4/2019 9:47:22 AM | 44674 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/4/2019 9:47:22 AM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 9:47:22 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 92.8 | 80-120 | | %Rec | 1 | 5/4/2019 9:47:22 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-017

Project: NEU 315H

Collection Date: 4/29/2019 4:34:00 PM

Lab ID: 1905003-068

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 73 | | mg/Kg-dr | 20 | 5/6/2019 2:51:49 PM | 44735 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/3/2019 3:43:53 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 5/3/2019 3:43:53 PM | 44643 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 5/3/2019 3:43:53 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.7 | | mg/Kg-dr | 1 | 5/4/2019 10:10:46 AM | 44674 |
| Surr: BFB | 91.6 | 73.8-119 | | %Rec | 1 | 5/4/2019 10:10:46 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/4/2019 10:10:46 AM | 44674 |
| Toluene | ND | 0.057 | | mg/Kg-dr | 1 | 5/4/2019 10:10:46 AM | 44674 |
| Ethylbenzene | ND | 0.057 | | mg/Kg-dr | 1 | 5/4/2019 10:10:46 AM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 10:10:46 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 91.6 | 80-120 | | %Rec | 1 | 5/4/2019 10:10:46 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-018

Project: NEU 315H

Collection Date: 4/29/2019 4:43:00 PM

Lab ID: 1905003-069

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 10 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/6/2019 3:29:01 PM | 44735 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 4:05:58 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/3/2019 4:05:58 PM | 44643 |
| Surr: DNOP | 94.6 | 70-130 | | %Rec | 1 | 5/3/2019 4:05:58 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/4/2019 10:34:10 AM | 44674 |
| Surr: BFB | 91.8 | 73.8-119 | | %Rec | 1 | 5/4/2019 10:34:10 AM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/4/2019 10:34:10 AM | 44674 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/4/2019 10:34:10 AM | 44674 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/4/2019 10:34:10 AM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 10:34:10 AM | 44674 |
| Surr: 4-Bromofluorobenzene | 90.6 | 80-120 | | %Rec | 1 | 5/4/2019 10:34:10 AM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-019

Project: NEU 315H

Collection Date: 4/29/2019 4:08:00 PM

Lab ID: 1905003-070

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|---------------|-----------|-------------|--------------|-----------|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 18 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 73 | | mg/Kg-dr | 20 | 5/6/2019 3:41:26 PM | 44735 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/3/2019 4:27:58 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 59 | | mg/Kg-dr | 1 | 5/3/2019 4:27:58 PM | 44643 |
| Surr: DNOP | 96.2 | 70-130 | | %Rec | 1 | 5/3/2019 4:27:58 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/4/2019 12:32:19 PM | 44674 |
| Surr: BFB | 88.8 | 73.8-119 | | %Rec | 1 | 5/4/2019 12:32:19 PM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/4/2019 12:32:19 PM | 44674 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/4/2019 12:32:19 PM | 44674 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/4/2019 12:32:19 PM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 12:32:19 PM | 44674 |
| Surr: 4-Bromofluorobenzene | 88.0 | 80-120 | | %Rec | 1 | 5/4/2019 12:32:19 PM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-020

Project: NEU 315H

Collection Date: 4/29/2019 4:07:00 PM

Lab ID: 1905003-071

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 13 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 5/6/2019 3:53:51 PM | 44735 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 4:50:00 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/3/2019 4:50:00 PM | 44643 |
| Surr: DNOP | 98.1 | 70-130 | | %Rec | 1 | 5/3/2019 4:50:00 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/4/2019 12:55:59 PM | 44674 |
| Surr: BFB | 90.8 | 73.8-119 | | %Rec | 1 | 5/4/2019 12:55:59 PM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/4/2019 12:55:59 PM | 44674 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/4/2019 12:55:59 PM | 44674 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/4/2019 12:55:59 PM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 12:55:59 PM | 44674 |
| Surr: 4-Bromofluorobenzene | 90.0 | 80-120 | | %Rec | 1 | 5/4/2019 12:55:59 PM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-021

Project: NEU 315H

Collection Date: 4/29/2019 4:20:00 PM

Lab ID: 1905003-072

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/6/2019 4:06:16 PM | 44735 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 5:12:11 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/3/2019 5:12:11 PM | 44643 |
| Surr: DNOP | 98.2 | 70-130 | | %Rec | 1 | 5/3/2019 5:12:11 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/4/2019 1:19:36 PM | 44674 |
| Surr: BFB | 89.9 | 73.8-119 | | %Rec | 1 | 5/4/2019 1:19:36 PM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/4/2019 1:19:36 PM | 44674 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/4/2019 1:19:36 PM | 44674 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/4/2019 1:19:36 PM | 44674 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/4/2019 1:19:36 PM | 44674 |
| Surr: 4-Bromofluorobenzene | 88.3 | 80-120 | | %Rec | 1 | 5/4/2019 1:19:36 PM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-022

Project: NEU 315H

Collection Date: 4/29/2019 3:59:00 PM

Lab ID: 1905003-073

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/7/2019 5:43:41 PM | 44760 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 5:34:33 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 56 | | mg/Kg-dr | 1 | 5/3/2019 5:34:33 PM | 44643 |
| Surr: DNOP | 97.1 | 70-130 | | %Rec | 1 | 5/3/2019 5:34:33 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/4/2019 1:42:58 PM | 44674 |
| Surr: BFB | 90.0 | 73.8-119 | | %Rec | 1 | 5/4/2019 1:42:58 PM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/4/2019 1:42:58 PM | 44674 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/4/2019 1:42:58 PM | 44674 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/4/2019 1:42:58 PM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 1:42:58 PM | 44674 |
| Surr: 4-Bromofluorobenzene | 89.0 | 80-120 | | %Rec | 1 | 5/4/2019 1:42:58 PM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-023

Project: NEU 315H

Collection Date: 4/29/2019 3:56:00 PM

Lab ID: 1905003-074

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 13 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/7/2019 5:56:06 PM | 44760 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 5:57:01 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 54 | | mg/Kg-dr | 1 | 5/3/2019 5:57:01 PM | 44643 |
| Surr: DNOP | 97.6 | 70-130 | | %Rec | 1 | 5/3/2019 5:57:01 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.7 | | mg/Kg-dr | 1 | 5/4/2019 2:06:21 PM | 44674 |
| Surr: BFB | 93.4 | 73.8-119 | | %Rec | 1 | 5/4/2019 2:06:21 PM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/4/2019 2:06:21 PM | 44674 |
| Toluene | ND | 0.057 | | mg/Kg-dr | 1 | 5/4/2019 2:06:21 PM | 44674 |
| Ethylbenzene | ND | 0.057 | | mg/Kg-dr | 1 | 5/4/2019 2:06:21 PM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 2:06:21 PM | 44674 |
| Surr: 4-Bromofluorobenzene | 92.4 | 80-120 | | %Rec | 1 | 5/4/2019 2:06:21 PM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-024

Project: NEU 315H

Collection Date: 4/29/2019 3:55:00 PM

Lab ID: 1905003-075

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/7/2019 6:08:31 PM | 44760 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 6:19:22 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/3/2019 6:19:22 PM | 44643 |
| Surr: DNOP | 100 | 70-130 | | %Rec | 1 | 5/3/2019 6:19:22 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/4/2019 2:29:42 PM | 44674 |
| Surr: BFB | 90.1 | 73.8-119 | | %Rec | 1 | 5/4/2019 2:29:42 PM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/4/2019 2:29:42 PM | 44674 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/4/2019 2:29:42 PM | 44674 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/4/2019 2:29:42 PM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 2:29:42 PM | 44674 |
| Surr: 4-Bromofluorobenzene | 89.3 | 80-120 | | %Rec | 1 | 5/4/2019 2:29:42 PM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-025

Project: NEU 315H

Collection Date: 4/29/2019 3:50:00 PM

Lab ID: 1905003-076

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 6.2 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 64 | | mg/Kg-dr | 20 | 5/7/2019 6:20:55 PM | 44760 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/3/2019 6:41:37 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/3/2019 6:41:37 PM | 44643 |
| Surr: DNOP | 93.3 | 70-130 | | %Rec | 1 | 5/3/2019 6:41:37 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/4/2019 2:53:07 PM | 44674 |
| Surr: BFB | 91.1 | 73.8-119 | | %Rec | 1 | 5/4/2019 2:53:07 PM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/4/2019 2:53:07 PM | 44674 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/4/2019 2:53:07 PM | 44674 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/4/2019 2:53:07 PM | 44674 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/4/2019 2:53:07 PM | 44674 |
| Surr: 4-Bromofluorobenzene | 89.6 | 80-120 | | %Rec | 1 | 5/4/2019 2:53:07 PM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-026

Project: NEU 315H

Collection Date: 4/29/2019 3:48:00 PM

Lab ID: 1905003-077

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 13 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 5/7/2019 6:33:20 PM | 44760 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/3/2019 7:04:02 PM | 44643 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/3/2019 7:04:02 PM | 44643 |
| Surr: DNOP | 97.2 | 70-130 | | %Rec | 1 | 5/3/2019 7:04:02 PM | 44643 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/4/2019 3:16:48 PM | 44674 |
| Surr: BFB | 92.0 | 73.8-119 | | %Rec | 1 | 5/4/2019 3:16:48 PM | 44674 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/4/2019 3:16:48 PM | 44674 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/4/2019 3:16:48 PM | 44674 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/4/2019 3:16:48 PM | 44674 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/4/2019 3:16:48 PM | 44674 |
| Surr: 4-Bromofluorobenzene | 91.8 | 80-120 | | %Rec | 1 | 5/4/2019 3:16:48 PM | 44674 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-027

Project: NEU 315H

Collection Date: 4/29/2019 3:41:00 PM

Lab ID: 1905003-078

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 2:51:00 PM | R59610 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 5/7/2019 6:45:45 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/6/2019 8:04:51 PM | 44675 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 5/6/2019 8:04:51 PM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.0 | | mg/Kg-dr | 1 | 5/3/2019 9:47:55 AM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 45 | | mg/Kg-dr | 1 | 5/3/2019 9:47:55 AM | 44644 |
| Surr: DNOP | 94.3 | 70-130 | | %Rec | 1 | 5/3/2019 9:47:55 AM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/6/2019 8:04:51 PM | 44675 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/6/2019 8:04:51 PM | 44675 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/6/2019 8:04:51 PM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/6/2019 8:04:51 PM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 96.3 | 70-130 | | %Rec | 1 | 5/6/2019 8:04:51 PM | 44675 |
| Surr: 4-Bromofluorobenzene | 96.9 | 70-130 | | %Rec | 1 | 5/6/2019 8:04:51 PM | 44675 |
| Surr: Dibromofluoromethane | 109 | 70-130 | | %Rec | 1 | 5/6/2019 8:04:51 PM | 44675 |
| Surr: Toluene-d8 | 91.6 | 70-130 | | %Rec | 1 | 5/6/2019 8:04:51 PM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-028

Project: NEU 315H

Collection Date: 4/29/2019 3:39:00 PM

Lab ID: 1905003-079

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 13 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/7/2019 6:58:09 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/6/2019 9:30:46 PM | 44675 |
| Surr: BFB | 105 | 70-130 | | %Rec | 1 | 5/6/2019 9:30:46 PM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 8.8 | | mg/Kg-dr | 1 | 5/3/2019 10:11:54 AM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg-dr | 1 | 5/3/2019 10:11:54 AM | 44644 |
| Surr: DNOP | 95.0 | 70-130 | | %Rec | 1 | 5/3/2019 10:11:54 AM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/6/2019 9:30:46 PM | 44675 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/6/2019 9:30:46 PM | 44675 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/6/2019 9:30:46 PM | 44675 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/6/2019 9:30:46 PM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 96.6 | 70-130 | | %Rec | 1 | 5/6/2019 9:30:46 PM | 44675 |
| Surr: 4-Bromofluorobenzene | 95.3 | 70-130 | | %Rec | 1 | 5/6/2019 9:30:46 PM | 44675 |
| Surr: Dibromofluoromethane | 111 | 70-130 | | %Rec | 1 | 5/6/2019 9:30:46 PM | 44675 |
| Surr: Toluene-d8 | 90.8 | 70-130 | | %Rec | 1 | 5/6/2019 9:30:46 PM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-029

Project: NEU 315H

Collection Date: 4/29/2019 3:37:00 PM

Lab ID: 1905003-080

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 9.9 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/7/2019 7:10:33 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/6/2019 10:56:37 PM | 44675 |
| Surr: BFB | 107 | 70-130 | | %Rec | 1 | 5/6/2019 10:56:37 PM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 8.8 | | mg/Kg-dr | 1 | 5/3/2019 10:35:56 AM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg-dr | 1 | 5/3/2019 10:35:56 AM | 44644 |
| Surr: DNOP | 93.6 | 70-130 | | %Rec | 1 | 5/3/2019 10:35:56 AM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/6/2019 10:56:37 PM | 44675 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/6/2019 10:56:37 PM | 44675 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/6/2019 10:56:37 PM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/6/2019 10:56:37 PM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 96.4 | 70-130 | | %Rec | 1 | 5/6/2019 10:56:37 PM | 44675 |
| Surr: 4-Bromofluorobenzene | 95.5 | 70-130 | | %Rec | 1 | 5/6/2019 10:56:37 PM | 44675 |
| Surr: Dibromofluoromethane | 111 | 70-130 | | %Rec | 1 | 5/6/2019 10:56:37 PM | 44675 |
| Surr: Toluene-d8 | 91.4 | 70-130 | | %Rec | 1 | 5/6/2019 10:56:37 PM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-030

Project: NEU 315H

Collection Date: 4/29/2019 3:37:00 PM

Lab ID: 1905003-081

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 5/7/2019 7:47:46 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/6/2019 11:25:19 PM | 44675 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 5/6/2019 11:25:19 PM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg-dr | 1 | 5/3/2019 10:59:58 AM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/3/2019 10:59:58 AM | 44644 |
| Surr: DNOP | 95.4 | 70-130 | | %Rec | 1 | 5/3/2019 10:59:58 AM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/6/2019 11:25:19 PM | 44675 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/6/2019 11:25:19 PM | 44675 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/6/2019 11:25:19 PM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/6/2019 11:25:19 PM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 98.2 | 70-130 | | %Rec | 1 | 5/6/2019 11:25:19 PM | 44675 |
| Surr: 4-Bromofluorobenzene | 95.5 | 70-130 | | %Rec | 1 | 5/6/2019 11:25:19 PM | 44675 |
| Surr: Dibromofluoromethane | 115 | 70-130 | | %Rec | 1 | 5/6/2019 11:25:19 PM | 44675 |
| Surr: Toluene-d8 | 91.8 | 70-130 | | %Rec | 1 | 5/6/2019 11:25:19 PM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-031

Project: NEU 315H

Collection Date: 4/29/2019 3:30:00 PM

Lab ID: 1905003-082

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 6.9 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/7/2019 8:00:10 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/6/2019 11:54:05 PM | 44675 |
| Surr: BFB | 110 | 70-130 | | %Rec | 1 | 5/6/2019 11:54:05 PM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 8.7 | | mg/Kg-dr | 1 | 5/3/2019 11:24:01 AM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg-dr | 1 | 5/3/2019 11:24:01 AM | 44644 |
| Surr: DNOP | 94.7 | 70-130 | | %Rec | 1 | 5/3/2019 11:24:01 AM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/6/2019 11:54:05 PM | 44675 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/6/2019 11:54:05 PM | 44675 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/6/2019 11:54:05 PM | 44675 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/6/2019 11:54:05 PM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 98.3 | 70-130 | | %Rec | 1 | 5/6/2019 11:54:05 PM | 44675 |
| Surr: 4-Bromofluorobenzene | 99.5 | 70-130 | | %Rec | 1 | 5/6/2019 11:54:05 PM | 44675 |
| Surr: Dibromofluoromethane | 117 | 70-130 | | %Rec | 1 | 5/6/2019 11:54:05 PM | 44675 |
| Surr: Toluene-d8 | 93.1 | 70-130 | | %Rec | 1 | 5/6/2019 11:54:05 PM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-032

Project: NEU 315H

Collection Date: 4/29/2019 3:33:00 PM

Lab ID: 1905003-083

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 9.1 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/7/2019 8:12:36 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/7/2019 12:22:48 AM | 44675 |
| Surr: BFB | 106 | 70-130 | | %Rec | 1 | 5/7/2019 12:22:48 AM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.9 | | mg/Kg-dr | 1 | 5/3/2019 11:48:02 AM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/3/2019 11:48:02 AM | 44644 |
| Surr: DNOP | 93.2 | 70-130 | | %Rec | 1 | 5/3/2019 11:48:02 AM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/7/2019 12:22:48 AM | 44675 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/7/2019 12:22:48 AM | 44675 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/7/2019 12:22:48 AM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/7/2019 12:22:48 AM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 102 | 70-130 | | %Rec | 1 | 5/7/2019 12:22:48 AM | 44675 |
| Surr: 4-Bromofluorobenzene | 94.5 | 70-130 | | %Rec | 1 | 5/7/2019 12:22:48 AM | 44675 |
| Surr: Dibromofluoromethane | 117 | 70-130 | | %Rec | 1 | 5/7/2019 12:22:48 AM | 44675 |
| Surr: Toluene-d8 | 89.4 | 70-130 | | %Rec | 1 | 5/7/2019 12:22:48 AM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-033

Project: NEU 315H

Collection Date: 4/29/2019 3:27:00 PM

Lab ID: 1905003-084

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.6 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/7/2019 8:25:01 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/7/2019 12:51:32 AM | 44675 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 5/7/2019 12:51:32 AM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg-dr | 1 | 5/3/2019 12:12:09 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg-dr | 1 | 5/3/2019 12:12:09 PM | 44644 |
| Surr: DNOP | 92.0 | 70-130 | | %Rec | 1 | 5/3/2019 12:12:09 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/7/2019 12:51:32 AM | 44675 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/7/2019 12:51:32 AM | 44675 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/7/2019 12:51:32 AM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/7/2019 12:51:32 AM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 96.9 | 70-130 | | %Rec | 1 | 5/7/2019 12:51:32 AM | 44675 |
| Surr: 4-Bromofluorobenzene | 99.5 | 70-130 | | %Rec | 1 | 5/7/2019 12:51:32 AM | 44675 |
| Surr: Dibromofluoromethane | 115 | 70-130 | | %Rec | 1 | 5/7/2019 12:51:32 AM | 44675 |
| Surr: Toluene-d8 | 91.2 | 70-130 | | %Rec | 1 | 5/7/2019 12:51:32 AM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-034

Project: NEU 315H

Collection Date: 4/29/2019 3:24:00 PM

Lab ID: 1905003-085

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 5/7/2019 8:37:26 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/7/2019 1:20:10 AM | 44675 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 5/7/2019 1:20:10 AM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/3/2019 12:36:18 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 51 | | mg/Kg-dr | 1 | 5/3/2019 12:36:18 PM | 44644 |
| Surr: DNOP | 94.9 | 70-130 | | %Rec | 1 | 5/3/2019 12:36:18 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/7/2019 1:20:10 AM | 44675 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/7/2019 1:20:10 AM | 44675 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/7/2019 1:20:10 AM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/7/2019 1:20:10 AM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 96.2 | 70-130 | | %Rec | 1 | 5/7/2019 1:20:10 AM | 44675 |
| Surr: 4-Bromofluorobenzene | 95.0 | 70-130 | | %Rec | 1 | 5/7/2019 1:20:10 AM | 44675 |
| Surr: Dibromofluoromethane | 111 | 70-130 | | %Rec | 1 | 5/7/2019 1:20:10 AM | 44675 |
| Surr: Toluene-d8 | 92.1 | 70-130 | | %Rec | 1 | 5/7/2019 1:20:10 AM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-035

Project: NEU 315H

Collection Date: 4/29/2019 3:19:00 PM

Lab ID: 1905003-086

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 22 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 77 | | mg/Kg-dr | 20 | 5/7/2019 8:49:51 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 6.3 | | mg/Kg-dr | 1 | 5/7/2019 1:48:47 AM | 44675 |
| Surr: BFB | 106 | 70-130 | | %Rec | 1 | 5/7/2019 1:48:47 AM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.9 | | mg/Kg-dr | 1 | 5/3/2019 1:00:25 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/3/2019 1:00:25 PM | 44644 |
| Surr: DNOP | 94.8 | 70-130 | | %Rec | 1 | 5/3/2019 1:00:25 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.032 | | mg/Kg-dr | 1 | 5/7/2019 1:48:47 AM | 44675 |
| Toluene | ND | 0.063 | | mg/Kg-dr | 1 | 5/7/2019 1:48:47 AM | 44675 |
| Ethylbenzene | ND | 0.063 | | mg/Kg-dr | 1 | 5/7/2019 1:48:47 AM | 44675 |
| Xylenes, Total | ND | 0.13 | | mg/Kg-dr | 1 | 5/7/2019 1:48:47 AM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 98.8 | 70-130 | | %Rec | 1 | 5/7/2019 1:48:47 AM | 44675 |
| Surr: 4-Bromofluorobenzene | 94.1 | 70-130 | | %Rec | 1 | 5/7/2019 1:48:47 AM | 44675 |
| Surr: Dibromofluoromethane | 114 | 70-130 | | %Rec | 1 | 5/7/2019 1:48:47 AM | 44675 |
| Surr: Toluene-d8 | 90.5 | 70-130 | | %Rec | 1 | 5/7/2019 1:48:47 AM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-036

Project: NEU 315H

Collection Date: 4/29/2019 3:16:00 PM

Lab ID: 1905003-087

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/7/2019 9:02:15 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.7 | | mg/Kg-dr | 1 | 5/7/2019 2:17:23 AM | 44675 |
| Surr: BFB | 107 | 70-130 | | %Rec | 1 | 5/7/2019 2:17:23 AM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 8.9 | | mg/Kg-dr | 1 | 5/3/2019 2:27:43 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg-dr | 1 | 5/3/2019 2:27:43 PM | 44644 |
| Surr: DNOP | 96.2 | 70-130 | | %Rec | 1 | 5/3/2019 2:27:43 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/7/2019 2:17:23 AM | 44675 |
| Toluene | ND | 0.057 | | mg/Kg-dr | 1 | 5/7/2019 2:17:23 AM | 44675 |
| Ethylbenzene | ND | 0.057 | | mg/Kg-dr | 1 | 5/7/2019 2:17:23 AM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/7/2019 2:17:23 AM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 98.4 | 70-130 | | %Rec | 1 | 5/7/2019 2:17:23 AM | 44675 |
| Surr: 4-Bromofluorobenzene | 94.3 | 70-130 | | %Rec | 1 | 5/7/2019 2:17:23 AM | 44675 |
| Surr: Dibromofluoromethane | 114 | 70-130 | | %Rec | 1 | 5/7/2019 2:17:23 AM | 44675 |
| Surr: Toluene-d8 | 92.4 | 70-130 | | %Rec | 1 | 5/7/2019 2:17:23 AM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-037

Project: NEU 315H

Collection Date: 4/29/2019 3:13:00 PM

Lab ID: 1905003-088

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.1 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/7/2019 9:14:41 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/7/2019 2:46:01 AM | 44675 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 5/7/2019 2:46:01 AM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/3/2019 2:51:42 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/3/2019 2:51:42 PM | 44644 |
| Surr: DNOP | 105 | 70-130 | | %Rec | 1 | 5/3/2019 2:51:42 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/7/2019 2:46:01 AM | 44675 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/7/2019 2:46:01 AM | 44675 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/7/2019 2:46:01 AM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/7/2019 2:46:01 AM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 99.4 | 70-130 | | %Rec | 1 | 5/7/2019 2:46:01 AM | 44675 |
| Surr: 4-Bromofluorobenzene | 95.1 | 70-130 | | %Rec | 1 | 5/7/2019 2:46:01 AM | 44675 |
| Surr: Dibromofluoromethane | 114 | 70-130 | | %Rec | 1 | 5/7/2019 2:46:01 AM | 44675 |
| Surr: Toluene-d8 | 92.7 | 70-130 | | %Rec | 1 | 5/7/2019 2:46:01 AM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-038

Project: NEU 315H

Collection Date: 4/29/2019 3:06:00 PM

Lab ID: 1905003-089

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/7/2019 9:27:05 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/7/2019 9:32:03 PM | 44675 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 5/7/2019 9:32:03 PM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/3/2019 3:15:47 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 51 | | mg/Kg-dr | 1 | 5/3/2019 3:15:47 PM | 44644 |
| Surr: DNOP | 96.5 | 70-130 | | %Rec | 1 | 5/3/2019 3:15:47 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/7/2019 9:32:03 PM | 44675 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/7/2019 9:32:03 PM | 44675 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/7/2019 9:32:03 PM | 44675 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/7/2019 9:32:03 PM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 93.8 | 70-130 | | %Rec | 1 | 5/7/2019 9:32:03 PM | 44675 |
| Surr: 4-Bromofluorobenzene | 94.3 | 70-130 | | %Rec | 1 | 5/7/2019 9:32:03 PM | 44675 |
| Surr: Dibromofluoromethane | 109 | 70-130 | | %Rec | 1 | 5/7/2019 9:32:03 PM | 44675 |
| Surr: Toluene-d8 | 92.0 | 70-130 | | %Rec | 1 | 5/7/2019 9:32:03 PM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-039

Project: NEU 315H

Collection Date: 4/29/2019 3:05:00 PM

Lab ID: 1905003-090

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 7.2 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 64 | | mg/Kg-dr | 20 | 5/7/2019 9:39:29 PM | 44760 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/7/2019 10:00:47 PM | 44675 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 5/7/2019 10:00:47 PM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg-dr | 1 | 5/3/2019 3:39:51 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 5/3/2019 3:39:51 PM | 44644 |
| Surr: DNOP | 98.1 | 70-130 | | %Rec | 1 | 5/3/2019 3:39:51 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/7/2019 10:00:47 PM | 44675 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/7/2019 10:00:47 PM | 44675 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/7/2019 10:00:47 PM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/7/2019 10:00:47 PM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 93.1 | 70-130 | | %Rec | 1 | 5/7/2019 10:00:47 PM | 44675 |
| Surr: 4-Bromofluorobenzene | 96.3 | 70-130 | | %Rec | 1 | 5/7/2019 10:00:47 PM | 44675 |
| Surr: Dibromofluoromethane | 107 | 70-130 | | %Rec | 1 | 5/7/2019 10:00:47 PM | 44675 |
| Surr: Toluene-d8 | 90.3 | 70-130 | | %Rec | 1 | 5/7/2019 10:00:47 PM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-040

Project: NEU 315H

Collection Date: 4/29/2019 3:05:00 PM

Lab ID: 1905003-091

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 7.2 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/7/2019 3:30:42 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/7/2019 10:29:22 PM | 44675 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 5/7/2019 10:29:22 PM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg-dr | 1 | 5/3/2019 4:03:55 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/3/2019 4:03:55 PM | 44644 |
| Surr: DNOP | 99.6 | 70-130 | | %Rec | 1 | 5/3/2019 4:03:55 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/7/2019 10:29:22 PM | 44675 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/7/2019 10:29:22 PM | 44675 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/7/2019 10:29:22 PM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/7/2019 10:29:22 PM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 94.0 | 70-130 | | %Rec | 1 | 5/7/2019 10:29:22 PM | 44675 |
| Surr: 4-Bromofluorobenzene | 94.6 | 70-130 | | %Rec | 1 | 5/7/2019 10:29:22 PM | 44675 |
| Surr: Dibromofluoromethane | 108 | 70-130 | | %Rec | 1 | 5/7/2019 10:29:22 PM | 44675 |
| Surr: Toluene-d8 | 91.8 | 70-130 | | %Rec | 1 | 5/7/2019 10:29:22 PM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-041

Project: NEU 315H

Collection Date: 4/29/2019 3:01:00 PM

Lab ID: 1905003-092

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 6.5 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 64 | | mg/Kg-dr | 20 | 5/7/2019 3:43:07 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/7/2019 10:57:56 PM | 44675 |
| Surr: BFB | 107 | 70-130 | | %Rec | 1 | 5/7/2019 10:57:56 PM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg-dr | 1 | 5/3/2019 4:27:56 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/3/2019 4:27:56 PM | 44644 |
| Surr: DNOP | 95.9 | 70-130 | | %Rec | 1 | 5/3/2019 4:27:56 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/7/2019 10:57:56 PM | 44675 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/7/2019 10:57:56 PM | 44675 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/7/2019 10:57:56 PM | 44675 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/7/2019 10:57:56 PM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 94.6 | 70-130 | | %Rec | 1 | 5/7/2019 10:57:56 PM | 44675 |
| Surr: 4-Bromofluorobenzene | 93.2 | 70-130 | | %Rec | 1 | 5/7/2019 10:57:56 PM | 44675 |
| Surr: Dibromofluoromethane | 109 | 70-130 | | %Rec | 1 | 5/7/2019 10:57:56 PM | 44675 |
| Surr: Toluene-d8 | 91.1 | 70-130 | | %Rec | 1 | 5/7/2019 10:57:56 PM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-042

Project: NEU 315H

Collection Date: 4/29/2019 2:53:00 PM

Lab ID: 1905003-093

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 9.0 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/9/2019 10:34:24 AM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/7/2019 11:26:39 PM | 44675 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 5/7/2019 11:26:39 PM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg-dr | 1 | 5/3/2019 4:51:58 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/3/2019 4:51:58 PM | 44644 |
| Surr: DNOP | 95.5 | 70-130 | | %Rec | 1 | 5/3/2019 4:51:58 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/7/2019 11:26:39 PM | 44675 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/7/2019 11:26:39 PM | 44675 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/7/2019 11:26:39 PM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/7/2019 11:26:39 PM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 94.2 | 70-130 | | %Rec | 1 | 5/7/2019 11:26:39 PM | 44675 |
| Surr: 4-Bromofluorobenzene | 92.9 | 70-130 | | %Rec | 1 | 5/7/2019 11:26:39 PM | 44675 |
| Surr: Dibromofluoromethane | 108 | 70-130 | | %Rec | 1 | 5/7/2019 11:26:39 PM | 44675 |
| Surr: Toluene-d8 | 92.5 | 70-130 | | %Rec | 1 | 5/7/2019 11:26:39 PM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-043

Project: NEU 315H

Collection Date: 4/29/2019 2:52:00 PM

Lab ID: 1905003-094

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 2.9 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 62 | | mg/Kg-dr | 20 | 5/7/2019 5:09:59 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg-dr | 1 | 5/8/2019 3:16:27 AM | 44675 |
| Surr: BFB | 107 | 70-130 | | %Rec | 1 | 5/8/2019 3:16:27 AM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 8.6 | | mg/Kg-dr | 1 | 5/3/2019 5:16:09 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 43 | | mg/Kg-dr | 1 | 5/3/2019 5:16:09 PM | 44644 |
| Surr: DNOP | 94.6 | 70-130 | | %Rec | 1 | 5/3/2019 5:16:09 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.025 | | mg/Kg-dr | 1 | 5/8/2019 3:16:27 AM | 44675 |
| Toluene | ND | 0.050 | | mg/Kg-dr | 1 | 5/8/2019 3:16:27 AM | 44675 |
| Ethylbenzene | ND | 0.050 | | mg/Kg-dr | 1 | 5/8/2019 3:16:27 AM | 44675 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/8/2019 3:16:27 AM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 92.3 | 70-130 | | %Rec | 1 | 5/8/2019 3:16:27 AM | 44675 |
| Surr: 4-Bromofluorobenzene | 93.9 | 70-130 | | %Rec | 1 | 5/8/2019 3:16:27 AM | 44675 |
| Surr: Dibromofluoromethane | 106 | 70-130 | | %Rec | 1 | 5/8/2019 3:16:27 AM | 44675 |
| Surr: Toluene-d8 | 91.1 | 70-130 | | %Rec | 1 | 5/8/2019 3:16:27 AM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-044

Project: NEU 315H

Collection Date: 4/29/2019 2:49:00 PM

Lab ID: 1905003-095

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.4 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/7/2019 5:22:23 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/8/2019 3:45:10 AM | 44675 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 5/8/2019 3:45:10 AM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.3 | | mg/Kg-dr | 1 | 5/3/2019 5:40:38 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg-dr | 1 | 5/3/2019 5:40:38 PM | 44644 |
| Surr: DNOP | 96.0 | 70-130 | | %Rec | 1 | 5/3/2019 5:40:38 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/8/2019 3:45:10 AM | 44675 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/8/2019 3:45:10 AM | 44675 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/8/2019 3:45:10 AM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 3:45:10 AM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 89.6 | 70-130 | | %Rec | 1 | 5/8/2019 3:45:10 AM | 44675 |
| Surr: 4-Bromofluorobenzene | 95.5 | 70-130 | | %Rec | 1 | 5/8/2019 3:45:10 AM | 44675 |
| Surr: Dibromofluoromethane | 106 | 70-130 | | %Rec | 1 | 5/8/2019 3:45:10 AM | 44675 |
| Surr: Toluene-d8 | 90.8 | 70-130 | | %Rec | 1 | 5/8/2019 3:45:10 AM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-045

Project: NEU 315H

Collection Date: 4/29/2019 2:48:00 PM

Lab ID: 1905003-096

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/7/2019 5:34:48 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/8/2019 4:13:54 AM | 44675 |
| Surr: BFB | 107 | 70-130 | | %Rec | 1 | 5/8/2019 4:13:54 AM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/3/2019 6:05:13 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/3/2019 6:05:13 PM | 44644 |
| Surr: DNOP | 98.1 | 70-130 | | %Rec | 1 | 5/3/2019 6:05:13 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/8/2019 4:13:54 AM | 44675 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/8/2019 4:13:54 AM | 44675 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/8/2019 4:13:54 AM | 44675 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 4:13:54 AM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 92.8 | 70-130 | | %Rec | 1 | 5/8/2019 4:13:54 AM | 44675 |
| Surr: 4-Bromofluorobenzene | 95.7 | 70-130 | | %Rec | 1 | 5/8/2019 4:13:54 AM | 44675 |
| Surr: Dibromofluoromethane | 106 | 70-130 | | %Rec | 1 | 5/8/2019 4:13:54 AM | 44675 |
| Surr: Toluene-d8 | 90.3 | 70-130 | | %Rec | 1 | 5/8/2019 4:13:54 AM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-046

Project: NEU 315H

Collection Date: 4/29/2019 2:39:00 PM

Lab ID: 1905003-097

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/7/2019 5:47:12 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/8/2019 4:42:37 AM | 44675 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 5/8/2019 4:42:37 AM | 44675 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg-dr | 1 | 5/3/2019 6:29:53 PM | 44644 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/3/2019 6:29:53 PM | 44644 |
| Surr: DNOP | 95.0 | 70-130 | | %Rec | 1 | 5/3/2019 6:29:53 PM | 44644 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/8/2019 4:42:37 AM | 44675 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/8/2019 4:42:37 AM | 44675 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/8/2019 4:42:37 AM | 44675 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/8/2019 4:42:37 AM | 44675 |
| Surr: 1,2-Dichloroethane-d4 | 87.4 | 70-130 | | %Rec | 1 | 5/8/2019 4:42:37 AM | 44675 |
| Surr: 4-Bromofluorobenzene | 92.6 | 70-130 | | %Rec | 1 | 5/8/2019 4:42:37 AM | 44675 |
| Surr: Dibromofluoromethane | 106 | 70-130 | | %Rec | 1 | 5/8/2019 4:42:37 AM | 44675 |
| Surr: Toluene-d8 | 93.5 | 70-130 | | %Rec | 1 | 5/8/2019 4:42:37 AM | 44675 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-047

Project: NEU 315H

Collection Date: 4/29/2019 2:40:00 PM

Lab ID: 1905003-098

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/7/2019 5:59:37 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/8/2019 5:11:24 AM | 44677 |
| Surr: BFB | 107 | 70-130 | | %Rec | 1 | 5/8/2019 5:11:24 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/3/2019 8:32:32 PM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/3/2019 8:32:32 PM | 44645 |
| Surr: DNOP | 96.5 | 70-130 | | %Rec | 1 | 5/3/2019 8:32:32 PM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/8/2019 5:11:24 AM | 44677 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/8/2019 5:11:24 AM | 44677 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/8/2019 5:11:24 AM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 5:11:24 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 91.3 | 70-130 | | %Rec | 1 | 5/8/2019 5:11:24 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 90.3 | 70-130 | | %Rec | 1 | 5/8/2019 5:11:24 AM | 44677 |
| Surr: Dibromofluoromethane | 109 | 70-130 | | %Rec | 1 | 5/8/2019 5:11:24 AM | 44677 |
| Surr: Toluene-d8 | 91.1 | 70-130 | | %Rec | 1 | 5/8/2019 5:11:24 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-048

Project: NEU 315H

Collection Date: 4/29/2019 2:33:00 PM

Lab ID: 1905003-099

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 5.5 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 63 | | mg/Kg-dr | 20 | 5/7/2019 6:12:01 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.1 | | mg/Kg-dr | 1 | 5/8/2019 6:37:22 AM | 44677 |
| Surr: BFB | 110 | 70-130 | | %Rec | 1 | 5/8/2019 6:37:22 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg-dr | 1 | 5/3/2019 8:57:06 PM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg-dr | 1 | 5/3/2019 8:57:06 PM | 44645 |
| Surr: DNOP | 97.4 | 70-130 | | %Rec | 1 | 5/3/2019 8:57:06 PM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/8/2019 6:37:22 AM | 44677 |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 5/8/2019 6:37:22 AM | 44677 |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 5/8/2019 6:37:22 AM | 44677 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/8/2019 6:37:22 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 93.9 | 70-130 | | %Rec | 1 | 5/8/2019 6:37:22 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 92.8 | 70-130 | | %Rec | 1 | 5/8/2019 6:37:22 AM | 44677 |
| Surr: Dibromofluoromethane | 111 | 70-130 | | %Rec | 1 | 5/8/2019 6:37:22 AM | 44677 |
| Surr: Toluene-d8 | 90.2 | 70-130 | | %Rec | 1 | 5/8/2019 6:37:22 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-049

Project: NEU 315H

Collection Date: 4/29/2019 2:34:00 PM

Lab ID: 1905003-100

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.2 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/7/2019 6:24:26 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/8/2019 8:03:34 AM | 44677 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 5/8/2019 8:03:34 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.3 | | mg/Kg-dr | 1 | 5/3/2019 9:21:41 PM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg-dr | 1 | 5/3/2019 9:21:41 PM | 44645 |
| Surr: DNOP | 95.9 | 70-130 | | %Rec | 1 | 5/3/2019 9:21:41 PM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/8/2019 8:03:34 AM | 44677 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/8/2019 8:03:34 AM | 44677 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/8/2019 8:03:34 AM | 44677 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/8/2019 8:03:34 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 91.5 | 70-130 | | %Rec | 1 | 5/8/2019 8:03:34 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 94.5 | 70-130 | | %Rec | 1 | 5/8/2019 8:03:34 AM | 44677 |
| Surr: Dibromofluoromethane | 106 | 70-130 | | %Rec | 1 | 5/8/2019 8:03:34 AM | 44677 |
| Surr: Toluene-d8 | 90.5 | 70-130 | | %Rec | 1 | 5/8/2019 8:03:34 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-050

Project: NEU 315H

Collection Date: 4/29/2019 2:37:00 PM

Lab ID: 1905003-101

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/10/2019 11:20:47 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/8/2019 8:32:11 AM | 44677 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 5/8/2019 8:32:11 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/3/2019 10:10:39 PM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/3/2019 10:10:39 PM | 44645 |
| Surr: DNOP | 95.1 | 70-130 | | %Rec | 1 | 5/3/2019 10:10:39 PM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/8/2019 8:32:11 AM | 44677 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/8/2019 8:32:11 AM | 44677 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/8/2019 8:32:11 AM | 44677 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/8/2019 8:32:11 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 91.6 | 70-130 | | %Rec | 1 | 5/8/2019 8:32:11 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 95.6 | 70-130 | | %Rec | 1 | 5/8/2019 8:32:11 AM | 44677 |
| Surr: Dibromofluoromethane | 107 | 70-130 | | %Rec | 1 | 5/8/2019 8:32:11 AM | 44677 |
| Surr: Toluene-d8 | 91.3 | 70-130 | | %Rec | 1 | 5/8/2019 8:32:11 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-051

Project: NEU 315H

Collection Date: 4/29/2019 2:42:00 PM

Lab ID: 1905003-102

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 9.2 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/10/2019 11:33:12 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/9/2019 3:45:06 AM | 44677 |
| Surr: BFB | 107 | 70-130 | | %Rec | 1 | 5/9/2019 3:45:06 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg-dr | 1 | 5/3/2019 10:35:06 PM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 5/3/2019 10:35:06 PM | 44645 |
| Surr: DNOP | 106 | 70-130 | | %Rec | 1 | 5/3/2019 10:35:06 PM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 3:45:06 AM | 44677 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 3:45:06 AM | 44677 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 3:45:06 AM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 3:45:06 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 89.1 | 70-130 | | %Rec | 1 | 5/9/2019 3:45:06 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 93.8 | 70-130 | | %Rec | 1 | 5/9/2019 3:45:06 AM | 44677 |
| Surr: Dibromofluoromethane | 106 | 70-130 | | %Rec | 1 | 5/9/2019 3:45:06 AM | 44677 |
| Surr: Toluene-d8 | 88.4 | 70-130 | | %Rec | 1 | 5/9/2019 3:45:06 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-052

Project: NEU 315H

Collection Date: 4/29/2019 2:31:00 PM

Lab ID: 1905003-103

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 13 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 5/10/2019 11:45:36 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/9/2019 4:13:52 AM | 44677 |
| Surr: BFB | 110 | 70-130 | | %Rec | 1 | 5/9/2019 4:13:52 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.1 | | mg/Kg-dr | 1 | 5/3/2019 10:59:28 PM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 45 | | mg/Kg-dr | 1 | 5/3/2019 10:59:28 PM | 44645 |
| Surr: DNOP | 96.1 | 70-130 | | %Rec | 1 | 5/3/2019 10:59:28 PM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/9/2019 4:13:52 AM | 44677 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 4:13:52 AM | 44677 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 4:13:52 AM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 4:13:52 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 91.3 | 70-130 | | %Rec | 1 | 5/9/2019 4:13:52 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 93.3 | 70-130 | | %Rec | 1 | 5/9/2019 4:13:52 AM | 44677 |
| Surr: Dibromofluoromethane | 105 | 70-130 | | %Rec | 1 | 5/9/2019 4:13:52 AM | 44677 |
| Surr: Toluene-d8 | 91.7 | 70-130 | | %Rec | 1 | 5/9/2019 4:13:52 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-053

Project: NEU 315H

Collection Date: 4/29/2019 2:15:00 PM

Lab ID: 1905003-104

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 7.5 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 91 | 65 | | mg/Kg-dr | 20 | 5/10/2019 11:58:00 PM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/9/2019 4:42:36 AM | 44677 |
| Surr: BFB | 111 | 70-130 | | %Rec | 1 | 5/9/2019 4:42:36 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 13 | 10 | | mg/Kg-dr | 1 | 5/3/2019 11:23:48 PM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/3/2019 11:23:48 PM | 44645 |
| Surr: DNOP | 97.7 | 70-130 | | %Rec | 1 | 5/3/2019 11:23:48 PM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 4:42:36 AM | 44677 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 4:42:36 AM | 44677 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 4:42:36 AM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 4:42:36 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 89.4 | 70-130 | | %Rec | 1 | 5/9/2019 4:42:36 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 94.7 | 70-130 | | %Rec | 1 | 5/9/2019 4:42:36 AM | 44677 |
| Surr: Dibromofluoromethane | 106 | 70-130 | | %Rec | 1 | 5/9/2019 4:42:36 AM | 44677 |
| Surr: Toluene-d8 | 89.5 | 70-130 | | %Rec | 1 | 5/9/2019 4:42:36 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-054

Project: NEU 315H

Collection Date: 4/29/2019 2:18:00 PM

Lab ID: 1905003-105

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 6.0 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 75 | 64 | | mg/Kg-dr | 20 | 5/11/2019 12:10:25 AM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/9/2019 5:11:20 AM | 44677 |
| Surr: BFB | 107 | 70-130 | | %Rec | 1 | 5/9/2019 5:11:20 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.2 | | mg/Kg-dr | 1 | 5/3/2019 11:48:05 PM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg-dr | 1 | 5/3/2019 11:48:05 PM | 44645 |
| Surr: DNOP | 100 | 70-130 | | %Rec | 1 | 5/3/2019 11:48:05 PM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/9/2019 5:11:20 AM | 44677 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 5:11:20 AM | 44677 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 5:11:20 AM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 5:11:20 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 90.8 | 70-130 | | %Rec | 1 | 5/9/2019 5:11:20 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 93.6 | 70-130 | | %Rec | 1 | 5/9/2019 5:11:20 AM | 44677 |
| Surr: Dibromofluoromethane | 107 | 70-130 | | %Rec | 1 | 5/9/2019 5:11:20 AM | 44677 |
| Surr: Toluene-d8 | 89.1 | 70-130 | | %Rec | 1 | 5/9/2019 5:11:20 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-055

Project: NEU 315H

Collection Date: 4/29/2019 2:15:00 PM

Lab ID: 1905003-106

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 15 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/11/2019 12:22:50 AM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | 450 | 5.7 | | mg/Kg-dr | 1 | 5/9/2019 5:40:04 AM | 44677 |
| Surr: BFB | 120 | 70-130 | | %Rec | 1 | 5/9/2019 5:40:04 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 4500 | 95 | | mg/Kg-dr | 10 | 5/3/2019 1:24:32 PM | 44645 |
| Motor Oil Range Organics (MRO) | 1300 | 470 | | mg/Kg-dr | 10 | 5/3/2019 1:24:32 PM | 44645 |
| Surr: DNOP | 0 | 70-130 | S | %Rec | 10 | 5/3/2019 1:24:32 PM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/9/2019 5:40:04 AM | 44677 |
| Toluene | 1.0 | 0.057 | | mg/Kg-dr | 1 | 5/9/2019 5:40:04 AM | 44677 |
| Ethylbenzene | 1.6 | 0.057 | | mg/Kg-dr | 1 | 5/9/2019 5:40:04 AM | 44677 |
| Xylenes, Total | 12 | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 5:40:04 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 96.4 | 70-130 | | %Rec | 1 | 5/9/2019 5:40:04 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 101 | 70-130 | | %Rec | 1 | 5/9/2019 5:40:04 AM | 44677 |
| Surr: Dibromofluoromethane | 142 | 70-130 | S | %Rec | 1 | 5/9/2019 5:40:04 AM | 44677 |
| Surr: Toluene-d8 | 92.0 | 70-130 | | %Rec | 1 | 5/9/2019 5:40:04 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-056

Project: NEU 315H

Collection Date: 4/29/2019 2:03:00 PM

Lab ID: 1905003-107

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 73 | | mg/Kg-dr | 20 | 5/11/2019 12:35:15 AM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/9/2019 8:06:23 PM | 44677 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 5/9/2019 8:06:23 PM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 38 | 9.5 | | mg/Kg-dr | 1 | 5/4/2019 12:12:19 AM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg-dr | 1 | 5/4/2019 12:12:19 AM | 44645 |
| Surr: DNOP | 97.0 | 70-130 | | %Rec | 1 | 5/4/2019 12:12:19 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/9/2019 6:08:50 AM | 44677 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/9/2019 6:08:50 AM | 44677 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/9/2019 6:08:50 AM | 44677 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/9/2019 6:08:50 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 90.5 | 70-130 | | %Rec | 1 | 5/9/2019 6:08:50 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 87.9 | 70-130 | | %Rec | 1 | 5/9/2019 6:08:50 AM | 44677 |
| Surr: Dibromofluoromethane | 106 | 70-130 | | %Rec | 1 | 5/9/2019 6:08:50 AM | 44677 |
| Surr: Toluene-d8 | 89.1 | 70-130 | | %Rec | 1 | 5/9/2019 6:08:50 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-057

Project: NEU 315H

Collection Date: 4/29/2019 2:19:00 PM

Lab ID: 1905003-108

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 18 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 73 | | mg/Kg-dr | 20 | 5/11/2019 12:47:39 AM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | 13 | 6.0 | | mg/Kg-dr | 1 | 5/9/2019 6:37:32 AM | 44677 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 5/9/2019 6:37:32 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 19 | 9.1 | | mg/Kg-dr | 1 | 5/4/2019 12:36:31 AM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg-dr | 1 | 5/4/2019 12:36:31 AM | 44645 |
| Surr: DNOP | 97.6 | 70-130 | | %Rec | 1 | 5/4/2019 12:36:31 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/9/2019 6:37:32 AM | 44677 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/9/2019 6:37:32 AM | 44677 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/9/2019 6:37:32 AM | 44677 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/9/2019 6:37:32 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 92.3 | 70-130 | | %Rec | 1 | 5/9/2019 6:37:32 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 91.8 | 70-130 | | %Rec | 1 | 5/9/2019 6:37:32 AM | 44677 |
| Surr: Dibromofluoromethane | 110 | 70-130 | | %Rec | 1 | 5/9/2019 6:37:32 AM | 44677 |
| Surr: Toluene-d8 | 88.6 | 70-130 | | %Rec | 1 | 5/9/2019 6:37:32 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-058

Project: NEU 315H

Collection Date: 4/29/2019 2:04:00 PM

Lab ID: 1905003-109

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/11/2019 1:24:53 AM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/9/2019 7:06:11 AM | 44677 |
| Surr: BFB | 110 | 70-130 | | %Rec | 1 | 5/9/2019 7:06:11 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 15 | 9.6 | | mg/Kg-dr | 1 | 5/4/2019 1:00:39 AM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 5/4/2019 1:00:39 AM | 44645 |
| Surr: DNOP | 96.6 | 70-130 | | %Rec | 1 | 5/4/2019 1:00:39 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/9/2019 7:06:11 AM | 44677 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/9/2019 7:06:11 AM | 44677 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/9/2019 7:06:11 AM | 44677 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/9/2019 7:06:11 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 90.2 | 70-130 | | %Rec | 1 | 5/9/2019 7:06:11 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 90.4 | 70-130 | | %Rec | 1 | 5/9/2019 7:06:11 AM | 44677 |
| Surr: Dibromofluoromethane | 107 | 70-130 | | %Rec | 1 | 5/9/2019 7:06:11 AM | 44677 |
| Surr: Toluene-d8 | 89.6 | 70-130 | | %Rec | 1 | 5/9/2019 7:06:11 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-059

Project: NEU 315H

Collection Date: 4/29/2019 2:00:00 PM

Lab ID: 1905003-110

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/11/2019 1:37:17 AM | 44766 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/9/2019 7:34:52 AM | 44677 |
| Surr: BFB | 110 | 70-130 | | %Rec | 1 | 5/9/2019 7:34:52 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 17 | 10 | | mg/Kg-dr | 1 | 5/4/2019 1:24:46 AM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/4/2019 1:24:46 AM | 44645 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 5/4/2019 1:24:46 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/9/2019 7:34:52 AM | 44677 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 7:34:52 AM | 44677 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 7:34:52 AM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 7:34:52 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 90.3 | 70-130 | | %Rec | 1 | 5/9/2019 7:34:52 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 90.7 | 70-130 | | %Rec | 1 | 5/9/2019 7:34:52 AM | 44677 |
| Surr: Dibromofluoromethane | 108 | 70-130 | | %Rec | 1 | 5/9/2019 7:34:52 AM | 44677 |
| Surr: Toluene-d8 | 88.8 | 70-130 | | %Rec | 1 | 5/9/2019 7:34:52 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-060

Project: NEU 315H

Collection Date: 4/29/2019 1:51:00 PM

Lab ID: 1905003-111

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/8/2019 12:12:04 PM | 44679 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | 270 | 5.9 | | mg/Kg-dr | 1 | 5/9/2019 8:03:39 AM | 44677 |
| Surr: BFB | 118 | 70-130 | | %Rec | 1 | 5/9/2019 8:03:39 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 200 | 9.6 | | mg/Kg-dr | 1 | 5/4/2019 1:48:47 AM | 44645 |
| Motor Oil Range Organics (MRO) | 64 | 48 | | mg/Kg-dr | 1 | 5/4/2019 1:48:47 AM | 44645 |
| Surr: DNOP | 100 | 70-130 | | %Rec | 1 | 5/4/2019 1:48:47 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/9/2019 8:03:39 AM | 44677 |
| Toluene | 0.28 | 0.059 | | mg/Kg-dr | 1 | 5/9/2019 8:03:39 AM | 44677 |
| Ethylbenzene | 0.57 | 0.059 | | mg/Kg-dr | 1 | 5/9/2019 8:03:39 AM | 44677 |
| Xylenes, Total | 4.9 | 0.12 | | mg/Kg-dr | 1 | 5/9/2019 8:03:39 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 99.5 | 70-130 | | %Rec | 1 | 5/9/2019 8:03:39 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 77.8 | 70-130 | | %Rec | 1 | 5/9/2019 8:03:39 AM | 44677 |
| Surr: Dibromofluoromethane | 141 | 70-130 | S | %Rec | 1 | 5/9/2019 8:03:39 AM | 44677 |
| Surr: Toluene-d8 | 89.6 | 70-130 | | %Rec | 1 | 5/9/2019 8:03:39 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-061

Project: NEU 315H

Collection Date: 4/29/2019 1:45:00 PM

Lab ID: 1905003-112

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 7.2 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 64 | | mg/Kg-dr | 20 | 5/8/2019 12:49:17 PM | 44769 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/9/2019 8:32:24 AM | 44677 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 5/9/2019 8:32:24 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg-dr | 1 | 5/4/2019 2:12:47 AM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 5/4/2019 2:12:47 AM | 44645 |
| Surr: DNOP | 97.9 | 70-130 | | %Rec | 1 | 5/4/2019 2:12:47 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 8:32:24 AM | 44677 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 8:32:24 AM | 44677 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 8:32:24 AM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 8:32:24 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 86.6 | 70-130 | | %Rec | 1 | 5/9/2019 8:32:24 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 93.8 | 70-130 | | %Rec | 1 | 5/9/2019 8:32:24 AM | 44677 |
| Surr: Dibromofluoromethane | 106 | 70-130 | | %Rec | 1 | 5/9/2019 8:32:24 AM | 44677 |
| Surr: Toluene-d8 | 87.3 | 70-130 | | %Rec | 1 | 5/9/2019 8:32:24 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-062

Project: NEU 315H

Collection Date: 4/29/2019 1:44:00 PM

Lab ID: 1905003-113

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.9 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/8/2019 1:01:42 PM | 44769 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/9/2019 9:01:09 AM | 44677 |
| Surr: BFB | 113 | 70-130 | | %Rec | 1 | 5/9/2019 9:01:09 AM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.0 | | mg/Kg-dr | 1 | 5/4/2019 2:36:43 AM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 45 | | mg/Kg-dr | 1 | 5/4/2019 2:36:43 AM | 44645 |
| Surr: DNOP | 103 | 70-130 | | %Rec | 1 | 5/4/2019 2:36:43 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 9:01:09 AM | 44677 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 9:01:09 AM | 44677 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 9:01:09 AM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 9:01:09 AM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 88.9 | 70-130 | | %Rec | 1 | 5/9/2019 9:01:09 AM | 44677 |
| Surr: 4-Bromofluorobenzene | 99.4 | 70-130 | | %Rec | 1 | 5/9/2019 9:01:09 AM | 44677 |
| Surr: Dibromofluoromethane | 103 | 70-130 | | %Rec | 1 | 5/9/2019 9:01:09 AM | 44677 |
| Surr: Toluene-d8 | 88.5 | 70-130 | | %Rec | 1 | 5/9/2019 9:01:09 AM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-064

Project: NEU 315H

Collection Date: 4/29/2019 1:44:00 PM

Lab ID: 1905003-114

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.7 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/8/2019 1:14:06 PM | 44769 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/9/2019 8:35:04 PM | 44677 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 5/9/2019 8:35:04 PM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg-dr | 1 | 5/4/2019 3:00:41 AM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/4/2019 3:00:41 AM | 44645 |
| Surr: DNOP | 103 | 70-130 | | %Rec | 1 | 5/4/2019 3:00:41 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 8:35:04 PM | 44677 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 8:35:04 PM | 44677 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 8:35:04 PM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 8:35:04 PM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 89.1 | 70-130 | | %Rec | 1 | 5/9/2019 8:35:04 PM | 44677 |
| Surr: 4-Bromofluorobenzene | 92.8 | 70-130 | | %Rec | 1 | 5/9/2019 8:35:04 PM | 44677 |
| Surr: Dibromofluoromethane | 107 | 70-130 | | %Rec | 1 | 5/9/2019 8:35:04 PM | 44677 |
| Surr: Toluene-d8 | 89.9 | 70-130 | | %Rec | 1 | 5/9/2019 8:35:04 PM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-065

Project: NEU 315H

Collection Date: 4/29/2019 1:30:00 PM

Lab ID: 1905003-115

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/8/2019 2:16:08 PM | 44769 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.7 | | mg/Kg-dr | 1 | 5/9/2019 9:03:41 PM | 44677 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 5/9/2019 9:03:41 PM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg-dr | 1 | 5/4/2019 3:24:35 AM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 5/4/2019 3:24:35 AM | 44645 |
| Surr: DNOP | 105 | 70-130 | | %Rec | 1 | 5/4/2019 3:24:35 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/9/2019 9:03:41 PM | 44677 |
| Toluene | ND | 0.057 | | mg/Kg-dr | 1 | 5/9/2019 9:03:41 PM | 44677 |
| Ethylbenzene | ND | 0.057 | | mg/Kg-dr | 1 | 5/9/2019 9:03:41 PM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 9:03:41 PM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 88.0 | 70-130 | | %Rec | 1 | 5/9/2019 9:03:41 PM | 44677 |
| Surr: 4-Bromofluorobenzene | 92.9 | 70-130 | | %Rec | 1 | 5/9/2019 9:03:41 PM | 44677 |
| Surr: Dibromofluoromethane | 103 | 70-130 | | %Rec | 1 | 5/9/2019 9:03:41 PM | 44677 |
| Surr: Toluene-d8 | 90.9 | 70-130 | | %Rec | 1 | 5/9/2019 9:03:41 PM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-066

Project: NEU 315H

Collection Date: 4/29/2019 1:30:00 PM

Lab ID: 1905003-116

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/8/2019 2:28:32 PM | 44769 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | 7.8 | 5.6 | | mg/Kg-dr | 1 | 5/9/2019 9:32:16 PM | 44677 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 5/9/2019 9:32:16 PM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 55 | 9.9 | | mg/Kg-dr | 1 | 5/4/2019 3:48:29 AM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/4/2019 3:48:29 AM | 44645 |
| Surr: DNOP | 100 | 70-130 | | %Rec | 1 | 5/4/2019 3:48:29 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/9/2019 9:32:16 PM | 44677 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 9:32:16 PM | 44677 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 9:32:16 PM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 9:32:16 PM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 92.0 | 70-130 | | %Rec | 1 | 5/9/2019 9:32:16 PM | 44677 |
| Surr: 4-Bromofluorobenzene | 90.0 | 70-130 | | %Rec | 1 | 5/9/2019 9:32:16 PM | 44677 |
| Surr: Dibromofluoromethane | 109 | 70-130 | | %Rec | 1 | 5/9/2019 9:32:16 PM | 44677 |
| Surr: Toluene-d8 | 87.7 | 70-130 | | %Rec | 1 | 5/9/2019 9:32:16 PM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-067

Project: NEU 315H

Collection Date: 4/29/2019 1:22:00 PM

Lab ID: 1905003-117

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 13 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/8/2019 2:40:57 PM | 44769 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.7 | | mg/Kg-dr | 1 | 5/9/2019 10:00:58 PM | 44677 |
| Surr: BFB | 110 | 70-130 | | %Rec | 1 | 5/9/2019 10:00:58 PM | 44677 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.4 | | mg/Kg-dr | 1 | 5/4/2019 4:12:19 AM | 44645 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg-dr | 1 | 5/4/2019 4:12:19 AM | 44645 |
| Surr: DNOP | 109 | 70-130 | | %Rec | 1 | 5/4/2019 4:12:19 AM | 44645 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/9/2019 10:00:58 PM | 44677 |
| Toluene | ND | 0.057 | | mg/Kg-dr | 1 | 5/9/2019 10:00:58 PM | 44677 |
| Ethylbenzene | ND | 0.057 | | mg/Kg-dr | 1 | 5/9/2019 10:00:58 PM | 44677 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 10:00:58 PM | 44677 |
| Surr: 1,2-Dichloroethane-d4 | 90.1 | 70-130 | | %Rec | 1 | 5/9/2019 10:00:58 PM | 44677 |
| Surr: 4-Bromofluorobenzene | 95.4 | 70-130 | | %Rec | 1 | 5/9/2019 10:00:58 PM | 44677 |
| Surr: Dibromofluoromethane | 103 | 70-130 | | %Rec | 1 | 5/9/2019 10:00:58 PM | 44677 |
| Surr: Toluene-d8 | 88.6 | 70-130 | | %Rec | 1 | 5/9/2019 10:00:58 PM | 44677 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-068

Project: NEU 315H

Collection Date: 4/29/2019 1:22:00 PM

Lab ID: 1905003-118

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.4 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/8/2019 2:53:21 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/6/2019 9:34:03 AM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/6/2019 9:34:03 AM | 44646 |
| Surr: DNOP | 99.6 | 70-130 | | %Rec | 1 | 5/6/2019 9:34:03 AM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/8/2019 9:02:12 PM | 44697 |
| Surr: BFB | 90.7 | 73.8-119 | | %Rec | 1 | 5/8/2019 9:02:12 PM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/8/2019 9:02:12 PM | 44697 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/8/2019 9:02:12 PM | 44697 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/8/2019 9:02:12 PM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 9:02:12 PM | 44697 |
| Surr: 4-Bromofluorobenzene | 84.6 | 80-120 | | %Rec | 1 | 5/8/2019 9:02:12 PM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-069

Project: NEU 315H

Collection Date: 4/29/2019 1:07:00 PM

Lab ID: 1905003-119

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 18 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/8/2019 3:05:45 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/6/2019 1:43:34 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 59 | | mg/Kg-dr | 1 | 5/6/2019 1:43:34 PM | 44646 |
| Surr: DNOP | 85.1 | 70-130 | | %Rec | 1 | 5/6/2019 1:43:34 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/8/2019 10:10:42 PM | 44697 |
| Surr: BFB | 92.8 | 73.8-119 | | %Rec | 1 | 5/8/2019 10:10:42 PM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/8/2019 10:10:42 PM | 44697 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/8/2019 10:10:42 PM | 44697 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/8/2019 10:10:42 PM | 44697 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/8/2019 10:10:42 PM | 44697 |
| Surr: 4-Bromofluorobenzene | 88.7 | 80-120 | | %Rec | 1 | 5/8/2019 10:10:42 PM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-070

Project: NEU 315H

Collection Date: 4/29/2019 1:05:00 PM

Lab ID: 1905003-120

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/8/2019 3:18:09 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 2:05:46 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/6/2019 2:05:46 PM | 44646 |
| Surr: DNOP | 86.7 | 70-130 | | %Rec | 1 | 5/6/2019 2:05:46 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/8/2019 11:19:07 PM | 44697 |
| Surr: BFB | 93.3 | 73.8-119 | | %Rec | 1 | 5/8/2019 11:19:07 PM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/8/2019 11:19:07 PM | 44697 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/8/2019 11:19:07 PM | 44697 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/8/2019 11:19:07 PM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 11:19:07 PM | 44697 |
| Surr: 4-Bromofluorobenzene | 88.9 | 80-120 | | %Rec | 1 | 5/8/2019 11:19:07 PM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-071

Project: NEU 315H

Collection Date: 4/29/2019 12:59:00 PM

Lab ID: 1905003-121

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/8/2019 3:30:33 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 13 | 12 | | mg/Kg-dr | 1 | 5/6/2019 2:27:44 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 5/6/2019 2:27:44 PM | 44646 |
| Surr: DNOP | 88.9 | 70-130 | | %Rec | 1 | 5/6/2019 2:27:44 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/8/2019 11:41:51 PM | 44697 |
| Surr: BFB | 91.8 | 73.8-119 | | %Rec | 1 | 5/8/2019 11:41:51 PM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/8/2019 11:41:51 PM | 44697 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/8/2019 11:41:51 PM | 44697 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/8/2019 11:41:51 PM | 44697 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/8/2019 11:41:51 PM | 44697 |
| Surr: 4-Bromofluorobenzene | 86.1 | 80-120 | | %Rec | 1 | 5/8/2019 11:41:51 PM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-072

Project: NEU 315H

Collection Date: 4/29/2019 2:46:00 PM

Lab ID: 1905003-122

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 70 | | mg/Kg-dr | 20 | 5/8/2019 3:42:58 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 18 | 11 | | mg/Kg-dr | 1 | 5/6/2019 3:12:11 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/6/2019 3:12:11 PM | 44646 |
| Surr: DNOP | 91.3 | 70-130 | | %Rec | 1 | 5/6/2019 3:12:11 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 21 | 5.8 | | mg/Kg-dr | 1 | 5/9/2019 12:04:26 AM | 44697 |
| Surr: BFB | 233 | 73.8-119 | S | %Rec | 1 | 5/9/2019 12:04:26 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/9/2019 12:04:26 AM | 44697 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/9/2019 12:04:26 AM | 44697 |
| Ethylbenzene | 0.062 | 0.058 | | mg/Kg-dr | 1 | 5/9/2019 12:04:26 AM | 44697 |
| Xylenes, Total | 0.48 | 0.12 | | mg/Kg-dr | 1 | 5/9/2019 12:04:26 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 104 | 80-120 | | %Rec | 1 | 5/9/2019 12:04:26 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-073

Project: NEU 315H

Collection Date: 4/29/2019 12:40:00 PM

Lab ID: 1905003-123

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 15 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/8/2019 3:55:22 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 20 | 12 | | mg/Kg-dr | 1 | 5/6/2019 3:34:12 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 59 | | mg/Kg-dr | 1 | 5/6/2019 3:34:12 PM | 44646 |
| Surr: DNOP | 93.3 | 70-130 | | %Rec | 1 | 5/6/2019 3:34:12 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/9/2019 12:27:05 AM | 44697 |
| Surr: BFB | 98.8 | 73.8-119 | | %Rec | 1 | 5/9/2019 12:27:05 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/9/2019 12:27:05 AM | 44697 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/9/2019 12:27:05 AM | 44697 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/9/2019 12:27:05 AM | 44697 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/9/2019 12:27:05 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 94.6 | 80-120 | | %Rec | 1 | 5/9/2019 12:27:05 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-074

Project: NEU 315H

Collection Date: 4/29/2019 12:47:00 PM

Lab ID: 1905003-124

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.0 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/8/2019 4:07:47 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 29 | 11 | | mg/Kg-dr | 1 | 5/6/2019 3:56:27 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 54 | | mg/Kg-dr | 1 | 5/6/2019 3:56:27 PM | 44646 |
| Surr: DNOP | 95.2 | 70-130 | | %Rec | 1 | 5/6/2019 3:56:27 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/9/2019 12:49:57 AM | 44697 |
| Surr: BFB | 93.6 | 73.8-119 | | %Rec | 1 | 5/9/2019 12:49:57 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 12:49:57 AM | 44697 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 12:49:57 AM | 44697 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 12:49:57 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 12:49:57 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 90.7 | 80-120 | | %Rec | 1 | 5/9/2019 12:49:57 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-075

Project: NEU 315H

Collection Date: 4/29/2019 12:26:00 PM

Lab ID: 1905003-125

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.8 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/8/2019 4:45:01 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 37 | 11 | | mg/Kg-dr | 1 | 5/6/2019 4:18:40 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/6/2019 4:18:40 PM | 44646 |
| Surr: DNOP | 103 | 70-130 | | %Rec | 1 | 5/6/2019 4:18:40 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/9/2019 1:12:48 AM | 44697 |
| Surr: BFB | 92.4 | 73.8-119 | | %Rec | 1 | 5/9/2019 1:12:48 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 1:12:48 AM | 44697 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 1:12:48 AM | 44697 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 1:12:48 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 1:12:48 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 88.8 | 80-120 | | %Rec | 1 | 5/9/2019 1:12:48 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-076

Project: NEU 315H

Collection Date: 4/29/2019 12:23:00 PM

Lab ID: 1905003-126

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/8/2019 4:57:26 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 27 | 11 | | mg/Kg-dr | 1 | 5/6/2019 4:40:40 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 54 | | mg/Kg-dr | 1 | 5/6/2019 4:40:40 PM | 44646 |
| Surr: DNOP | 99.2 | 70-130 | | %Rec | 1 | 5/6/2019 4:40:40 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/9/2019 1:35:34 AM | 44697 |
| Surr: BFB | 93.2 | 73.8-119 | | %Rec | 1 | 5/9/2019 1:35:34 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/9/2019 1:35:34 AM | 44697 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 1:35:34 AM | 44697 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 1:35:34 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 1:35:34 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 89.1 | 80-120 | | %Rec | 1 | 5/9/2019 1:35:34 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-077

Project: NEU 315H

Collection Date: 4/29/2019 12:17:00 PM

Lab ID: 1905003-127

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 15 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/8/2019 5:09:51 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 19 | 12 | | mg/Kg-dr | 1 | 5/6/2019 5:02:52 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 5/6/2019 5:02:52 PM | 44646 |
| Surr: DNOP | 98.1 | 70-130 | | %Rec | 1 | 5/6/2019 5:02:52 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/9/2019 1:58:11 AM | 44697 |
| Surr: BFB | 93.7 | 73.8-119 | | %Rec | 1 | 5/9/2019 1:58:11 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/9/2019 1:58:11 AM | 44697 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 1:58:11 AM | 44697 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 1:58:11 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 1:58:11 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 89.0 | 80-120 | | %Rec | 1 | 5/9/2019 1:58:11 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-078

Project: NEU 315H

Collection Date: 4/29/2019 12:00:00 PM

Lab ID: 1905003-128

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 7.9 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/8/2019 5:22:15 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 77 | 11 | | mg/Kg-dr | 1 | 5/6/2019 5:25:08 PM | 44646 |
| Motor Oil Range Organics (MRO) | 59 | 54 | | mg/Kg-dr | 1 | 5/6/2019 5:25:08 PM | 44646 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 5/6/2019 5:25:08 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/9/2019 3:51:57 AM | 44697 |
| Surr: BFB | 96.8 | 73.8-119 | | %Rec | 1 | 5/9/2019 3:51:57 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 3:51:57 AM | 44697 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 3:51:57 AM | 44697 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 3:51:57 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 3:51:57 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 91.5 | 80-120 | | %Rec | 1 | 5/9/2019 3:51:57 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-079

Project: NEU 315H

Collection Date: 4/29/2019 11:52:00 AM

Lab ID: 1905003-129

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|---------------|-----------|-------------|--------------|-----------|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/8/2019 5:34:39 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/6/2019 5:47:46 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 51 | | mg/Kg-dr | 1 | 5/6/2019 5:47:46 PM | 44646 |
| Surr: DNOP | 96.3 | 70-130 | | %Rec | 1 | 5/6/2019 5:47:46 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/9/2019 4:14:48 AM | 44697 |
| Surr: BFB | 92.7 | 73.8-119 | | %Rec | 1 | 5/9/2019 4:14:48 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 4:14:48 AM | 44697 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 4:14:48 AM | 44697 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 4:14:48 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 4:14:48 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 88.2 | 80-120 | | %Rec | 1 | 5/9/2019 4:14:48 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-080

Project: NEU 315H

Collection Date: 4/29/2019 11:51:00 AM

Lab ID: 1905003-130

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/8/2019 5:47:04 PM | 44769 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 6:10:13 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/6/2019 6:10:13 PM | 44646 |
| Surr: DNOP | 102 | 70-130 | | %Rec | 1 | 5/6/2019 6:10:13 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/9/2019 4:37:36 AM | 44697 |
| Surr: BFB | 89.8 | 73.8-119 | | %Rec | 1 | 5/9/2019 4:37:36 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/9/2019 4:37:36 AM | 44697 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 4:37:36 AM | 44697 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 4:37:36 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 4:37:36 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 84.9 | 80-120 | | %Rec | 1 | 5/9/2019 4:37:36 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-081

Project: NEU 315H

Collection Date: 4/29/2019 11:38:00 AM

Lab ID: 1905003-131

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/8/2019 1:36:10 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 120 | 11 | | mg/Kg-dr | 1 | 5/6/2019 6:32:43 PM | 44646 |
| Motor Oil Range Organics (MRO) | 64 | 54 | | mg/Kg-dr | 1 | 5/6/2019 6:32:43 PM | 44646 |
| Surr: DNOP | 102 | 70-130 | | %Rec | 1 | 5/6/2019 6:32:43 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/9/2019 5:00:11 AM | 44697 |
| Surr: BFB | 107 | 73.8-119 | | %Rec | 1 | 5/9/2019 5:00:11 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 5:00:11 AM | 44697 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 5:00:11 AM | 44697 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 5:00:11 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 5:00:11 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 97.0 | 80-120 | | %Rec | 1 | 5/9/2019 5:00:11 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-083

Project: NEU 315H

Collection Date: 4/29/2019 11:27:00 AM

Lab ID: 1905003-132

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 6.0 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 64 | | mg/Kg-dr | 20 | 5/8/2019 2:13:22 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 6:54:58 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/6/2019 6:54:58 PM | 44646 |
| Surr: DNOP | 102 | 70-130 | | %Rec | 1 | 5/6/2019 6:54:58 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/9/2019 5:22:51 AM | 44697 |
| Surr: BFB | 96.0 | 73.8-119 | | %Rec | 1 | 5/9/2019 5:22:51 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/9/2019 5:22:51 AM | 44697 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/9/2019 5:22:51 AM | 44697 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/9/2019 5:22:51 AM | 44697 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/9/2019 5:22:51 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 91.2 | 80-120 | | %Rec | 1 | 5/9/2019 5:22:51 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-084

Project: NEU 315H

Collection Date: 4/29/2019 11:20:00 AM

Lab ID: 1905003-133

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 7.4 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/8/2019 2:25:48 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/6/2019 7:17:28 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/6/2019 7:17:28 PM | 44646 |
| Surr: DNOP | 99.2 | 70-130 | | %Rec | 1 | 5/6/2019 7:17:28 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.1 | | mg/Kg-dr | 1 | 5/9/2019 5:45:43 AM | 44697 |
| Surr: BFB | 95.7 | 73.8-119 | | %Rec | 1 | 5/9/2019 5:45:43 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/9/2019 5:45:43 AM | 44697 |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 5/9/2019 5:45:43 AM | 44697 |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 5/9/2019 5:45:43 AM | 44697 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/9/2019 5:45:43 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 90.7 | 80-120 | | %Rec | 1 | 5/9/2019 5:45:43 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-085

Project: NEU 315H

Collection Date: 4/29/2019 10:58:00 AM

Lab ID: 1905003-134

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|---------------|-----------|-------------|--------------|-----------|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/8/2019 2:38:13 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 12 | 11 | | mg/Kg-dr | 1 | 5/6/2019 7:39:54 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/6/2019 7:39:54 PM | 44646 |
| Surr: DNOP | 99.7 | 70-130 | | %Rec | 1 | 5/6/2019 7:39:54 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/9/2019 6:08:31 AM | 44697 |
| Surr: BFB | 92.8 | 73.8-119 | | %Rec | 1 | 5/9/2019 6:08:31 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 6:08:31 AM | 44697 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 6:08:31 AM | 44697 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 6:08:31 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 6:08:31 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 89.0 | 80-120 | | %Rec | 1 | 5/9/2019 6:08:31 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-086

Project: NEU 315H

Collection Date: 4/29/2019 11:00:00 AM

Lab ID: 1905003-135

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/8/2019 2:50:38 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 8:02:21 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/6/2019 8:02:21 PM | 44646 |
| Surr: DNOP | 99.1 | 70-130 | | %Rec | 1 | 5/6/2019 8:02:21 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/9/2019 6:31:15 AM | 44697 |
| Surr: BFB | 93.2 | 73.8-119 | | %Rec | 1 | 5/9/2019 6:31:15 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 6:31:15 AM | 44697 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 6:31:15 AM | 44697 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 6:31:15 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 6:31:15 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 87.7 | 80-120 | | %Rec | 1 | 5/9/2019 6:31:15 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-087

Project: NEU 315H

Collection Date: 4/29/2019 10:46:00 AM

Lab ID: 1905003-136

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 9.3 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/8/2019 3:03:02 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 8:24:41 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/6/2019 8:24:41 PM | 44646 |
| Surr: DNOP | 102 | 70-130 | | %Rec | 1 | 5/6/2019 8:24:41 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/9/2019 6:53:50 AM | 44697 |
| Surr: BFB | 97.4 | 73.8-119 | | %Rec | 1 | 5/9/2019 6:53:50 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 6:53:50 AM | 44697 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 6:53:50 AM | 44697 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 6:53:50 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 6:53:50 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 93.0 | 80-120 | | %Rec | 1 | 5/9/2019 6:53:50 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-088

Project: NEU 315H

Collection Date: 4/29/2019 10:32:00 AM

Lab ID: 1905003-137

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 9.8 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/8/2019 3:40:16 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/6/2019 8:47:02 PM | 44646 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/6/2019 8:47:02 PM | 44646 |
| Surr: DNOP | 105 | 70-130 | | %Rec | 1 | 5/6/2019 8:47:02 PM | 44646 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/9/2019 7:16:21 AM | 44697 |
| Surr: BFB | 97.4 | 73.8-119 | | %Rec | 1 | 5/9/2019 7:16:21 AM | 44697 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 7:16:21 AM | 44697 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 7:16:21 AM | 44697 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 7:16:21 AM | 44697 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 7:16:21 AM | 44697 |
| Surr: 4-Bromofluorobenzene | 92.6 | 80-120 | | %Rec | 1 | 5/9/2019 7:16:21 AM | 44697 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-089

Project: NEU 315H

Collection Date: 4/29/2019 10:34:00 AM

Lab ID: 1905003-138

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 7.5 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/8/2019 3:52:41 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 12:54:01 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 54 | | mg/Kg-dr | 1 | 5/6/2019 12:54:01 PM | 44647 |
| Surr: DNOP | 104 | 70-130 | | %Rec | 1 | 5/6/2019 12:54:01 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/9/2019 6:06:45 PM | 44698 |
| Surr: BFB | 89.6 | 73.8-119 | | %Rec | 1 | 5/9/2019 6:06:45 PM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 6:06:45 PM | 44698 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 6:06:45 PM | 44698 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 6:06:45 PM | 44698 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 6:06:45 PM | 44698 |
| Surr: 4-Bromofluorobenzene | 90.9 | 80-120 | | %Rec | 1 | 5/9/2019 6:06:45 PM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-090

Project: NEU 315H

Collection Date: 4/29/2019 10:22:00 AM

Lab ID: 1905003-139

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/8/2019 4:05:06 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 24 | 10 | | mg/Kg-dr | 1 | 5/6/2019 2:11:06 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/6/2019 2:11:06 PM | 44647 |
| Surr: DNOP | 107 | 70-130 | | %Rec | 1 | 5/6/2019 2:11:06 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/9/2019 7:14:32 PM | 44698 |
| Surr: BFB | 90.1 | 73.8-119 | | %Rec | 1 | 5/9/2019 7:14:32 PM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/9/2019 7:14:32 PM | 44698 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 7:14:32 PM | 44698 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/9/2019 7:14:32 PM | 44698 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 7:14:32 PM | 44698 |
| Surr: 4-Bromofluorobenzene | 93.3 | 80-120 | | %Rec | 1 | 5/9/2019 7:14:32 PM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-091

Project: NEU 315H

Collection Date: 4/29/2019 10:07:00 AM

Lab ID: 1905003-140

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 4.6 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 63 | | mg/Kg-dr | 20 | 5/8/2019 4:17:31 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/6/2019 3:02:48 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 51 | | mg/Kg-dr | 1 | 5/6/2019 3:02:48 PM | 44647 |
| Surr: DNOP | 112 | 70-130 | | %Rec | 1 | 5/6/2019 3:02:48 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/9/2019 8:22:26 PM | 44698 |
| Surr: BFB | 89.0 | 73.8-119 | | %Rec | 1 | 5/9/2019 8:22:26 PM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/9/2019 8:22:26 PM | 44698 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/9/2019 8:22:26 PM | 44698 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/9/2019 8:22:26 PM | 44698 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/9/2019 8:22:26 PM | 44698 |
| Surr: 4-Bromofluorobenzene | 89.7 | 80-120 | | %Rec | 1 | 5/9/2019 8:22:26 PM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-092

Project: NEU 315H

Collection Date: 4/29/2019 10:08:00 AM

Lab ID: 1905003-141

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 8.8 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 150 | 66 | | mg/Kg-dr | 20 | 5/8/2019 4:29:55 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 3:27:11 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/6/2019 3:27:11 PM | 44647 |
| Surr: DNOP | 110 | 70-130 | | %Rec | 1 | 5/6/2019 3:27:11 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/9/2019 8:45:03 PM | 44698 |
| Surr: BFB | 87.7 | 73.8-119 | | %Rec | 1 | 5/9/2019 8:45:03 PM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 8:45:03 PM | 44698 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 8:45:03 PM | 44698 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 8:45:03 PM | 44698 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 8:45:03 PM | 44698 |
| Surr: 4-Bromofluorobenzene | 88.1 | 80-120 | | %Rec | 1 | 5/9/2019 8:45:03 PM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-093

Project: NEU 315H

Collection Date: 4/29/2019 9:55:00 AM

Lab ID: 1905003-142

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 4.0 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 180 | 62 | | mg/Kg-dr | 20 | 5/8/2019 5:07:09 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 19 | 10 | | mg/Kg-dr | 1 | 5/6/2019 3:51:31 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 51 | | mg/Kg-dr | 1 | 5/6/2019 3:51:31 PM | 44647 |
| Surr: DNOP | 128 | 70-130 | | %Rec | 1 | 5/6/2019 3:51:31 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/9/2019 9:07:40 PM | 44698 |
| Surr: BFB | 88.0 | 73.8-119 | | %Rec | 1 | 5/9/2019 9:07:40 PM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/9/2019 9:07:40 PM | 44698 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/9/2019 9:07:40 PM | 44698 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/9/2019 9:07:40 PM | 44698 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/9/2019 9:07:40 PM | 44698 |
| Surr: 4-Bromofluorobenzene | 90.5 | 80-120 | | %Rec | 1 | 5/9/2019 9:07:40 PM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-094

Project: NEU 315H

Collection Date: 4/29/2019 9:41:00 AM

Lab ID: 1905003-143

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 6.5 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 82 | 64 | | mg/Kg-dr | 20 | 5/8/2019 5:19:34 PM | 44781 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 24 | 10 | | mg/Kg-dr | 1 | 5/6/2019 4:16:01 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/6/2019 4:16:01 PM | 44647 |
| Surr: DNOP | 111 | 70-130 | | %Rec | 1 | 5/6/2019 4:16:01 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/9/2019 9:30:19 PM | 44698 |
| Surr: BFB | 88.1 | 73.8-119 | | %Rec | 1 | 5/9/2019 9:30:19 PM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/9/2019 9:30:19 PM | 44698 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/9/2019 9:30:19 PM | 44698 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/9/2019 9:30:19 PM | 44698 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/9/2019 9:30:19 PM | 44698 |
| Surr: 4-Bromofluorobenzene | 88.9 | 80-120 | | %Rec | 1 | 5/9/2019 9:30:19 PM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-095

Project: NEU 315H

Collection Date: 4/29/2019 9:48:00 AM

Lab ID: 1905003-144

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 14 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 110 | 70 | | mg/Kg-dr | 20 | 5/8/2019 7:13:57 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 4:40:20 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/6/2019 4:40:20 PM | 44647 |
| Surr: DNOP | 109 | 70-130 | | %Rec | 1 | 5/6/2019 4:40:20 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/9/2019 9:52:58 PM | 44698 |
| Surr: BFB | 89.7 | 73.8-119 | | %Rec | 1 | 5/9/2019 9:52:58 PM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 9:52:58 PM | 44698 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 9:52:58 PM | 44698 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/9/2019 9:52:58 PM | 44698 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 9:52:58 PM | 44698 |
| Surr: 4-Bromofluorobenzene | 91.3 | 80-120 | | %Rec | 1 | 5/9/2019 9:52:58 PM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-096

Project: NEU 315H

Collection Date: 4/29/2019 9:26:00 AM

Lab ID: 1905003-145

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 130 | 68 | | mg/Kg-dr | 20 | 5/8/2019 7:26:22 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 5:04:43 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/6/2019 5:04:43 PM | 44647 |
| Surr: DNOP | 111 | 70-130 | | %Rec | 1 | 5/6/2019 5:04:43 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/9/2019 10:15:46 PM | 44698 |
| Surr: BFB | 87.4 | 73.8-119 | | %Rec | 1 | 5/9/2019 10:15:46 PM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 10:15:46 PM | 44698 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 10:15:46 PM | 44698 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 10:15:46 PM | 44698 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 10:15:46 PM | 44698 |
| Surr: 4-Bromofluorobenzene | 88.9 | 80-120 | | %Rec | 1 | 5/9/2019 10:15:46 PM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-097

Project: NEU 315H

Collection Date: 4/29/2019 9:15:00 AM

Lab ID: 1905003-146

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 9.7 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/8/2019 7:38:47 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 5:29:11 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 54 | | mg/Kg-dr | 1 | 5/6/2019 5:29:11 PM | 44647 |
| Surr: DNOP | 110 | 70-130 | | %Rec | 1 | 5/6/2019 5:29:11 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/9/2019 10:38:31 PM | 44698 |
| Surr: BFB | 86.5 | 73.8-119 | | %Rec | 1 | 5/9/2019 10:38:31 PM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/9/2019 10:38:31 PM | 44698 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 10:38:31 PM | 44698 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/9/2019 10:38:31 PM | 44698 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 10:38:31 PM | 44698 |
| Surr: 4-Bromofluorobenzene | 88.0 | 80-120 | | %Rec | 1 | 5/9/2019 10:38:31 PM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-098

Project: NEU 315H

Collection Date: 4/29/2019 9:24:00 AM

Lab ID: 1905003-147

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|--------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 7.4 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 64 | | mg/Kg-dr | 20 | 5/8/2019 7:51:11 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 5:53:45 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/6/2019 5:53:45 PM | 44647 |
| Surr: DNOP | 108 | 70-130 | | %Rec | 1 | 5/6/2019 5:53:45 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.1 | | mg/Kg-dr | 1 | 5/9/2019 11:01:18 PM | 44698 |
| Surr: BFB | 89.9 | 73.8-119 | | %Rec | 1 | 5/9/2019 11:01:18 PM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/9/2019 11:01:18 PM | 44698 |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 5/9/2019 11:01:18 PM | 44698 |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 5/9/2019 11:01:18 PM | 44698 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/9/2019 11:01:18 PM | 44698 |
| Surr: 4-Bromofluorobenzene | 91.0 | 80-120 | | %Rec | 1 | 5/9/2019 11:01:18 PM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-099

Project: NEU 315H

Collection Date: 4/29/2019 9:05:00 AM

Lab ID: 1905003-148

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 6.4 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 64 | | mg/Kg-dr | 20 | 5/8/2019 8:03:35 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 6:18:13 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/6/2019 6:18:13 PM | 44647 |
| Surr: DNOP | 119 | 70-130 | | %Rec | 1 | 5/6/2019 6:18:13 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.1 | | mg/Kg-dr | 1 | 5/10/2019 12:09:47 AM | 44698 |
| Surr: BFB | 87.2 | 73.8-119 | | %Rec | 1 | 5/10/2019 12:09:47 AM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/10/2019 12:09:47 AM | 44698 |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 5/10/2019 12:09:47 AM | 44698 |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 5/10/2019 12:09:47 AM | 44698 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/10/2019 12:09:47 AM | 44698 |
| Surr: 4-Bromofluorobenzene | 88.3 | 80-120 | | %Rec | 1 | 5/10/2019 12:09:47 AM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-100

Project: NEU 315H

Collection Date: 4/29/2019 9:00:00 AM

Lab ID: 1905003-149

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 10 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 120 | 67 | | mg/Kg-dr | 20 | 5/8/2019 8:16:00 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 14 | 11 | | mg/Kg-dr | 1 | 5/6/2019 6:42:47 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/6/2019 6:42:47 PM | 44647 |
| Surr: DNOP | 109 | 70-130 | | %Rec | 1 | 5/6/2019 6:42:47 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/10/2019 12:32:34 AM | 44698 |
| Surr: BFB | 86.6 | 73.8-119 | | %Rec | 1 | 5/10/2019 12:32:34 AM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/10/2019 12:32:34 AM | 44698 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/10/2019 12:32:34 AM | 44698 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/10/2019 12:32:34 AM | 44698 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/10/2019 12:32:34 AM | 44698 |
| Surr: 4-Bromofluorobenzene | 87.4 | 80-120 | | %Rec | 1 | 5/10/2019 12:32:34 AM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-101

Project: NEU 315H

Collection Date: 4/29/2019 8:55:00 AM

Lab ID: 1905003-150

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: DJF |
| Percent Moisture | 7.0 | 1.0 | | wt% | 1 | 5/2/2019 | R59615 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 5/8/2019 8:28:24 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 13 | 9.8 | | mg/Kg-dr | 1 | 5/6/2019 7:07:20 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 5/6/2019 7:07:20 PM | 44647 |
| Surr: DNOP | 94.5 | 70-130 | | %Rec | 1 | 5/6/2019 7:07:20 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/10/2019 12:55:19 AM | 44698 |
| Surr: BFB | 85.1 | 73.8-119 | | %Rec | 1 | 5/10/2019 12:55:19 AM | 44698 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/10/2019 12:55:19 AM | 44698 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/10/2019 12:55:19 AM | 44698 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/10/2019 12:55:19 AM | 44698 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/10/2019 12:55:19 AM | 44698 |
| Surr: 4-Bromofluorobenzene | 82.6 | 80-120 | | %Rec | 1 | 5/10/2019 12:55:19 AM | 44698 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-102

Project: NEU 315H

Collection Date: 4/29/2019 8:35:00 AM

Lab ID: 1905003-151

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 7.0 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 120 | 65 | | mg/Kg-dr | 20 | 5/8/2019 9:05:37 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 33 | 9.9 | | mg/Kg-dr | 1 | 5/6/2019 7:31:53 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg-dr | 1 | 5/6/2019 7:31:53 PM | 44647 |
| Surr: DNOP | 117 | 70-130 | | %Rec | 1 | 5/6/2019 7:31:53 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 5/8/2019 6:34:23 PM | 44705 |
| Surr: BFB | 95.0 | 73.8-119 | | %Rec | 1 | 5/8/2019 6:34:23 PM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/8/2019 6:34:23 PM | 44705 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 5/8/2019 6:34:23 PM | 44705 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 5/8/2019 6:34:23 PM | 44705 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 5/8/2019 6:34:23 PM | 44705 |
| Surr: 4-Bromofluorobenzene | 94.8 | 80-120 | | %Rec | 1 | 5/8/2019 6:34:23 PM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-103

Project: NEU 315H

Collection Date: 4/29/2019 8:45:00 AM

Lab ID: 1905003-152

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 8.9 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/8/2019 9:42:51 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 42 | 11 | | mg/Kg-dr | 1 | 5/6/2019 7:56:23 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/6/2019 7:56:23 PM | 44647 |
| Surr: DNOP | 118 | 70-130 | | %Rec | 1 | 5/6/2019 7:56:23 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.3 | | mg/Kg-dr | 1 | 5/8/2019 7:44:18 PM | 44705 |
| Surr: BFB | 97.8 | 73.8-119 | | %Rec | 1 | 5/8/2019 7:44:18 PM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/8/2019 7:44:18 PM | 44705 |
| Toluene | ND | 0.053 | | mg/Kg-dr | 1 | 5/8/2019 7:44:18 PM | 44705 |
| Ethylbenzene | ND | 0.053 | | mg/Kg-dr | 1 | 5/8/2019 7:44:18 PM | 44705 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 7:44:18 PM | 44705 |
| Surr: 4-Bromofluorobenzene | 97.1 | 80-120 | | %Rec | 1 | 5/8/2019 7:44:18 PM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-104

Project: NEU 315H

Collection Date: 4/29/2019 5:43:00 PM

Lab ID: 1905003-153

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 10 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/8/2019 9:55:15 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 190 | 11 | | mg/Kg-dr | 1 | 5/6/2019 8:21:00 PM | 44647 |
| Motor Oil Range Organics (MRO) | 120 | 55 | | mg/Kg-dr | 1 | 5/6/2019 8:21:00 PM | 44647 |
| Surr: DNOP | 117 | 70-130 | | %Rec | 1 | 5/6/2019 8:21:00 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/8/2019 8:54:13 PM | 44705 |
| Surr: BFB | 97.8 | 73.8-119 | | %Rec | 1 | 5/8/2019 8:54:13 PM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/8/2019 8:54:13 PM | 44705 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/8/2019 8:54:13 PM | 44705 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/8/2019 8:54:13 PM | 44705 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 8:54:13 PM | 44705 |
| Surr: 4-Bromofluorobenzene | 94.2 | 80-120 | | %Rec | 1 | 5/8/2019 8:54:13 PM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-A

Project: NEU 315H

Collection Date: 4/29/2019 9:05:00 AM

Lab ID: 1905003-154

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 120 | 68 | | mg/Kg-dr | 20 | 5/8/2019 10:07:40 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 16 | 11 | | mg/Kg-dr | 1 | 5/6/2019 8:45:31 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 56 | | mg/Kg-dr | 1 | 5/6/2019 8:45:31 PM | 44647 |
| Surr: DNOP | 122 | 70-130 | | %Rec | 1 | 5/6/2019 8:45:31 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/8/2019 9:17:35 PM | 44705 |
| Surr: BFB | 98.5 | 73.8-119 | | %Rec | 1 | 5/8/2019 9:17:35 PM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/8/2019 9:17:35 PM | 44705 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/8/2019 9:17:35 PM | 44705 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/8/2019 9:17:35 PM | 44705 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 9:17:35 PM | 44705 |
| Surr: 4-Bromofluorobenzene | 96.6 | 80-120 | | %Rec | 1 | 5/8/2019 9:17:35 PM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-B

Project: NEU 315H

Collection Date: 4/29/2019 11:53:00 AM

Lab ID: 1905003-155

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 5/8/2019 10:20:05 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 9:09:56 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/6/2019 9:09:56 PM | 44647 |
| Surr: DNOP | 120 | 70-130 | | %Rec | 1 | 5/6/2019 9:09:56 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/8/2019 9:40:56 PM | 44705 |
| Surr: BFB | 98.3 | 73.8-119 | | %Rec | 1 | 5/8/2019 9:40:56 PM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/8/2019 9:40:56 PM | 44705 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/8/2019 9:40:56 PM | 44705 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/8/2019 9:40:56 PM | 44705 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 9:40:56 PM | 44705 |
| Surr: 4-Bromofluorobenzene | 98.5 | 80-120 | | %Rec | 1 | 5/8/2019 9:40:56 PM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-C

Project: NEU 315H

Collection Date: 4/29/2019 1:53:00 PM

Lab ID: 1905003-156

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/8/2019 10:32:30 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | 250 | 11 | | mg/Kg-dr | 1 | 5/6/2019 9:34:24 PM | 44647 |
| Motor Oil Range Organics (MRO) | 89 | 55 | | mg/Kg-dr | 1 | 5/6/2019 9:34:24 PM | 44647 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 5/6/2019 9:34:24 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 5/8/2019 10:04:17 PM | 44705 |
| Surr: BFB | 106 | 73.8-119 | | %Rec | 1 | 5/8/2019 10:04:17 PM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/8/2019 10:04:17 PM | 44705 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 5/8/2019 10:04:17 PM | 44705 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 5/8/2019 10:04:17 PM | 44705 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/8/2019 10:04:17 PM | 44705 |
| Surr: 4-Bromofluorobenzene | 94.7 | 80-120 | | %Rec | 1 | 5/8/2019 10:04:17 PM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-D

Project: NEU 315H

Collection Date: 4/29/2019 3:05:00 PM

Lab ID: 1905003-157

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 8.6 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 5/8/2019 11:09:45 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 9:59:07 PM | 44647 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 5/6/2019 9:59:07 PM | 44647 |
| Surr: DNOP | 96.0 | 70-130 | | %Rec | 1 | 5/6/2019 9:59:07 PM | 44647 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/8/2019 10:27:39 PM | 44705 |
| Surr: BFB | 106 | 73.8-119 | | %Rec | 1 | 5/8/2019 10:27:39 PM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/8/2019 10:27:39 PM | 44705 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/8/2019 10:27:39 PM | 44705 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/8/2019 10:27:39 PM | 44705 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 10:27:39 PM | 44705 |
| Surr: 4-Bromofluorobenzene | 106 | 80-120 | | %Rec | 1 | 5/8/2019 10:27:39 PM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-E

Project: NEU 315H

Collection Date: 4/29/2019 4:07:00 PM

Lab ID: 1905003-158

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 15 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 5/8/2019 11:22:09 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 9:24:01 AM | 44648 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/6/2019 9:24:01 AM | 44648 |
| Surr: DNOP | 89.9 | 70-130 | | %Rec | 1 | 5/6/2019 9:24:01 AM | 44648 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.8 | | mg/Kg-dr | 1 | 5/8/2019 10:51:03 PM | 44705 |
| Surr: BFB | 97.6 | 73.8-119 | | %Rec | 1 | 5/8/2019 10:51:03 PM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.029 | | mg/Kg-dr | 1 | 5/8/2019 10:51:03 PM | 44705 |
| Toluene | ND | 0.058 | | mg/Kg-dr | 1 | 5/8/2019 10:51:03 PM | 44705 |
| Ethylbenzene | ND | 0.058 | | mg/Kg-dr | 1 | 5/8/2019 10:51:03 PM | 44705 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/8/2019 10:51:03 PM | 44705 |
| Surr: 4-Bromofluorobenzene | 97.2 | 80-120 | | %Rec | 1 | 5/8/2019 10:51:03 PM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-082

Project: NEU 315H

Collection Date: 4/30/2019 1:40:00 PM

Lab ID: 1905003-159

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 8.0 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 210 | 65 | | mg/Kg-dr | 20 | 5/8/2019 11:34:34 PM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 5/6/2019 3:34:33 PM | 44648 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 5/6/2019 3:34:33 PM | 44648 |
| Surr: DNOP | 94.6 | 70-130 | | %Rec | 1 | 5/6/2019 3:34:33 PM | 44648 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 5/8/2019 11:14:25 PM | 44705 |
| Surr: BFB | 96.7 | 73.8-119 | | %Rec | 1 | 5/8/2019 11:14:25 PM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/8/2019 11:14:25 PM | 44705 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 5/8/2019 11:14:25 PM | 44705 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 5/8/2019 11:14:25 PM | 44705 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 11:14:25 PM | 44705 |
| Surr: 4-Bromofluorobenzene | 95.6 | 80-120 | | %Rec | 1 | 5/8/2019 11:14:25 PM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-063

Project: NEU 315H

Collection Date: 4/30/2019 1:50:00 PM

Lab ID: 1905003-160

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 13 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 5/9/2019 12:11:48 AM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 3:58:47 PM | 44648 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/6/2019 3:58:47 PM | 44648 |
| Surr: DNOP | 94.4 | 70-130 | | %Rec | 1 | 5/6/2019 3:58:47 PM | 44648 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.5 | | mg/Kg-dr | 1 | 5/8/2019 11:37:45 PM | 44705 |
| Surr: BFB | 103 | 73.8-119 | | %Rec | 1 | 5/8/2019 11:37:45 PM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 5/8/2019 11:37:45 PM | 44705 |
| Toluene | ND | 0.055 | | mg/Kg-dr | 1 | 5/8/2019 11:37:45 PM | 44705 |
| Ethylbenzene | ND | 0.055 | | mg/Kg-dr | 1 | 5/8/2019 11:37:45 PM | 44705 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/8/2019 11:37:45 PM | 44705 |
| Surr: 4-Bromofluorobenzene | 102 | 80-120 | | %Rec | 1 | 5/8/2019 11:37:45 PM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: GR-01

Project: NEU 315H

Collection Date: 4/29/2019 11:12:00 AM

Lab ID: 1905003-161

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 20 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 75 | | mg/Kg-dr | 20 | 5/9/2019 12:24:12 AM | 44802 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/6/2019 4:23:05 PM | 44648 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 5/6/2019 4:23:05 PM | 44648 |
| Surr: DNOP | 92.3 | 70-130 | | %Rec | 1 | 5/6/2019 4:23:05 PM | 44648 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/9/2019 1:35:26 AM | 44705 |
| Surr: BFB | 96.2 | 73.8-119 | | %Rec | 1 | 5/9/2019 1:35:26 AM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/9/2019 1:35:26 AM | 44705 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/9/2019 1:35:26 AM | 44705 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/9/2019 1:35:26 AM | 44705 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/9/2019 1:35:26 AM | 44705 |
| Surr: 4-Bromofluorobenzene | 95.1 | 80-120 | | %Rec | 1 | 5/9/2019 1:35:26 AM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: GR-02

Project: NEU 315H

Collection Date: 4/29/2019 11:18:00 AM

Lab ID: 1905003-162

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|---------------|-----------|-------------|--------------|-----------|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 21 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 90 | 76 | | mg/Kg-dr | 20 | 5/9/2019 2:34:37 PM | 44822 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/6/2019 4:47:17 PM | 44648 |
| Motor Oil Range Organics (MRO) | ND | 61 | | mg/Kg-dr | 1 | 5/6/2019 4:47:17 PM | 44648 |
| Surr: DNOP | 94.6 | 70-130 | | %Rec | 1 | 5/6/2019 4:47:17 PM | 44648 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.2 | | mg/Kg-dr | 1 | 5/9/2019 1:58:55 AM | 44705 |
| Surr: BFB | 104 | 73.8-119 | | %Rec | 1 | 5/9/2019 1:58:55 AM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.031 | | mg/Kg-dr | 1 | 5/9/2019 1:58:55 AM | 44705 |
| Toluene | ND | 0.062 | | mg/Kg-dr | 1 | 5/9/2019 1:58:55 AM | 44705 |
| Ethylbenzene | ND | 0.062 | | mg/Kg-dr | 1 | 5/9/2019 1:58:55 AM | 44705 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/9/2019 1:58:55 AM | 44705 |
| Surr: 4-Bromofluorobenzene | 104 | 80-120 | | %Rec | 1 | 5/9/2019 1:58:55 AM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: GR-03

Project: NEU 315H

Collection Date: 4/29/2019 11:20:00 AM

Lab ID: 1905003-163

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 23 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 160 | 77 | | mg/Kg-dr | 20 | 5/9/2019 3:36:38 PM | 44822 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg-dr | 1 | 5/6/2019 5:11:35 PM | 44648 |
| Motor Oil Range Organics (MRO) | ND | 64 | | mg/Kg-dr | 1 | 5/6/2019 5:11:35 PM | 44648 |
| Surr: DNOP | 92.5 | 70-130 | | %Rec | 1 | 5/6/2019 5:11:35 PM | 44648 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.3 | | mg/Kg-dr | 1 | 5/9/2019 2:22:24 AM | 44705 |
| Surr: BFB | 98.6 | 73.8-119 | | %Rec | 1 | 5/9/2019 2:22:24 AM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.032 | | mg/Kg-dr | 1 | 5/9/2019 2:22:24 AM | 44705 |
| Toluene | ND | 0.063 | | mg/Kg-dr | 1 | 5/9/2019 2:22:24 AM | 44705 |
| Ethylbenzene | ND | 0.063 | | mg/Kg-dr | 1 | 5/9/2019 2:22:24 AM | 44705 |
| Xylenes, Total | ND | 0.13 | | mg/Kg-dr | 1 | 5/9/2019 2:22:24 AM | 44705 |
| Surr: 4-Bromofluorobenzene | 98.0 | 80-120 | | %Rec | 1 | 5/9/2019 2:22:24 AM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: GR-04

Project: NEU 315H

Collection Date: 4/29/2019 11:24:00 AM

Lab ID: 1905003-164

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 23 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 79 | | mg/Kg-dr | 20 | 5/9/2019 3:49:02 PM | 44822 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/6/2019 5:36:13 PM | 44648 |
| Motor Oil Range Organics (MRO) | ND | 62 | | mg/Kg-dr | 1 | 5/6/2019 5:36:13 PM | 44648 |
| Surr: DNOP | 95.4 | 70-130 | | %Rec | 1 | 5/6/2019 5:36:13 PM | 44648 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.4 | | mg/Kg-dr | 1 | 5/9/2019 2:46:07 AM | 44705 |
| Surr: BFB | 98.3 | 73.8-119 | | %Rec | 1 | 5/9/2019 2:46:07 AM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.032 | | mg/Kg-dr | 1 | 5/9/2019 2:46:07 AM | 44705 |
| Toluene | ND | 0.064 | | mg/Kg-dr | 1 | 5/9/2019 2:46:07 AM | 44705 |
| Ethylbenzene | ND | 0.064 | | mg/Kg-dr | 1 | 5/9/2019 2:46:07 AM | 44705 |
| Xylenes, Total | ND | 0.13 | | mg/Kg-dr | 1 | 5/9/2019 2:46:07 AM | 44705 |
| Surr: 4-Bromofluorobenzene | 98.6 | 80-120 | | %Rec | 1 | 5/9/2019 2:46:07 AM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: GR-05

Project: NEU 315H

Collection Date: 4/29/2019 11:26:00 AM

Lab ID: 1905003-165

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 20 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 75 | | mg/Kg-dr | 20 | 5/9/2019 4:01:27 PM | 44822 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/6/2019 6:01:00 PM | 44648 |
| Motor Oil Range Organics (MRO) | ND | 61 | | mg/Kg-dr | 1 | 5/6/2019 6:01:00 PM | 44648 |
| Surr: DNOP | 94.9 | 70-130 | | %Rec | 1 | 5/6/2019 6:01:00 PM | 44648 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.1 | | mg/Kg-dr | 1 | 5/9/2019 3:09:45 AM | 44705 |
| Surr: BFB | 96.4 | 73.8-119 | | %Rec | 1 | 5/9/2019 3:09:45 AM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/9/2019 3:09:45 AM | 44705 |
| Toluene | ND | 0.061 | | mg/Kg-dr | 1 | 5/9/2019 3:09:45 AM | 44705 |
| Ethylbenzene | ND | 0.061 | | mg/Kg-dr | 1 | 5/9/2019 3:09:45 AM | 44705 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/9/2019 3:09:45 AM | 44705 |
| Surr: 4-Bromofluorobenzene | 97.2 | 80-120 | | %Rec | 1 | 5/9/2019 3:09:45 AM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: GR-06

Project: NEU 315H

Collection Date: 4/29/2019 11:28:00 AM

Lab ID: 1905003-166

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/9/2019 3:44:39 PM | 44826 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/6/2019 6:25:50 PM | 44648 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 5/6/2019 6:25:50 PM | 44648 |
| Surr: DNOP | 91.7 | 70-130 | | %Rec | 1 | 5/6/2019 6:25:50 PM | 44648 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/9/2019 3:33:17 AM | 44705 |
| Surr: BFB | 95.3 | 73.8-119 | | %Rec | 1 | 5/9/2019 3:33:17 AM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/9/2019 3:33:17 AM | 44705 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/9/2019 3:33:17 AM | 44705 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/9/2019 3:33:17 AM | 44705 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/9/2019 3:33:17 AM | 44705 |
| Surr: 4-Bromofluorobenzene | 93.9 | 80-120 | | %Rec | 1 | 5/9/2019 3:33:17 AM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: GR-07

Project: NEU 315H

Collection Date: 4/29/2019 11:30:00 AM

Lab ID: 1905003-167

Matrix: SOIL

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 5.9 | 1.0 | | wt% | 1 | 5/3/2019 | R59661 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 64 | | mg/Kg-dr | 20 | 5/9/2019 3:57:04 PM | 44826 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 4400 | 99 | | mg/Kg-dr | 10 | 5/6/2019 9:48:09 AM | 44648 |
| Motor Oil Range Organics (MRO) | 1500 | 500 | | mg/Kg-dr | 10 | 5/6/2019 9:48:09 AM | 44648 |
| Surr: DNOP | 0 | 70-130 | S | %Rec | 10 | 5/6/2019 9:48:09 AM | 44648 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 46 | 5.3 | | mg/Kg-dr | 1 | 5/9/2019 3:56:40 AM | 44705 |
| Surr: BFB | 409 | 73.8-119 | S | %Rec | 1 | 5/9/2019 3:56:40 AM | 44705 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 5/9/2019 3:56:40 AM | 44705 |
| Toluene | 0.11 | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 3:56:40 AM | 44705 |
| Ethylbenzene | 0.27 | 0.053 | | mg/Kg-dr | 1 | 5/9/2019 3:56:40 AM | 44705 |
| Xylenes, Total | 2.2 | 0.11 | | mg/Kg-dr | 1 | 5/9/2019 3:56:40 AM | 44705 |
| Surr: 4-Bromofluorobenzene | 116 | 80-120 | | %Rec | 1 | 5/9/2019 3:56:40 AM | 44705 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: RB-042919

Project: NEU 315H

Collection Date: 4/29/2019 3:48:00 PM

Lab ID: 1905003-168

Matrix: AQUEOUS

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|---------------------|---------------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 5/7/2019 6:11:49 PM | SL59712 |
| Toluene | ND | 1.0 | | µg/L | 1 | 5/7/2019 6:11:49 PM | SL59712 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 5/7/2019 6:11:49 PM | SL59712 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 5/7/2019 6:11:49 PM | SL59712 |
| Surr: 1,2-Dichloroethane-d4 | 94.2 | 70-130 | | %Rec | 1 | 5/7/2019 6:11:49 PM | SL59712 |
| Surr: 4-Bromofluorobenzene | 96.5 | 70-130 | | %Rec | 1 | 5/7/2019 6:11:49 PM | SL59712 |
| Surr: Dibromofluoromethane | 109 | 70-130 | | %Rec | 1 | 5/7/2019 6:11:49 PM | SL59712 |
| Surr: Toluene-d8 | 93.1 | 70-130 | | %Rec | 1 | 5/7/2019 6:11:49 PM | SL59712 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: FB-042919

Project: NEU 315H

Collection Date: 4/29/2019 5:35:00 PM

Lab ID: 1905003-169

Matrix: AQUEOUS

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|---------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 5/7/2019 7:37:34 PM | SL59712 |
| Toluene | ND | 1.0 | | µg/L | 1 | 5/7/2019 7:37:34 PM | SL59712 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 5/7/2019 7:37:34 PM | SL59712 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 5/7/2019 7:37:34 PM | SL59712 |
| Surr: 1,2-Dichloroethane-d4 | 92.0 | 70-130 | | %Rec | 1 | 5/7/2019 7:37:34 PM | SL59712 |
| Surr: 4-Bromofluorobenzene | 97.5 | 70-130 | | %Rec | 1 | 5/7/2019 7:37:34 PM | SL59712 |
| Surr: Dibromofluoromethane | 108 | 70-130 | | %Rec | 1 | 5/7/2019 7:37:34 PM | SL59712 |
| Surr: Toluene-d8 | 91.4 | 70-130 | | %Rec | 1 | 5/7/2019 7:37:34 PM | SL59712 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: Trip Blank

Project: NEU 315H

Collection Date:

Lab ID: 1905003-170

Matrix: AQUEOUS

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|---------------------|---------------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | P | µg/L | 1 | 5/7/2019 8:06:15 PM | SL59712 |
| Toluene | ND | 1.0 | P | µg/L | 1 | 5/7/2019 8:06:15 PM | SL59712 |
| Ethylbenzene | ND | 1.0 | P | µg/L | 1 | 5/7/2019 8:06:15 PM | SL59712 |
| Xylenes, Total | ND | 1.5 | P | µg/L | 1 | 5/7/2019 8:06:15 PM | SL59712 |
| Surr: 1,2-Dichloroethane-d4 | 89.2 | 70-130 | P | %Rec | 1 | 5/7/2019 8:06:15 PM | SL59712 |
| Surr: 4-Bromofluorobenzene | 96.3 | 70-130 | P | %Rec | 1 | 5/7/2019 8:06:15 PM | SL59712 |
| Surr: Dibromofluoromethane | 107 | 70-130 | P | %Rec | 1 | 5/7/2019 8:06:15 PM | SL59712 |
| Surr: Toluene-d8 | 91.6 | 70-130 | P | %Rec | 1 | 5/7/2019 8:06:15 PM | SL59712 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905003

Date Reported: 5/14/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: Trip Blank

Project: NEU 315H

Collection Date:

Lab ID: 1905003-171

Matrix: AQUEOUS

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|---------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 5/7/2019 8:34:53 PM | SL59712 |
| Toluene | ND | 1.0 | | µg/L | 1 | 5/7/2019 8:34:53 PM | SL59712 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 5/7/2019 8:34:53 PM | SL59712 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 5/7/2019 8:34:53 PM | SL59712 |
| Surr: 1,2-Dichloroethane-d4 | 92.6 | 70-130 | | %Rec | 1 | 5/7/2019 8:34:53 PM | SL59712 |
| Surr: 4-Bromofluorobenzene | 95.8 | 70-130 | | %Rec | 1 | 5/7/2019 8:34:53 PM | SL59712 |
| Surr: Dibromofluoromethane | 107 | 70-130 | | %Rec | 1 | 5/7/2019 8:34:53 PM | SL59712 |
| Surr: Toluene-d8 | 91.1 | 70-130 | | %Rec | 1 | 5/7/2019 8:34:53 PM | SL59712 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905003**

Date Reported: **5/14/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: Trip Blank

Project: NEU 315H

Collection Date:

Lab ID: 1905003-172

Matrix: AQUEOUS

Received Date: 5/1/2019 8:25:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|---------------------|---------------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 5/7/2019 9:03:26 PM | SL59712 |
| Toluene | ND | 1.0 | | µg/L | 1 | 5/7/2019 9:03:26 PM | SL59712 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 5/7/2019 9:03:26 PM | SL59712 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 5/7/2019 9:03:26 PM | SL59712 |
| Surr: 1,2-Dichloroethane-d4 | 89.7 | 70-130 | | %Rec | 1 | 5/7/2019 9:03:26 PM | SL59712 |
| Surr: 4-Bromofluorobenzene | 94.4 | 70-130 | | %Rec | 1 | 5/7/2019 9:03:26 PM | SL59712 |
| Surr: Dibromofluoromethane | 104 | 70-130 | | %Rec | 1 | 5/7/2019 9:03:26 PM | SL59712 |
| Surr: Toluene-d8 | 91.6 | 70-130 | | %Rec | 1 | 5/7/2019 9:03:26 PM | SL59712 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| | | | | | | | | | | |
|----------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Sample ID: MB-44678 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: PBS | Batch ID: 44678 | RunNo: 59589 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009347 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|-----------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Sample ID: LCS-44678 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: LCSS | Batch ID: 44678 | RunNo: 59589 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009348 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 98.6 | 90 | 110 | | | |

| | | | | | | | | | | |
|----------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Sample ID: MB-44699 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: PBS | Batch ID: 44699 | RunNo: 59589 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009383 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|-----------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Sample ID: LCS-44699 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: LCSS | Batch ID: 44699 | RunNo: 59589 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009384 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 97.8 | 90 | 110 | | | |

| | | | | | | | | | | |
|----------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Sample ID: MB-44680 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: PBS | Batch ID: 44680 | RunNo: 59616 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009780 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|-----------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Sample ID: LCS-44680 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: LCSS | Batch ID: 44680 | RunNo: 59616 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009781 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 94.9 | 90 | 110 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: MB-44703 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44703 | RunNo: 59642 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010565 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-44703 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44703 | RunNo: 59642 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010566 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 95.7 | 90 | 110 | | | |

| Sample ID: MB-44735 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44735 | RunNo: 59676 | | | | | | | | |
| Prep Date: 5/6/2019 | Analysis Date: 5/6/2019 | SeqNo: 2012072 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-44735 | SampType: lcs | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44735 | RunNo: 59676 | | | | | | | | |
| Prep Date: 5/6/2019 | Analysis Date: 5/6/2019 | SeqNo: 2012073 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 95.7 | 90 | 110 | | | |

| Sample ID: MB-44766 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44766 | RunNo: 59711 | | | | | | | | |
| Prep Date: 5/7/2019 | Analysis Date: 5/7/2019 | SeqNo: 2013318 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-44766 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44766 | RunNo: 59711 | | | | | | | | |
| Prep Date: 5/7/2019 | Analysis Date: 5/7/2019 | SeqNo: 2013319 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 95.6 | 90 | 110 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: MB-44760 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44760 | RunNo: 59714 | | | | | | | | |
| Prep Date: 5/7/2019 | Analysis Date: 5/7/2019 | SeqNo: 2013449 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-44760 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44760 | RunNo: 59714 | | | | | | | | |
| Prep Date: 5/7/2019 | Analysis Date: 5/7/2019 | SeqNo: 2013450 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 93.6 | 90 | 110 | | | |

| Sample ID: MB-44781 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44781 | RunNo: 59715 | | | | | | | | |
| Prep Date: 5/8/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014637 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-44781 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44781 | RunNo: 59715 | | | | | | | | |
| Prep Date: 5/8/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014638 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 93.4 | 90 | 110 | | | |

| Sample ID: MB-44769 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44769 | RunNo: 59749 | | | | | | | | |
| Prep Date: 5/7/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014939 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-44769 | SampType: lcs | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44769 | RunNo: 59749 | | | | | | | | |
| Prep Date: 5/7/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014940 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 96.6 | 90 | 110 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| | | | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: MB-44802 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: PBS | Batch ID: 44802 | RunNo: 59749 | | | | | | | | |
| Prep Date: 5/8/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014969 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: LCS-44802 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: LCSS | Batch ID: 44802 | RunNo: 59749 | | | | | | | | |
| Prep Date: 5/8/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014970 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 99.1 | 90 | 110 | | | |

| | | | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: MB-44822 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: PBS | Batch ID: 44822 | RunNo: 59767 | | | | | | | | |
| Prep Date: 5/9/2019 | Analysis Date: 5/9/2019 | SeqNo: 2016110 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: LCS-44822 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: LCSS | Batch ID: 44822 | RunNo: 59767 | | | | | | | | |
| Prep Date: 5/9/2019 | Analysis Date: 5/9/2019 | SeqNo: 2016111 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 98.0 | 90 | 110 | | | |

| | | | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: MB-44826 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: PBS | Batch ID: 44826 | RunNo: 59766 | | | | | | | | |
| Prep Date: 5/9/2019 | Analysis Date: 5/9/2019 | SeqNo: 2016237 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| | | | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: LCS-44826 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
| Client ID: LCSS | Batch ID: 44826 | RunNo: 59766 | | | | | | | | |
| Prep Date: 5/9/2019 | Analysis Date: 5/9/2019 | SeqNo: 2016238 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 95.0 | 90 | 110 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: MB-44642 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44642 | RunNo: 59575 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2007471 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 11 | | 10.00 | | 111 | 70 | 130 | | | |

| Sample ID: LCS-44640 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44640 | RunNo: 59576 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2007474 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 40 | 10 | 50.00 | 0 | 79.4 | 63.9 | 124 | | | |
| Surr: DNOP | 3.4 | | 5.000 | | 68.4 | 70 | 130 | | | S |

| Sample ID: MB-44640 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44640 | RunNo: 59576 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2007475 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 7.4 | | 10.00 | | 73.9 | 70 | 130 | | | |

| Sample ID: LCS-44642 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44642 | RunNo: 59575 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2008208 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 52 | 10 | 50.00 | 0 | 104 | 63.9 | 124 | | | |
| Surr: DNOP | 4.7 | | 5.000 | | 93.9 | 70 | 130 | | | |

| Sample ID: MB-44641 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44641 | RunNo: 59577 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2008225 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.5 | | 10.00 | | 95.2 | 70 | 130 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: LCS-44641 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44641 | RunNo: 59577 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2008226 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 42 | 10 | 50.00 | 0 | 83.5 | 63.9 | 124 | | | |
| Surr: DNOP | 4.2 | | 5.000 | | 83.4 | 70 | 130 | | | |

| Sample ID: 1905003-039AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SB-029-01 | Batch ID: 44642 | RunNo: 59575 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2008246 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 60 | 11 | 56.45 | 0 | 106 | 53.5 | 126 | | | |
| Surr: DNOP | 5.5 | | 5.645 | | 97.8 | 70 | 130 | | | |

| Sample ID: 1905003-039AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: SB-029-01 | Batch ID: 44642 | RunNo: 59575 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2008247 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 60 | 11 | 56.14 | 0 | 107 | 53.5 | 126 | 0.135 | 21.7 | |
| Surr: DNOP | 5.4 | | 5.614 | | 96.1 | 70 | 130 | 0 | 0 | |

| Sample ID: 1905003-019AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SB-069-01 | Batch ID: 44641 | RunNo: 59577 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2008516 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 42 | 9.2 | 46.21 | 0 | 91.9 | 53.5 | 126 | | | |
| Surr: DNOP | 4.4 | | 4.621 | | 94.3 | 70 | 130 | | | |

| Sample ID: 1905003-019AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SB-069-01 | Batch ID: 44641 | RunNo: 59577 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2008517 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 39 | 9.6 | 47.89 | 0 | 81.6 | 53.5 | 126 | 8.33 | 21.7 | |
| Surr: DNOP | 4.0 | | 4.789 | | 84.1 | 70 | 130 | 0 | 0 | |

| Sample ID: LCS-44643 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44643 | RunNo: 59607 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2009035 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: LCS-44643 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44643 | RunNo: 59607 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2009035 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 48 | 10 | 50.00 | 0 | 96.2 | 63.9 | 124 | | | |
| Surr: DNOP | 4.3 | | 5.000 | | 86.3 | 70 | 130 | | | |

| Sample ID: MB-44643 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44643 | RunNo: 59607 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2009036 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.3 | | 10.00 | | 92.6 | 70 | 130 | | | |

| Sample ID: 1905003-058AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-007 | Batch ID: 44643 | RunNo: 59607 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2009473 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 130 | 12 | 59.92 | 124.8 | 12.8 | 53.5 | 126 | | | S |
| Surr: DNOP | 5.8 | | 5.992 | | 96.7 | 70 | 130 | | | |

| Sample ID: 1905003-058AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-007 | Batch ID: 44643 | RunNo: 59607 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2009474 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 190 | 12 | 60.14 | 124.8 | 115 | 53.5 | 126 | 37.6 | 21.7 | R |
| Surr: DNOP | 6.0 | | 6.014 | | 99.0 | 70 | 130 | 0 | 0 | |

| Sample ID: MB-44644 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44644 | RunNo: 59626 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2009865 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 8.9 | | 10.00 | | 89.0 | 70 | 130 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: LCS-44644 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44644 | RunNo: 59626 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2009866 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 43 | 10 | 50.00 | 0 | 85.3 | 63.9 | 124 | | | |
| Surr: DNOP | 4.3 | | 5.000 | | 85.1 | 70 | 130 | | | |

| Sample ID: MB-44645 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44645 | RunNo: 59626 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010373 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 8.9 | | 10.00 | | 89.4 | 70 | 130 | | | |

| Sample ID: LCS-44645 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44645 | RunNo: 59626 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010374 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 43 | 10 | 50.00 | 0 | 85.5 | 63.9 | 124 | | | |
| Surr: DNOP | 4.3 | | 5.000 | | 85.8 | 70 | 130 | | | |

| Sample ID: 1905003-078AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-027 | Batch ID: 44644 | RunNo: 59626 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010462 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 41 | 9.7 | 48.31 | 0 | 85.5 | 53.5 | 126 | | | |
| Surr: DNOP | 4.3 | | 4.831 | | 89.0 | 70 | 130 | | | |

| Sample ID: 1905003-098AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-047 | Batch ID: 44645 | RunNo: 59626 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/4/2019 | SeqNo: 2010463 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 42 | 9.4 | 47.04 | 0 | 90.1 | 53.5 | 126 | | | |
| Surr: DNOP | 4.4 | | 4.704 | | 92.9 | 70 | 130 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-078AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-027 | Batch ID: 44644 | RunNo: 59626 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010464 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 38 | 8.7 | 43.44 | 0 | 87.4 | 53.5 | 126 | 8.45 | 21.7 | |
| Surr: DNOP | 3.9 | | 4.344 | | 90.4 | 70 | 130 | 0 | 0 | |

| Sample ID: 1905003-098AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-047 | Batch ID: 44645 | RunNo: 59626 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/4/2019 | SeqNo: 2010465 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 43 | 9.0 | 45.25 | 0 | 95.8 | 53.5 | 126 | 2.20 | 21.7 | |
| Surr: DNOP | 4.5 | | 4.525 | | 98.9 | 70 | 130 | 0 | 0 | |

| Sample ID: LCS-44647 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44647 | RunNo: 59643 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2010611 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47 | 10 | 50.00 | 0 | 93.4 | 63.9 | 124 | | | |
| Surr: DNOP | 4.4 | | 5.000 | | 88.3 | 70 | 130 | | | |

| Sample ID: MB-44647 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44647 | RunNo: 59643 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2010613 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 10 | | 10.00 | | 103 | 70 | 130 | | | |

| Sample ID: 1905003-118AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-068 | Batch ID: 44646 | RunNo: 59644 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2010646 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 60 | 11 | 54.58 | 0 | 109 | 53.5 | 126 | | | |
| Surr: DNOP | 4.9 | | 5.458 | | 90.6 | 70 | 130 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1905003

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: LCS-44646 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: LCSS | Batch ID: 44646 | RunNo: 59644 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2010648 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 52 | 10 | 50.00 | 0 | 105 | 63.9 | 124 | | | |
| Surr: DNOP | 4.3 | | 5.000 | | 85.9 | 70 | 130 | | | |

| Sample ID: MB-44646 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: PBS | Batch ID: 44646 | RunNo: 59644 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2010649 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.2 | | 10.00 | | 92.3 | 70 | 130 | | | |

| Sample ID: MB-44648 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: PBS | Batch ID: 44648 | RunNo: 59657 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2011095 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.0 | | 10.00 | | 89.7 | 70 | 130 | | | |

| Sample ID: LCS-44648 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: LCSS | Batch ID: 44648 | RunNo: 59657 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2011096 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 43 | 10 | 50.00 | 0 | 85.6 | 63.9 | 124 | | | |
| Surr: DNOP | 4.3 | | 5.000 | | 86.1 | 70 | 130 | | | |

| Sample ID: 1905003-118AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|-------------------------|------|
| Client ID: SA-068 | Batch ID: 44646 | RunNo: 59644 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2011112 | | | | | | | Units: mg/Kg-dry | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 56 | 11 | 52.58 | 0 | 106 | 53.5 | 126 | 6.49 | 21.7 | |
| Surr: DNOP | 4.1 | | 5.258 | | 78.8 | 70 | 130 | 0 | 0 | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-138AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|--------------------------------|--|-----------|-------------|-------------------------|----------|-----------|------|----------|------|
| Client ID: SA-089 | Batch ID: 44647 | RunNo: 59643 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2011257 | | | Units: mg/Kg-dry | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 51 | 10 | 50.48 | 0 | 101 | 53.5 | 126 | | | |
| Surr: DNOP | 4.4 | | 5.048 | | 87.9 | 70 | 130 | | | |

| Sample ID: 1905003-138AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|-----------|-------------|-------------------------|----------|-----------|------|----------|------|
| Client ID: SA-089 | Batch ID: 44647 | RunNo: 59643 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2011258 | | | Units: mg/Kg-dry | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 53 | 11 | 53.11 | 0 | 99.8 | 53.5 | 126 | 3.58 | 21.7 | |
| Surr: DNOP | 4.8 | | 5.311 | | 91.1 | 70 | 130 | 0 | 0 | |

| Sample ID: 1905003-158AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|--------------------------------|--|-----------|-------------|-------------------------|----------|-----------|------|----------|------|
| Client ID: SA-E | Batch ID: 44648 | RunNo: 59657 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2011410 | | | Units: mg/Kg-dry | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 51 | 12 | 58.17 | 0 | 87.8 | 53.5 | 126 | | | |
| Surr: DNOP | 2.5 | | 5.817 | | 43.7 | 70 | 130 | | | S |

| Sample ID: 1905003-158AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|-----------|-------------|-------------------------|----------|-----------|-------|----------|------|
| Client ID: SA-E | Batch ID: 44648 | RunNo: 59657 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/6/2019 | SeqNo: 2011411 | | | Units: mg/Kg-dry | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 51 | 12 | 58.00 | 0 | 88.3 | 53.5 | 126 | 0.225 | 21.7 | |
| Surr: DNOP | 2.8 | | 5.800 | | 47.9 | 70 | 130 | 0 | 0 | S |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1905003

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: LCS-44653 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: LCSS | Batch ID: 44653 | RunNo: 59586 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009443 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25 | 5.0 | 25.00 | 0 | 98.1 | 80.1 | 123 | | | |
| Surr: BFB | 1000 | | 1000 | | 101 | 73.8 | 119 | | | |

| Sample ID: MB-44653 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: PBS | Batch ID: 44653 | RunNo: 59586 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009444 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 890 | | 1000 | | 89.4 | 73.8 | 119 | | | |

| Sample ID: 1905003-018AMS | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|-------------------------|------|
| Client ID: SB-071-01 | Batch ID: 44661 | RunNo: 59629 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009890 | | | | | | | Units: mg/Kg-dry | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 28 | 5.7 | 28.42 | 0 | 97.6 | 69.1 | 142 | | | |
| Surr: BFB | 1200 | | 1137 | | 102 | 73.8 | 119 | | | |

| Sample ID: 1905003-018AMSD | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|-------------------------|------|
| Client ID: SB-071-01 | Batch ID: 44661 | RunNo: 59629 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009891 | | | | | | | Units: mg/Kg-dry | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 32 | 5.7 | 28.56 | 0 | 112 | 69.1 | 142 | 14.2 | 20 | |
| Surr: BFB | 1200 | | 1142 | | 104 | 73.8 | 119 | 0 | 0 | |

| Sample ID: LCS-44661 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: LCSS | Batch ID: 44661 | RunNo: 59629 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009911 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 94.2 | 80.1 | 123 | | | |
| Surr: BFB | 1000 | | 1000 | | 101 | 73.8 | 119 | | | |

| Sample ID: MB-44661 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: PBS | Batch ID: 44661 | RunNo: 59629 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009912 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1905003

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: MB-44661 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44661 | RunNo: 59629 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009912 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 900 | | 1000 | | 90.0 | 73.8 | 119 | | | |

| Sample ID: 1905003-038AMS | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SB-031-01 | Batch ID: 44663 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010389 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 27 | 5.7 | 28.64 | 0 | 93.5 | 69.1 | 142 | | | |
| Surr: BFB | 1200 | | 1146 | | 102 | 73.8 | 119 | | | |

| Sample ID: 1905003-038AMSD | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SB-031-01 | Batch ID: 44663 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010391 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 27 | 5.8 | 29.06 | 0 | 94.2 | 69.1 | 142 | 2.22 | 20 | |
| Surr: BFB | 1200 | | 1162 | | 102 | 73.8 | 119 | 0 | 0 | |

| Sample ID: 1905003-059AMS | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-008 | Batch ID: 44674 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/4/2019 | SeqNo: 2010414 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 29 | 5.9 | 29.42 | 0 | 98.2 | 69.1 | 142 | | | |
| Surr: BFB | 1200 | | 1177 | | 103 | 73.8 | 119 | | | |

| Sample ID: 1905003-059AMSD | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-008 | Batch ID: 44674 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/4/2019 | SeqNo: 2010415 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 31 | 6.0 | 30.05 | 0 | 102 | 69.1 | 142 | 5.54 | 20 | |
| Surr: BFB | 1200 | | 1202 | | 104 | 73.8 | 119 | 0 | 0 | |

| Sample ID: LCS-44663 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44663 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010438 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1905003

14-May-19

Client: Enduring Resources

Project: NEU 315H

| Sample ID: LCS-44663 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44663 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010438 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 96.4 | 80.1 | 123 | | | |
| Surr: BFB | 1100 | | 1000 | | 106 | 73.8 | 119 | | | |

| Sample ID: LCS-44674 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44674 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/4/2019 | SeqNo: 2010439 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23 | 5.0 | 25.00 | 0 | 90.3 | 80.1 | 123 | | | |
| Surr: BFB | 990 | | 1000 | | 98.7 | 73.8 | 119 | | | |

| Sample ID: MB-44663 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44663 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010440 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 930 | | 1000 | | 92.8 | 73.8 | 119 | | | |

| Sample ID: MB-44674 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44674 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/4/2019 | SeqNo: 2010442 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 900 | | 1000 | | 90.5 | 73.8 | 119 | | | |

| Sample ID: LCS-44705 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44705 | RunNo: 59659 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/7/2019 | SeqNo: 2011491 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 26 | 5.0 | 25.00 | 0 | 106 | 80.1 | 123 | | | |
| Surr: BFB | 1100 | | 1000 | | 105 | 73.8 | 119 | | | |

| Sample ID: MB-44705 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------|--------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44705 | RunNo: 59659 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/7/2019 | SeqNo: 2011493 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003**

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: MB-44705 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44705 | RunNo: 59659 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/7/2019 | SeqNo: 2011493 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 910 | | 1000 | | 91.1 | 73.8 | 119 | | | |

| Sample ID: 1905003-151AMS | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-102 | Batch ID: 44705 | RunNo: 59736 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014413 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.2 | 26.23 | 0 | 90.2 | 69.1 | 142 | | | |
| Surr: BFB | 1100 | | 1049 | | 107 | 73.8 | 119 | | | |

| Sample ID: 1905003-151AMSD | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: SA-102 | Batch ID: 44705 | RunNo: 59736 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014423 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23 | 5.2 | 25.82 | 0 | 90.9 | 69.1 | 142 | 0.754 | 20 | |
| Surr: BFB | 1100 | | 1033 | | 107 | 73.8 | 119 | 0 | 0 | |

| Sample ID: MB-44697 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44697 | RunNo: 59737 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014611 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 910 | | 1000 | | 91.2 | 73.8 | 119 | | | |

| Sample ID: LCS-44697 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44697 | RunNo: 59737 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014612 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 97.6 | 80.1 | 123 | | | |
| Surr: BFB | 1000 | | 1000 | | 104 | 73.8 | 119 | | | |

| Sample ID: 1905003-119AMS | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-069 | Batch ID: 44697 | RunNo: 59737 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014615 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-119AMS | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-069 | Batch ID: 44697 | RunNo: 59737 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014615 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 27 | 6.0 | 30.20 | 0 | 90.0 | 69.1 | 142 | | | |
| Surr: BFB | 1300 | | 1208 | | 106 | 73.8 | 119 | | | |

| Sample ID: 1905003-119AMSD | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-069 | Batch ID: 44697 | RunNo: 59737 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014616 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 27 | 6.0 | 29.76 | 0 | 89.4 | 69.1 | 142 | 2.15 | 20 | |
| Surr: BFB | 1200 | | 1190 | | 104 | 73.8 | 119 | 0 | 0 | |

| Sample ID: MB-44698 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44698 | RunNo: 59808 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/9/2019 | SeqNo: 2017004 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 880 | | 1000 | | 88.3 | 73.8 | 119 | | | |

| Sample ID: LCS-44698 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44698 | RunNo: 59808 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/9/2019 | SeqNo: 2017005 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 21 | 5.0 | 25.00 | 0 | 86.0 | 80.1 | 123 | | | |
| Surr: BFB | 1000 | | 1000 | | 100 | 73.8 | 119 | | | |

| Sample ID: 1905003-138AMS | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-089 | Batch ID: 44698 | RunNo: 59808 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/9/2019 | SeqNo: 2017007 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 22 | 5.3 | 26.61 | 0 | 81.8 | 69.1 | 142 | | | |
| Surr: BFB | 1100 | | 1064 | | 101 | 73.8 | 119 | | | |

| Sample ID: 1905003-138AMSD | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-089 | Batch ID: 44698 | RunNo: 59808 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/9/2019 | SeqNo: 2017008 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1905003

14-May-19

Client: Enduring Resources

Project: NEU 315H

| Sample ID: 1905003-138AMSD | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-089 | Batch ID: 44698 | RunNo: 59808 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/9/2019 | SeqNo: 2017008 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 22 | 5.4 | 26.77 | 0 | 83.1 | 69.1 | 142 | 2.14 | 20 | |
| Surr: BFB | 1100 | | 1071 | | 102 | 73.8 | 119 | 0 | 0 | |

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003**

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: LCS-44653 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: LCSS | Batch ID: 44653 | RunNo: 59586 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009470 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.89 | 0.025 | 1.000 | 0 | 88.9 | 80 | 120 | | | |
| Toluene | 0.92 | 0.050 | 1.000 | 0 | 92.4 | 80 | 120 | | | |
| Ethylbenzene | 0.92 | 0.050 | 1.000 | 0 | 92.1 | 80 | 120 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 92.3 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 1.000 | | 91.8 | 80 | 120 | | | |

| Sample ID: MB-44653 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: PBS | Batch ID: 44653 | RunNo: 59586 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009471 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.90 | | 1.000 | | 90.0 | 80 | 120 | | | |

| Sample ID: 1905003-019AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|-------------------------|------|
| Client ID: SB-069-01 | Batch ID: 44661 | RunNo: 59629 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009925 | | | | | | | Units: mg/Kg-dry | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.3 | 0.029 | 1.165 | 0 | 113 | 63.9 | 127 | | | |
| Toluene | 1.5 | 0.058 | 1.165 | 0 | 130 | 69.9 | 131 | | | |
| Ethylbenzene | 1.5 | 0.058 | 1.165 | 0 | 131 | 71 | 132 | | | |
| Xylenes, Total | 4.5 | 0.12 | 3.495 | 0 | 130 | 71.8 | 131 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.165 | | 96.8 | 80 | 120 | | | |

| Sample ID: 1905003-019AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|-------------------------|------|
| Client ID: SB-069-01 | Batch ID: 44661 | RunNo: 59629 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009926 | | | | | | | Units: mg/Kg-dry | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.6 | 0.029 | 1.158 | 0 | 140 | 63.9 | 127 | 21.2 | 20 | RS |
| Toluene | 1.5 | 0.058 | 1.158 | 0 | 126 | 69.9 | 131 | 3.78 | 20 | |
| Ethylbenzene | 1.5 | 0.058 | 1.158 | 0 | 127 | 71 | 132 | 3.95 | 20 | |
| Xylenes, Total | 4.4 | 0.12 | 3.474 | 0 | 126 | 71.8 | 131 | 3.77 | 20 | |
| Surr: 4-Bromofluorobenzene | 1.2 | | 1.158 | | 102 | 80 | 120 | 0 | 0 | |

Qualifiers:

| | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003**

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: LCS-44661 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44661 | RunNo: 59629 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009945 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.87 | 0.025 | 1.000 | 0 | 87.3 | 80 | 120 | | | |
| Toluene | 0.92 | 0.050 | 1.000 | 0 | 91.7 | 80 | 120 | | | |
| Ethylbenzene | 0.94 | 0.050 | 1.000 | 0 | 94.0 | 80 | 120 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 93.2 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.98 | | 1.000 | | 98.4 | 80 | 120 | | | |

| Sample ID: MB-44661 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44661 | RunNo: 59629 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/2/2019 | SeqNo: 2009946 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.91 | | 1.000 | | 91.3 | 80 | 120 | | | |

| Sample ID: 1905003-039AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SB-029-01 | Batch ID: 44663 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010495 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.031 | 1.227 | 0 | 85.3 | 63.9 | 127 | | | |
| Toluene | 1.1 | 0.061 | 1.227 | 0.01217 | 88.0 | 69.9 | 131 | | | |
| Ethylbenzene | 1.1 | 0.061 | 1.227 | 0 | 91.7 | 71 | 132 | | | |
| Xylenes, Total | 3.4 | 0.12 | 3.682 | 0 | 91.5 | 71.8 | 131 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.227 | | 91.0 | 80 | 120 | | | |

| Sample ID: 1905003-039AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: SB-029-01 | Batch ID: 44663 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010496 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.031 | 1.242 | 0 | 83.7 | 63.9 | 127 | 0.733 | 20 | |
| Toluene | 1.1 | 0.062 | 1.242 | 0.01217 | 88.7 | 69.9 | 131 | 1.96 | 20 | |
| Ethylbenzene | 1.1 | 0.062 | 1.242 | 0 | 91.8 | 71 | 132 | 1.34 | 20 | |
| Xylenes, Total | 3.4 | 0.12 | 3.726 | 0 | 92.1 | 71.8 | 131 | 1.82 | 20 | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.242 | | 91.7 | 80 | 120 | 0 | 0 | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-058AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-007 | Batch ID: 44674 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/4/2019 | SeqNo: 2010516 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.030 | 1.189 | 0 | 94.0 | 63.9 | 127 | | | |
| Toluene | 1.2 | 0.059 | 1.189 | 0.01213 | 98.2 | 69.9 | 131 | | | |
| Ethylbenzene | 1.2 | 0.059 | 1.189 | 0.01425 | 99.9 | 71 | 132 | | | |
| Xylenes, Total | 3.6 | 0.12 | 3.568 | 0.03451 | 99.9 | 71.8 | 131 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.189 | | 88.6 | 80 | 120 | | | |

| Sample ID: 1905003-058AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-007 | Batch ID: 44674 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/4/2019 | SeqNo: 2010517 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.032 | 1.260 | 0 | 82.4 | 63.9 | 127 | 7.37 | 20 | |
| Toluene | 1.1 | 0.063 | 1.260 | 0.01213 | 85.9 | 69.9 | 131 | 7.51 | 20 | |
| Ethylbenzene | 1.1 | 0.063 | 1.260 | 0.01425 | 86.7 | 71 | 132 | 8.27 | 20 | |
| Xylenes, Total | 3.3 | 0.13 | 3.780 | 0.03451 | 87.3 | 71.8 | 131 | 7.62 | 20 | |
| Surr: 4-Bromofluorobenzene | 1.2 | | 1.260 | | 92.2 | 80 | 120 | 0 | 0 | |

| Sample ID: LCS-44663 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44663 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010539 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.88 | 0.025 | 1.000 | 0 | 87.9 | 80 | 120 | | | |
| Toluene | 0.91 | 0.050 | 1.000 | 0 | 91.3 | 80 | 120 | | | |
| Ethylbenzene | 0.91 | 0.050 | 1.000 | 0 | 90.8 | 80 | 120 | | | |
| Xylenes, Total | 2.7 | 0.10 | 3.000 | 0 | 91.2 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.93 | | 1.000 | | 93.4 | 80 | 120 | | | |

| Sample ID: LCS-44674 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44674 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/4/2019 | SeqNo: 2010540 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.86 | 0.025 | 1.000 | 0 | 85.8 | 80 | 120 | | | |
| Toluene | 0.89 | 0.050 | 1.000 | 0 | 88.9 | 80 | 120 | | | |
| Ethylbenzene | 0.89 | 0.050 | 1.000 | 0 | 89.0 | 80 | 120 | | | |
| Xylenes, Total | 2.7 | 0.10 | 3.000 | 0 | 88.8 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 1.000 | | 92.0 | 80 | 120 | | | |

Qualifiers:

| | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003**

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: MB-44663 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: PBS | Batch ID: 44663 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/1/2019 | Analysis Date: 5/3/2019 | SeqNo: 2010541 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.93 | | 1.000 | | 92.9 | 80 | 120 | | | |

| Sample ID: MB-44674 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: PBS | Batch ID: 44674 | RunNo: 59640 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/4/2019 | SeqNo: 2010542 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.90 | | 1.000 | | 89.8 | 80 | 120 | | | |

| Sample ID: LCS-44705 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: LCSS | Batch ID: 44705 | RunNo: 59659 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/7/2019 | SeqNo: 2011515 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.85 | 0.025 | 1.000 | 0 | 85.2 | 80 | 120 | | | |
| Toluene | 0.89 | 0.050 | 1.000 | 0 | 89.2 | 80 | 120 | | | |
| Ethylbenzene | 0.88 | 0.050 | 1.000 | 0 | 88.3 | 80 | 120 | | | |
| Xylenes, Total | 2.7 | 0.10 | 3.000 | 0 | 88.8 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.91 | | 1.000 | | 91.2 | 80 | 120 | | | |

| Sample ID: MB-44705 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|---------------------|------|
| Client ID: PBS | Batch ID: 44705 | RunNo: 59659 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/7/2019 | SeqNo: 2011516 | | | | | | | Units: mg/Kg | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.90 | | 1.000 | | 89.5 | 80 | 120 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-152AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-103 | Batch ID: 44705 | RunNo: 59736 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014506 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.84 | 0.027 | 1.090 | 0 | 77.5 | 63.9 | 127 | | | |
| Toluene | 0.88 | 0.054 | 1.090 | 0.01117 | 80.2 | 69.9 | 131 | | | |
| Ethylbenzene | 0.88 | 0.054 | 1.090 | 0 | 80.7 | 71 | 132 | | | |
| Xylenes, Total | 2.7 | 0.11 | 3.269 | 0 | 81.5 | 71.8 | 131 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.090 | | 99.4 | 80 | 120 | | | |

| Sample ID: 1905003-152AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|--------|----------|------|
| Client ID: SA-103 | Batch ID: 44705 | RunNo: 59736 | | | | | | | | |
| Prep Date: 5/3/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014507 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.84 | 0.027 | 1.092 | 0 | 77.1 | 63.9 | 127 | 0.306 | 20 | |
| Toluene | 0.89 | 0.055 | 1.092 | 0.01117 | 80.1 | 69.9 | 131 | 0.0261 | 20 | |
| Ethylbenzene | 0.89 | 0.055 | 1.092 | 0 | 81.8 | 71 | 132 | 1.49 | 20 | |
| Xylenes, Total | 2.7 | 0.11 | 3.275 | 0 | 82.1 | 71.8 | 131 | 0.912 | 20 | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.092 | | 98.3 | 80 | 120 | 0 | 0 | |

| Sample ID: MB-44697 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44697 | RunNo: 59737 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014726 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.87 | | 1.000 | | 87.3 | 80 | 120 | | | |

| Sample ID: LCS-44697 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44697 | RunNo: 59737 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014727 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.89 | 0.025 | 1.000 | 0 | 88.6 | 80 | 120 | | | |
| Toluene | 0.96 | 0.050 | 1.000 | 0 | 95.9 | 80 | 120 | | | |
| Ethylbenzene | 0.95 | 0.050 | 1.000 | 0 | 95.4 | 80 | 120 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 93.8 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.94 | | 1.000 | | 94.2 | 80 | 120 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-118AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-068 | Batch ID: 44697 | RunNo: 59737 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014729 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.88 | 0.027 | 1.065 | 0 | 82.6 | 63.9 | 127 | | | |
| Toluene | 0.96 | 0.053 | 1.065 | 0 | 89.8 | 69.9 | 131 | | | |
| Ethylbenzene | 0.96 | 0.053 | 1.065 | 0 | 89.8 | 71 | 132 | | | |
| Xylenes, Total | 2.8 | 0.11 | 3.195 | 0 | 88.7 | 71.8 | 131 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.065 | | 94.9 | 80 | 120 | | | |

| Sample ID: 1905003-118AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|--------------------------------|--|-------------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: SA-068 | Batch ID: 44697 | RunNo: 59737 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2014730 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.1 | 0.026 | 1.059 | 0 | 103 | 63.9 | 127 | 21.7 | 20 | R |
| Toluene | 0.96 | 0.053 | 1.059 | 0 | 90.9 | 69.9 | 131 | 0.597 | 20 | |
| Ethylbenzene | 0.95 | 0.053 | 1.059 | 0 | 89.7 | 71 | 132 | 0.615 | 20 | |
| Xylenes, Total | 2.8 | 0.11 | 3.176 | 0 | 87.6 | 71.8 | 131 | 1.90 | 20 | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.059 | | 94.3 | 80 | 120 | 0 | 0 | |

| Sample ID: MB-44698 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44698 | RunNo: 59808 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/9/2019 | SeqNo: 2017024 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.89 | | 1.000 | | 89.4 | 80 | 120 | | | |

| Sample ID: LCS-44698 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44698 | RunNo: 59808 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/9/2019 | SeqNo: 2017025 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.88 | 0.025 | 1.000 | 0 | 88.5 | 80 | 120 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 100 | 80 | 120 | | | |
| Ethylbenzene | 0.98 | 0.050 | 1.000 | 0 | 98.0 | 80 | 120 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 96.7 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.97 | | 1.000 | | 97.5 | 80 | 120 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003**

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-139AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | | |
|----------------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|-------------------------|--|
| Client ID: SA-090 | Batch ID: 44698 | RunNo: 59808 | | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/9/2019 | SeqNo: 2017028 | | | | | | | | Units: mg/Kg-dry | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Benzene | 0.80 | 0.027 | 1.074 | 0 | 74.9 | 63.9 | 127 | | | | |
| Toluene | 0.97 | 0.054 | 1.074 | 0 | 90.2 | 69.9 | 131 | | | | |
| Ethylbenzene | 0.97 | 0.054 | 1.074 | 0 | 90.0 | 71 | 132 | | | | |
| Xylenes, Total | 2.9 | 0.11 | 3.222 | 0 | 89.3 | 71.8 | 131 | | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.074 | | 101 | 80 | 120 | | | | |

| Sample ID: 1905003-139AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | | |
|-----------------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|-------|----------|-------------------------|--|
| Client ID: SA-090 | Batch ID: 44698 | RunNo: 59808 | | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/9/2019 | SeqNo: 2017029 | | | | | | | | Units: mg/Kg-dry | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual | |
| Benzene | 1.1 | 0.027 | 1.076 | 0 | 101 | 63.9 | 127 | 29.7 | 20 | R | |
| Toluene | 0.97 | 0.054 | 1.076 | 0 | 90.2 | 69.9 | 131 | 0.210 | 20 | | |
| Ethylbenzene | 0.96 | 0.054 | 1.076 | 0 | 89.1 | 71 | 132 | 0.827 | 20 | | |
| Xylenes, Total | 2.8 | 0.11 | 3.228 | 0 | 87.9 | 71.8 | 131 | 1.36 | 20 | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.076 | | 100 | 80 | 120 | 0 | 0 | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003**

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-079ams | | SampType: MS | | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | |
|----------------------------------|--------|--------------------------------|-----------|---|------|----------|-------------------------|------|----------|------|
| Client ID: SA-028 | | Batch ID: 44675 | | RunNo: 59686 | | | | | | |
| Prep Date: 5/2/2019 | | Analysis Date: 5/6/2019 | | SeqNo: 2012450 | | | Units: mg/Kg-dry | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | 1.2 | 0.055 | 1.101 | 0 | 105 | 70 | 130 | | | |
| Benzene | 1.1 | 0.028 | 1.101 | 0 | 98.3 | 68.9 | 131 | | | |
| Toluene | 1.0 | 0.055 | 1.101 | 0 | 91.7 | 64.3 | 137 | | | |
| Ethylbenzene | 1.0 | 0.055 | 1.101 | 0 | 93.0 | 70 | 130 | | | |
| Xylenes, Total | 3.1 | 0.11 | 3.302 | 0 | 93.5 | 70 | 130 | | | |
| 1,2,4-Trimethylbenzene | 0.81 | 0.055 | 1.101 | 0.01158 | 72.3 | 70 | 130 | | | |
| 1,3,5-Trimethylbenzene | 0.93 | 0.055 | 1.101 | 0 | 84.4 | 70 | 130 | | | |
| Naphthalene | 0.93 | 0.11 | 1.101 | 0 | 84.5 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.55 | | 0.5504 | | 99.1 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.53 | | 0.5504 | | 95.5 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.64 | | 0.5504 | | 115 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.51 | | 0.5504 | | 91.9 | 70 | 130 | | | |

| Sample ID: 1905003-079amsd | | SampType: MSD | | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | |
|-----------------------------------|--------|--------------------------------|-----------|---|------|----------|-------------------------|-------|----------|------|
| Client ID: SA-028 | | Batch ID: 44675 | | RunNo: 59686 | | | | | | |
| Prep Date: 5/2/2019 | | Analysis Date: 5/6/2019 | | SeqNo: 2012451 | | | Units: mg/Kg-dry | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | 1.1 | 0.057 | 1.149 | 0 | 95.1 | 70 | 130 | 5.47 | 0 | |
| Benzene | 1.0 | 0.029 | 1.149 | 0 | 89.6 | 68.9 | 131 | 4.96 | 20 | |
| Toluene | 0.99 | 0.057 | 1.149 | 0 | 86.2 | 64.3 | 137 | 1.93 | 20 | |
| Ethylbenzene | 1.0 | 0.057 | 1.149 | 0 | 87.7 | 70 | 130 | 1.55 | 0 | |
| Xylenes, Total | 3.1 | 0.11 | 3.447 | 0 | 89.1 | 70 | 130 | 0.563 | 0 | |
| 1,2,4-Trimethylbenzene | 0.80 | 0.057 | 1.149 | 0.01158 | 68.2 | 70 | 130 | 1.43 | 0 | S |
| 1,3,5-Trimethylbenzene | 0.92 | 0.057 | 1.149 | 0 | 80.1 | 70 | 130 | 1.03 | 0 | |
| Naphthalene | 0.91 | 0.11 | 1.149 | 0 | 78.9 | 70 | 130 | 2.67 | 0 | |
| Surr: 1,2-Dichloroethane-d4 | 0.56 | | 0.5745 | | 96.8 | 70 | 130 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 0.55 | | 0.5745 | | 96.0 | 70 | 130 | 0 | 0 | |
| Surr: Dibromofluoromethane | 0.64 | | 0.5745 | | 111 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 0.53 | | 0.5745 | | 91.9 | 70 | 130 | 0 | 0 | |

| Sample ID: lcs-44675 | | SampType: LCS | | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | |
|--------------------------------|--------|--------------------------------|-----------|---|------|----------|---------------------|------|----------|------|
| Client ID: LCSS | | Batch ID: 44675 | | RunNo: 59686 | | | | | | |
| Prep Date: 5/2/2019 | | Analysis Date: 5/6/2019 | | SeqNo: 2012461 | | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Methyl tert-butyl ether (MTBE) | 0.98 | 0.050 | 1.000 | 0 | 98.1 | 70 | 130 | | | |
| Benzene | 0.94 | 0.025 | 1.000 | 0 | 93.7 | 70 | 130 | | | |
| Toluene | 0.92 | 0.050 | 1.000 | 0 | 91.6 | 70 | 130 | | | |
| Ethylbenzene | 0.90 | 0.050 | 1.000 | 0 | 90.5 | 70 | 130 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1905003

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|-----------------------------|--------------------------------|-------|---|-------------|---------------------|----------|-----------|------|----------|------|
| Sample ID: ics-44675 | SampType: LCS | | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | |
| Client ID: LCSS | Batch ID: 44675 | | RunNo: 59686 | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/6/2019 | | SeqNo: 2012461 | | Units: mg/Kg | | | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 92.1 | 70 | 130 | | | |
| 1,2,4-Trimethylbenzene | 0.75 | 0.050 | 1.000 | 0 | 75.0 | 70 | 130 | | | |
| 1,3,5-Trimethylbenzene | 0.85 | 0.050 | 1.000 | 0 | 84.9 | 70 | 130 | | | |
| Naphthalene | 0.84 | 0.10 | 1.000 | 0 | 84.3 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.47 | | 0.5000 | | 94.2 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.48 | | 0.5000 | | 95.6 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.52 | | 0.5000 | | 105 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.45 | | 0.5000 | | 90.1 | 70 | 130 | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|--------------------------------|--------------------------------|-------|---|-------------|---------------------|----------|-----------|------|----------|------|
| Sample ID: mb-44675 | SampType: MBLK | | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | |
| Client ID: PBS | Batch ID: 44675 | | RunNo: 59686 | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/6/2019 | | SeqNo: 2012462 | | Units: mg/Kg | | | | | |
| Methyl tert-butyl ether (MTBE) | ND | 0.050 | | | | | | | | |
| Benzene | ND | 0.025 | | | | | | | | |
| 1,2-Dichloroethane (EDC) | ND | 0.050 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | 0.050 | | | | | | | | |
| 1,2,4-Trimethylbenzene | ND | 0.050 | | | | | | | | |
| 1,3,5-Trimethylbenzene | ND | 0.050 | | | | | | | | |
| Naphthalene | ND | 0.10 | | | | | | | | |
| 2-Methylnaphthalene | ND | 0.20 | | | | | | | | |
| 1-Methylnaphthalene | ND | 0.20 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.47 | | 0.5000 | | 93.3 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.49 | | 0.5000 | | 98.3 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.55 | | 0.5000 | | 109 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.46 | | 0.5000 | | 91.1 | 70 | 130 | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|----------------------------------|--------------------------------|-------|---|-------------|-------------------------|----------|-----------|------|----------|------|
| Sample ID: 1905003-099ams | SampType: MS | | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | |
| Client ID: SA-048 | Batch ID: 44677 | | RunNo: 59712 | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | | SeqNo: 2013380 | | Units: mg/Kg-dry | | | | | |
| Benzene | 0.99 | 0.026 | 1.045 | 0 | 95.1 | 68.9 | 131 | | | |
| Toluene | 0.97 | 0.052 | 1.045 | 0 | 92.5 | 64.3 | 137 | | | |
| Ethylbenzene | 0.98 | 0.052 | 1.045 | 0 | 94.0 | 70 | 130 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.136 | 0 | 94.9 | 70 | 130 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003**

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-099ams | SampType: MS | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-048 | Batch ID: 44677 | RunNo: 59712 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2013380 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 1,2-Dichloroethane-d4 | 0.48 | | 0.5227 | | 92.3 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.48 | | 0.5227 | | 92.0 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.56 | | 0.5227 | | 107 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.48 | | 0.5227 | | 91.7 | 70 | 130 | | | |

| Sample ID: 1905003-099amsd | SampType: MSD | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-048 | Batch ID: 44677 | RunNo: 59712 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2013381 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.95 | 0.025 | 1.016 | 0 | 93.3 | 68.9 | 131 | 4.76 | 20 | |
| Toluene | 0.92 | 0.051 | 1.016 | 0 | 90.1 | 64.3 | 137 | 5.49 | 20 | |
| Ethylbenzene | 0.93 | 0.051 | 1.016 | 0 | 91.8 | 70 | 130 | 5.24 | 0 | |
| Xylenes, Total | 2.8 | 0.10 | 3.049 | 0 | 92.1 | 70 | 130 | 5.75 | 0 | |
| Surr: 1,2-Dichloroethane-d4 | 0.47 | | 0.5081 | | 92.8 | 70 | 130 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 0.48 | | 0.5081 | | 93.7 | 70 | 130 | 0 | 0 | |
| Surr: Dibromofluoromethane | 0.57 | | 0.5081 | | 111 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 0.47 | | 0.5081 | | 91.7 | 70 | 130 | 0 | 0 | |

| Sample ID: lcs-44677 | SampType: LCS | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44677 | RunNo: 59712 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2013384 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.97 | 0.025 | 1.000 | 0 | 97.1 | 70 | 130 | | | |
| Toluene | 0.95 | 0.050 | 1.000 | 0 | 95.4 | 70 | 130 | | | |
| Ethylbenzene | 0.97 | 0.050 | 1.000 | 0 | 97.0 | 70 | 130 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 95.4 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.46 | | 0.5000 | | 92.1 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.46 | | 0.5000 | | 92.8 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.54 | | 0.5000 | | 109 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.45 | | 0.5000 | | 90.9 | 70 | 130 | | | |

| Sample ID: mb-44677 | SampType: MBLK | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44677 | RunNo: 59712 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2013385 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: mb-44677 | SampType: MBLK | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------|--------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44677 | RunNo: 59712 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2013385 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.46 | | 0.5000 | | 91.4 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.47 | | 0.5000 | | 94.3 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.54 | | 0.5000 | | 108 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.45 | | 0.5000 | | 89.6 | 70 | 130 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905003**

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|--------|-----|-----------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: 100ng lcs SampType: LCS TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | | | |
| Client ID: LCSW Batch ID: SL59712 RunNo: 59712 | | | | | | | | | | |
| Prep Date: Analysis Date: 5/7/2019 SeqNo: 2013360 Units: µg/L | | | | | | | | | | |
| Benzene | 21 | 1.0 | 20.00 | 0 | 103 | 70 | 130 | | | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 93.9 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.9 | | 10.00 | | 99.0 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.5 | | 10.00 | | 94.9 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 12 | | 10.00 | | 115 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.2 | | 10.00 | | 91.6 | 70 | 130 | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|--|--------|-----|-----------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: 1905003-168a ms SampType: MS TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | | | |
| Client ID: RB-042919 Batch ID: SL59712 RunNo: 59712 | | | | | | | | | | |
| Prep Date: Analysis Date: 5/7/2019 SeqNo: 2013362 Units: µg/L | | | | | | | | | | |
| Benzene | 17 | 1.0 | 20.00 | 0 | 85.1 | 70 | 130 | | | |
| Toluene | 16 | 1.0 | 20.00 | 0 | 78.4 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.6 | | 10.00 | | 96.0 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.6 | | 10.00 | | 95.5 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 11 | | 10.00 | | 110 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.0 | | 10.00 | | 90.0 | 70 | 130 | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|--|--------|-----|-----------|-------------|------|----------|-----------|-------|----------|------|
| Sample ID: 1905003-168a msd SampType: MSD TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | | | |
| Client ID: RB-042919 Batch ID: SL59712 RunNo: 59712 | | | | | | | | | | |
| Prep Date: Analysis Date: 5/7/2019 SeqNo: 2013363 Units: µg/L | | | | | | | | | | |
| Benzene | 17 | 1.0 | 20.00 | 0 | 85.8 | 70 | 130 | 0.812 | 20 | |
| Toluene | 15 | 1.0 | 20.00 | 0 | 77.1 | 70 | 130 | 1.67 | 20 | |
| Surr: 1,2-Dichloroethane-d4 | 9.5 | | 10.00 | | 94.7 | 70 | 130 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 9.5 | | 10.00 | | 95.5 | 70 | 130 | 0 | 0 | |
| Surr: Dibromofluoromethane | 11 | | 10.00 | | 107 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 8.9 | | 10.00 | | 89.1 | 70 | 130 | 0 | 0 | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|--------|-----|-----------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: rb SampType: MBLK TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | | | |
| Client ID: PBW Batch ID: SL59712 RunNo: 59712 | | | | | | | | | | |
| Prep Date: Analysis Date: 5/7/2019 SeqNo: 2013368 Units: µg/L | | | | | | | | | | |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORTWO#: **1905003****Hall Environmental Analysis Laboratory, Inc.****14-May-19****Client:** Enduring Resources**Project:** NEU 315H

| Sample ID: rb | SampType: MBLK | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|-----------------------------|--------------------------------|--|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: SL59712 | RunNo: 59712 | | | | | | | | |
| Prep Date: | Analysis Date: 5/7/2019 | SeqNo: 2013368 | | | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 1,2-Dichloroethane-d4 | 9.4 | | 10.00 | | 93.8 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.8 | | 10.00 | | 97.6 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 11 | | 10.00 | | 109 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.4 | | 10.00 | | 94.2 | 70 | 130 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1905003

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-078ams | SampType: MS | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------------|---|-----------|-------------|-------------------------|----------|-----------|------|----------|------|
| Client ID: SA-027 | Batch ID: 44675 | RunNo: 59686 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/6/2019 | SeqNo: 2012465 | | | Units: mg/Kg-dry | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25 | 5.7 | 28.37 | 0 | 88.2 | 68.2 | 135 | | | |
| Surr: BFB | 610 | | 567.4 | | 107 | 70 | 130 | | | |

| Sample ID: 1905003-078amsd | SampType: MSD | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-----------|-------------|-------------------------|----------|-----------|-------|----------|------|
| Client ID: SA-027 | Batch ID: 44675 | RunNo: 59686 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/6/2019 | SeqNo: 2012466 | | | Units: mg/Kg-dry | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25 | 5.7 | 28.43 | 0 | 87.8 | 68.2 | 135 | 0.255 | 20 | |
| Surr: BFB | 620 | | 568.5 | | 109 | 70 | 130 | 0 | 0 | |

| Sample ID: lcs-44675 | SampType: LCS | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44675 | RunNo: 59686 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/6/2019 | SeqNo: 2012477 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 26 | 5.0 | 25.00 | 0 | 103 | 70 | 130 | | | |
| Surr: BFB | 540 | | 500.0 | | 108 | 70 | 130 | | | |

| Sample ID: mb-44675 | SampType: MBLK | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44675 | RunNo: 59686 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/6/2019 | SeqNo: 2012478 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 540 | | 500.0 | | 108 | 70 | 130 | | | |

| Sample ID: 1905003-098ams | SampType: MS | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------------|---|-----------|-------------|-------------------------|----------|-----------|------|----------|------|
| Client ID: SA-047 | Batch ID: 44677 | RunNo: 59712 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2013402 | | | Units: mg/Kg-dry | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.4 | 27.23 | 0 | 88.2 | 68.2 | 135 | | | |
| Surr: BFB | 590 | | 544.7 | | 108 | 70 | 130 | | | |

| Sample ID: 1905003-098amsd | SampType: MSD | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-----------|-------------|-------------------------|----------|-----------|------|----------|------|
| Client ID: SA-047 | Batch ID: 44677 | RunNo: 59712 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2013403 | | | Units: mg/Kg-dry | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORTWO#: **1905003****Hall Environmental Analysis Laboratory, Inc.**

14-May-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: 1905003-098amsd | SampType: MSD | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-047 | Batch ID: 44677 | RunNo: 59712 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2013403 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23 | 5.5 | 27.75 | 0 | 84.6 | 68.2 | 135 | 2.35 | 20 | |
| Surr: BFB | 600 | | 554.9 | | 108 | 70 | 130 | 0 | 0 | |

| Sample ID: lcs-44677 | SampType: LCS | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44677 | RunNo: 59712 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2013407 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23 | 5.0 | 25.00 | 0 | 93.1 | 70 | 130 | | | |
| Surr: BFB | 540 | | 500.0 | | 108 | 70 | 130 | | | |

| Sample ID: mb-44677 | SampType: MBLK | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44677 | RunNo: 59712 | | | | | | | | |
| Prep Date: 5/2/2019 | Analysis Date: 5/8/2019 | SeqNo: 2013408 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 540 | | 500.0 | | 108 | 70 | 130 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallevironmental.com

Sample Log-In Check List

Client Name: ENDURING RESOURCE

Work Order Number: 1905003

RcptNo: 1

Received By: Jevon Campisi 5/1/2019 8:25:00 AM

Jevon Campisi

Completed By: Erin Melendrez 5/1/2019 8:57:59 AM

Erin Melendrez

Reviewed By: YG 5/1/19
LB: TO 05/01/19

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. VOA vials have zero headspace? Yes [] No [] No VOA Vials [checked]
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes [checked] No []

of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: TO 5/1/19

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: _____ Date: _____
By Whom: _____ Via: [] eMail [] Phone [] Fax [] In Person
Regarding: _____
Client Instructions: _____

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Rows 1-4.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENDURING RESOURCE**

Work Order Number: **1905003**

RcptNo: 1

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 5 | 3.5 | Good | Yes | | | |

PAGE 2 of 15

Chain-of-Custody Record

Client: Enduring Resources
 Mailing Address: James McDaniel
200 Energy Ct
Farmington, NM 87401
 Phone #: 505-686-9731
 email or Fax#: jmcdaniel@tenu.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) PDF

Turn-Around Time:
 Standard Rush
 Project Name: NEU #315H
 Project #: 077919003

Project Manager:
James - Enduring
Ashley - LTE
 Sampler: JAY/DB
 On Ice: Yes No
 # of Coolers: 5
 Cooler Temp (including CF): 1.9d 2.1c 2.5c 3.3/3.6c

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------|------|--------|-------------|----------------------|-------------------|----------|
| 4-30-19 | 1135 | Soil | SB-081-01 | 1)402 | Cool | 1905003 |
| | 1150 | | SB-079-01 | | | -013 |
| | 1210 | | SB-077-01 | | | -014 |
| | 1225 | | SB-075-01 | | | -015 |
| | 1300 | | SB-073-01 | | | -016 |
| | 1315 | | SB-071-01 | | | -017 |
| | 1325 | | SB-069-01 | | | -018 |
| | 1335 | | SB-067-01 | | | -019 |
| | 1345 | | SB-065-01 | | | -020 |
| | 1355 | | SB-063-01 | | | -021 |
| | 1400 | | SB-061-01 | | | -022 |
| | 1412 | | SB-059-01 | | | -023 |
| | | | | | | -024 |

Date: 4-30-19 Time: 12:03 Relinquished by: Caiti McDaniel
 Date: 4-30-19 Time: 15:15 Relinquished by: Caiti McDaniel
 Received by: Caiti McDaniel Date: 4-30-19 Time: 12:03
 Received by: Andrew Date: 4/30/19 Time: 15:15



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

| Analysis Request | |
|--|---|
| BTEX / MTBE / TMB's (8021) | X |
| TPH:8015D(GRO / DRO / MRO) | X |
| 8081 Pesticides/8082 PCB's | |
| EDB (Method 504.1) | |
| PAHs by 8310 or 8270SIMS | |
| RCRA 8 Metals | |
| Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | X |
| 8260 (VOA) | |
| 8270 (Semi-VOA) | |
| Total Coliform (Present/Absent) | |

Remarks: Report on dry weight basis
cc: dburns@tenu.com
(CF=-0.1) Corrected Temps 1.8c, 2.0c, 2.4c, 3.2c, 3.3c
 If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
 4/30/19 2016 Andrew 5-1-19 8:25

Chain-of-Custody Record

Client: Enduring Resources
 Mailing Address: James McDaniel
200 Energy Ct
Formington, NM 87401
 Phone #: 505-636-9731

email or Fax#: James.McDaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) PDF

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------|------|--------|-------------|----------------------|-------------------|----------|
| 4-30-19 | 1418 | soil | SB-057-01 | (1) 402 | cool | 1905003 |
| | 1428 | | SB-055-01 | | | -025 |
| | 1435 | | SB-053-01 | | | -026 |
| | 1448 | | SB-051-01 | | | -027 |
| | 1458 | | SB-049-01 | | | -028 |
| | 1459 | | SB-047-01 | | | -029 |
| | 1512 | | SB-045-01 | | | -030 |
| | 1515 | | SB-043-01 | | | -031 |
| | 1517 | | SB-041-01 | | | -032 |
| | 1524 | | SB-039-01 | | | -033 |
| | 1521 | | SB-037-01 | | | -034 |
| | 1530 | | SB-035-01 | | | -035 |
| | | | | | | -036 |

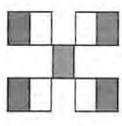
Date: 4-30-19 Time: 12:03
 Relinquished by: [Signature]
 Date: 4-30-19 Time: 15:15
 Relinquished by: Caitlyn Meas

Turn-Around Time:
 Standard Rush
 Project Name: NEU # 3154
 Project #: 077919003

Project Manager:
James - Enduring
Ashley - LTE
 Sampler: JA/DB
 On Ice: Yes No
 # of Coolers: 5

| Container Type and # | Preservative Type | HEAL No. |
|----------------------|-------------------|----------|
| (1) 402 | cool | 1905003 |
| | | -025 |
| | | -026 |
| | | -027 |
| | | -028 |
| | | -029 |
| | | -030 |
| | | -031 |
| | | -032 |
| | | -033 |
| | | -034 |
| | | -035 |
| | | -036 |

Received by: Caitlyn Meas Date: 4-30-19 Time: 12:03
 Received by: Christ Walk Date: 4/30/19 Time: 15:15



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

| Analysis Request | |
|---|--|
| <input checked="" type="checkbox"/> BTX / MTBE / TMS (8021) | |
| <input checked="" type="checkbox"/> TPH:8015D(GRO / DRO / MRO) | |
| <input checked="" type="checkbox"/> 8081 Pesticides/8082 PCBs | |
| <input checked="" type="checkbox"/> EDB (Method 504.1) | |
| <input checked="" type="checkbox"/> PAHs by 8310 or 8270SIMS | |
| <input checked="" type="checkbox"/> RCRA 8 Metals | |
| <input checked="" type="checkbox"/> Cl ⁻ , Br ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ | |
| <input checked="" type="checkbox"/> 8260 (VOA) | |
| <input checked="" type="checkbox"/> 8270 (Semi-VOA) | |
| <input checked="" type="checkbox"/> Total Coliform (Present/Absent) | |

Remarks: Report on dry weight basis
cc: dburns@terrv.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
 4/30/19 2010 Christ Walk

PAGE 4 of 15

Chain-of-Custody Record

Client: Enduring Resources
 James McDaniel
 Mailing Address: 200 Energy Ct
Farmington NM 87401
 Phone #: 505-636-9731

email or Fax#: vmcdaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) PDF

Turn-Around Time:
 Standard Rush
 Project Name:
NEU # 315
 Project #:
077919003

Project Manager:
James - Enduring
Ashley - LTF
 Sampler: JA/DB
 On Ice: Yes No
 # of Coolers: 5
 Cooler Temp (including CFI): 19°/21°/25°/33°/36°

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------|------|--------|-------------|----------------------|-------------------|----------|
| 4-29-19 | 1546 | soil | SB-033-01 | (1) 4oz | cool | 1905003 |
| | 1543 | | SB-031-01 | | | -037 |
| | 1550 | | SB-029-01 | | | -038 |
| | 1555 | | SB-027-01 | | | -039 |
| | 1556 | | SB-025-01 | | | -040 |
| | 1600 | | SB-023-01 | | | -041 |
| | 1602 | | SB-021-01 | | | -042 |
| | 1604 | | SB-019-01 | | | -043 |
| | 1620 | | SB-017-01 | | | -044 |
| | 1623 | | SB-015-01 | | | -045 |
| | 1625 | | SB-013-01 | | | -046 |
| | 1650 | | SB-001-01 | | | -047 |
| | | | | | | -048 |

Date: 4-30-19 Time: 12:03
 Relinquished by: [Signature]
 Received by: [Signature] Via: [Signature]
 Date: 4-30-19 Time: 15:15
 Relinquished by: [Signature]
 Received by: [Signature] Via: [Signature]



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

| Analysis Request | |
|--|-------------------------------------|
| BTEX / MTBE / TMB's (8021) | <input checked="" type="checkbox"/> |
| TPH:8015D(GRO / DRO / MRO) | <input checked="" type="checkbox"/> |
| 8081 Pesticides/8082 PCBs | <input checked="" type="checkbox"/> |
| EDB (Method 504.1) | <input checked="" type="checkbox"/> |
| PAHs by 8310 or 8270SIMS | <input checked="" type="checkbox"/> |
| RCRA 8 Metals | <input checked="" type="checkbox"/> |
| Cl, F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | <input checked="" type="checkbox"/> |
| 8260 (VOA) | <input checked="" type="checkbox"/> |
| 8270 (Semi-VOA) | <input checked="" type="checkbox"/> |
| Total Coliform (Present/Absent) | <input type="checkbox"/> |

Remarks: Report on dry weight basis
cc: dbarns@henv.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.
 4/30/19 2010 [Signature]

PAGE 5 of 15

Chain-of-Custody Record

Client: Enduring Resources
 Mailing Address: James McDaniel
200 Energy et.
Farmington, NM 87401
 Phone #: 505-636-9731
 email or Fax#: jmcDaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance Other
 NELAC Other
 EDD (Type) PDF

Turn-Around Time:
 Standard Rush
 Project Name: NEU #315H
 Project #: 077919003

Project Manager:
James - Enduring
Ashley - LTE
 Sampler: JA/PB/EC/MM/TS/CM
 On Ice: Yes No
 # of Coolers: 5
 Cooler Temp (including CF): 19°/21°/21°/25°/3.3°/3.6°

Container Type and # (1) 462 Preservative Type cool HEAL No. 1905003
 Date Time Matrix Sample Name
4/30/19 1655 5011 SB-002-01
1745 SB-104-01
1300 SB-Pit-01
1400 SB-Pit-07
1526 SB-A
1604 SB-B
1505 SA-001
1503 SA-002
1652 SA-006
1656 SA-007
1507 SA-008
1700 SA-009

Received by: Chad Ward Date Time 4/30/19 1515
 Received by: [Signature] Date Time 5-1-19 8:25



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

| Analysis Request | |
|---|---|
| BTEX / MTBE / TMS (8021) | X |
| TPH:8015D(GRO / DRO / MRO) | X |
| 8081 Pesticides/8082 PCBs | |
| EDB (Method 504.1) | |
| PAHs by 8310 or 8270SIMS | |
| RCRA 8 Metals | |
| Cl ⁻ , Br ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ | X |
| 8260 (VOA) | |
| 8270 (Semi-VOA) | |
| Total Coliform (Present/Absent) | |

Remarks: Report on dry weight basis
cc: dburns@ltenv.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Chain-of-Custody Record

Client: Enduring Resources
 Project Name: James McDaniel
 Mailing Address: 200 Energy Ct
Farmington, NM 87401
 Phone #: 505-636-9731
 email or Fax#: JamesMcDaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance Other
 NELAC Other
 EDD (Type) PDF

PAGE 6 of 15

Turn-Around Time:
 Standard Rush
 Project Name: NEU # 315H
 Project #: 077919003
 Project Manager: James - Enduring
Ashley - LTE
 Sampler: CM/JAM/TS/EC
 On Ice: Yes No
 # of Coolers: 5
 Cooler Temp (including CF): 1.9°/21°/25°/33°/36°
 Container Type and # 4oz jar
 Preservative Type COOL
 HEAL No. 1905003

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------|------|--------|-------------|----------------------|-------------------|----------|
| 4/29/19 | 1650 | S | SA-010 | 4oz jar | COOL | -061 |
| | 1510 | | SA-011 | | | -062 |
| | 1506 | | SA-012 | | | -063 |
| | 1647 | | SA-013 | | | -064 |
| | 1640 | | SA-014 | | | -065 |
| | 1653 | | SA-015 | | | -066 |
| | 1656 | | SA-016 | | | -067 |
| | 1634 | | SA-017 | | | -068 |
| | 1643 | | SA-018 | | | -069 |
| | 1608 | | SA-019 | | | -070 |
| | 1607 | | SA-020 | | | -071 |
| | 1620 | | SA-021 | | | -072 |

Received by: Christy Moore Date: 4/30/19 Time: 1518
 Relinquished by: Christy Moore
 Received by: J. C. Date: 5-1-19 Time: 8:25
 Relinquished by: Christy Moore



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

| Analysis Request | | | | | | | | | | | | | | | | | | | |
|--------------------------|---|----------------------------|---|---------------------------|--|--------------------|--|--------------------------|--|---------------|--|--|--|------------|--|-----------------|--|---------------------------------|--|
| BTEX / MTBE / TMS (6021) | X | TPH:8015D(GRO / DRO / MRO) | X | 8081 Pesticides/8082 PCBs | | EDB (Method 504.1) | | PAHs by 8310 or 8270SIMS | | RCRA 8 Metals | | Cl ⁻ , Br ⁻ , NO ₃ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ | | 8260 (VOA) | | 8270 (Semi-VOA) | | Total Coliform (Present/Absent) | |

Remarks: Report on a dry weight basis
CC: dturns@itemv.com

PAGE 7 of 15

Chain-of-Custody Record

Client: Enduring Resources
 James McDaniel
 Mailing Address: 200 Energy Ct.
Farmington NM 87401
 Phone #: 505-636-9731

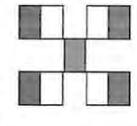
email or Fax#: jimcdaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) PDE

Turn-Around Time:
 Standard Rush
 Project Name: NEU # 315H
 Project #: 077919003

Project Manager:
James - Enduring
Ashley - LTE
 Sampler: CW/MM/TS/FC
 On Ice: Yes No
 # of Coolers: 5
 Cooler Temp (including CF): 1.9°/2.1°/2.5°/3.3°/3.6°

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|----------|------|--------|-------------|----------------------|-------------------|----------|
| 04/23/19 | 1559 | S | SA-022 | 402 Jar | Cool | 1905003 |
| | 1556 | | SA-023 | | | -073 |
| | 1555 | | SA-024 | | | -074 |
| | 1550 | | SA-025 | | | -075 |
| | 1548 | | SA-026 | | | -076 |
| | 1541 | | SA-027 | | | -077 |
| | 1539 | | SA-028 | | | -078 |
| | 1537 | | SA-029 | | | -079 |
| | 1536 | | SA-030 | | | -080 |
| | 1533 | | SA-031 | | | -081 |
| | 1527 | | SA-032 | | | -082 |
| | | | SA-033 | | | -083 |
| | | | | | | -084 |

Date: 4-30-19 Time: 15:15 Relinquished by: Caitey McDaniel
 Date: 4/30/19 Time: 20:10 Relinquished by: Christie Wamb
 Received by: Christie Wamb Date: 4/30/19 Time: 15:18
 Received by: Carrier Date: 5-1-19 Time: 8:25



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| | |
|--|-------------------------------------|
| <input checked="" type="checkbox"/> BTEX / MTBE / TMBs (6021) | <input checked="" type="checkbox"/> |
| TPH:8015D(GRO / DRO / MRO) | <input checked="" type="checkbox"/> |
| 8081 Pesticides/8082 PCBs | <input type="checkbox"/> |
| EDB (Method 504.1) | <input type="checkbox"/> |
| PAHs by 8310 or 8270SIMS | <input type="checkbox"/> |
| RCRA 8 Metals | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Cl ⁻ , Br ⁻ , NO ₃ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ | <input checked="" type="checkbox"/> |
| 8260 (VOA) | <input type="checkbox"/> |
| 8270 (Semi-VOA) | <input type="checkbox"/> |
| Total Coliform (Present/Absent) | <input type="checkbox"/> |

Remarks: Report on a dry weight basis
CC: dbarns@tenv.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

PAGE 12 of 15

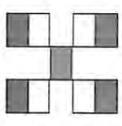
Chain-of-Custody Record

Client: Enduring Resources
 James McDaniel
 Mailing Address: 300 Energy Ct.
Farmington, NM 87401
 Phone #: 505-636-9731
 email or Fax#: James@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance Other
 NELAC Other
 EDD (Type) PDF

Turn-Around Time:
 Standard Rush
 Project Name: NEU #315H
 Project #: 07919003
 Project Manager:
James - Enduring
Ashley - LTE
 Sampler: CM/JTS/MM/EC
 On Ice: Yes No
 # of Coolers: 5
 Cooler Temp (including cF): 1.98/2.12/2.58/3.32/3.68

Container Type and # (1) 402 Preservative Type cool HEAL No. 1905003
 Date 4-20-19 Time 11:20 Sample Name SA-084 HEAL No. -133
1058 SA-085 HEAL No. -134
1100 SA-086 HEAL No. -135
1046 SA-087 HEAL No. -136
1032 SA-088 HEAL No. -137
1034 SA-089 HEAL No. -138
1022 SA-090 HEAL No. -139
1007 SA-091 HEAL No. -140
1008 SA-092 HEAL No. -141
0955 SA-093 HEAL No. -142
0941 SA-094 HEAL No. -143
0948 SA-095 HEAL No. -144

Relinquished by: Christina Moore Date: 4-20-19 Time: 15:15
 Relinquished by: Christina Moore Date: 4-20-19 Time: 20:10
 Received by: Christina Moore Date: 5-1-19 Time: 8:25
 Received by: Carrier Date: 5-1-19 Time: 8:25



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

| Analysis Request | |
|---------------------------------|---|
| BTEX / MTBE / TMB's (8021) | X |
| TPH:8015D(GRO / DRO / MRO) | X |
| 8081 Pesticides/8082 PCBs | X |
| EDB (Method 504.1) | X |
| PAHs by 8310 or 8270SIMS | X |
| RCRA 8 Metals | X |
| C1, F, B, NO2, NO3, PO4, SO4 | X |
| 8260 (VOA) | X |
| 8270 (Semi-VOA) | X |
| Total Coliform (Present/Absent) | |

Remarks: Report on dry weight basis
CC: dbarns@tenv.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

PAGE 13 of 15

Chain-of-Custody Record

Client: Enduring Resources
 James McDaniel
 Mailing Address: 900 Energy Ct.
Farmington, NM 87401
 Phone #: 505-836-9731
 email or Fax#: j.mcdaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) PDF

Turn-Around Time:
 Standard Rush
 Project Name: NEU #315H
 Project #: 077919003

Project Manager:
James - Enduring
Ashley - LTF
 Sampler: FA EC/MMJ CM/TS
 On Ice: Yes No
 # of Coolers: 5
 Cooler Temp (including CF): 1.9°/2.2°/2.5°/3.3°/3.6°

Container Type and #
402 Jar
 Preservative Type
COOL
 HEAL No.
1905003
 Date
4-29-19
 Time
0926
 Matrix
Soil
 Sample Name
SA-096
SA-097
SA-098
SA-099
SA-100
SA-101
SA-102
SA-103
SA-104
SA-A
SA-B
SA-C
 Relinquished by:
Caitlyn Moore
 Date:
4-30-19
 Time:
15:15
 Relinquished by:
Joshua Wade
 Date:
4/30/19
 Time:
7:10

Received by:
Joshua Wade
 Date:
4/30/19
 Time:
15:15
 Via:
Carrier
 Received by:
J.C.
 Date:
5-1-19
 Time:
8:25

HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| | | |
|-------------------------------------|--|-------------------------------------|
| <input checked="" type="checkbox"/> | BTEX / MTBE / TMB's (8021) | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | TPH:8015D(GRO / DRO / MRO) | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | 8081 Pesticides/8082 PCBs | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | EDB (Method 504.1) | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | PAHs by 8310 or 8270SIMS | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | RCA 8 Metals | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | CIT: BT, NO ₂ , NO ₃ , PO ₄ , SO ₄ | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | 8260 (VOA) | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | 8270 (Semi-VOA) | <input checked="" type="checkbox"/> |
| <input checked="" type="checkbox"/> | Total Coliform (Present/Absent) | <input checked="" type="checkbox"/> |

Remarks:

Report on dry weight basis
cc: dburns@tenv.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

PAGE 14 of 15

Chain-of-Custody Record

Client: Enduring Resources
 James McDaniel
 Mailing Address: 200 Energy Ct.
Farmington, NM 87401
 Phone #: 505-636-9731

email or Fax#: jmcdaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) PDF

Turn-Around Time:
 Standard Rush
 Project Name: NEU #315H
 Project #: 077919003

Project Manager:
James - Enduring
Ashley - LTE
 Sampler: TS/CW/MM/EC
 On Ice: Yes No
 # of Coolers: 5
 Cooler Temp (including CF): 1.9°/2.1°/2.5°/3.3°/3.6°

Container Type and # (1) 4oz Preservative Type cool HEAL No. 1905003
-157
-158
-159
-160

| Analysis Request | |
|--|---|
| BTEX / MTBE / TMBs (9021) | X |
| TPH:8015D(GRO / DRO / MRO) | X |
| 8081 Pesticides/8082 PCBs | |
| EDB (Method 504.1) | |
| PAHs by 8310 or 8270SIMS | |
| RCRA 8 Metals | |
| Cl ⁻ , Br ⁻ , NO ₃ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ | X |
| 8260 (VOA) | |
| 8270 (Semi-VOA) | |
| Total Coliform (Present/Absent) | |

Received by: Christina Date: 4/30/19 Time: 15:15
 Received by: Carrier Date: 5-1-19 Time: 8:25
 Relinquished by: Christina Date: 4/30/19 Time: 15:15
 Relinquished by: Christina Date: 4/30/19 Time: 15:15

Remarks: Report on dry weight basis
CC: dbarns@benk.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

PAGE 15 of 15

Chain-of-Custody Record

Client: Enduring Resources
 James McDaniel
 Mailing Address: 200 Energy Ct.
Edmonton, NM 87401
 Phone #: 505-636-9731

email or Fax#: jmcdaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) IDE

Turn-Around Time:
 Standard Rush
 Project Name: NEU #315A
 Project #: 07799003

Project Manager:
James - Enduring
Ashley - LTE

Sampler:
 On Ice: Yes No
 # of Coolers: 5
 Cooler Temp (including CF): 1.9/2.1/2.5/3.3/3.6/
 Container Type and # 1 4oz
 Preservative Type Cool
 HEAL No. 1905003
 Date 4/29 Time 11:12 Matrix Soil Sample Name GR-01
11:18 Soil GR-02
11:20 Soil GR-03
11:24 Soil GR-04
11:26 Soil GR-05
11:28 Soil GR-06
11:30 Soil GR-07
15:48 Aqueous RB-042919
17:35 Aqueous FB-042919
17:46 Aqueous Trip Blank A
17:41 Aqueous Trip Blank B
17:42 Aqueous Trip Blank C

Received by: Christy M... Date 4/30/19 Time 15:15
 Via: Wheat
 Received by: XC Date 5-1-19 Time 8:28
 Via: Courier



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

| Analysis Request | |
|---|--|
| <input checked="" type="checkbox"/> BTEX / MTBE / TMBs (6021) | |
| <input checked="" type="checkbox"/> TPH:8015D(GRO / DRO / MRO) | |
| <input type="checkbox"/> 8081 Pesticides/8082 PCBs | |
| <input type="checkbox"/> EDB (Method 504.1) | |
| <input type="checkbox"/> PAHs by 8310 or 8270SIMS | |
| <input type="checkbox"/> RCRA 8 Metals | |
| <input checked="" type="checkbox"/> Cl ⁻ , Br ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ | |
| <input type="checkbox"/> 8260 (VOA) | |
| <input type="checkbox"/> 8270 (Semi-VOA) | |
| <input type="checkbox"/> Total Coliform (Present/Absent) | |

Remarks: Report on a dry weight basis
CC: dburns@tenv.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

May 17, 2019

James McDaniel
Enduring Resources
332 Road 3100
Aztec, NM 87140
TEL:
FAX

RE: NEU #315

OrderNo.: 1905494

Dear James McDaniel:

Hall Environmental Analysis Laboratory received 7 sample(s) on 5/9/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **1905494**

Date Reported: **5/17/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-003

Project: NEU #315

Collection Date: 5/8/2019 10:45:00 AM

Lab ID: 1905494-001

Matrix: SOIL

Received Date: 5/9/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 5/10/2019 4:32:00 PM | R59848 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 5/13/2019 4:09:10 PM | 44872 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 5/13/2019 7:35:32 PM | 44855 |
| Motor Oil Range Organics (MRO) | ND | 60 | | mg/Kg-dr | 1 | 5/13/2019 7:35:32 PM | 44855 |
| Surr: DNOP | 71.9 | 70-130 | | %Rec | 1 | 5/13/2019 7:35:32 PM | 44855 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.0 | | mg/Kg-dr | 1 | 5/13/2019 11:14:11 PM | 44846 |
| Surr: BFB | 93.6 | 73.8-119 | | %Rec | 1 | 5/13/2019 11:14:11 PM | 44846 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 5/13/2019 11:14:11 PM | 44846 |
| Toluene | ND | 0.060 | | mg/Kg-dr | 1 | 5/13/2019 11:14:11 PM | 44846 |
| Ethylbenzene | ND | 0.060 | | mg/Kg-dr | 1 | 5/13/2019 11:14:11 PM | 44846 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 5/13/2019 11:14:11 PM | 44846 |
| Surr: 4-Bromofluorobenzene | 90.9 | 80-120 | | %Rec | 1 | 5/13/2019 11:14:11 PM | 44846 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1905494

Date Reported: 5/17/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-004

Project: NEU #315

Collection Date: 5/8/2019 10:38:00 AM

Lab ID: 1905494-002

Matrix: SOIL

Received Date: 5/9/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 28 | 1.0 | | wt% | 1 | 5/10/2019 4:32:00 PM | R59848 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 83 | | mg/Kg-dr | 20 | 5/13/2019 4:21:35 PM | 44872 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg-dr | 1 | 5/15/2019 7:54:41 PM | 44855 |
| Motor Oil Range Organics (MRO) | ND | 67 | | mg/Kg-dr | 1 | 5/15/2019 7:54:41 PM | 44855 |
| Surr: DNOP | 108 | 70-130 | | %Rec | 1 | 5/15/2019 7:54:41 PM | 44855 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.7 | | mg/Kg-dr | 1 | 5/14/2019 12:24:00 AM | 44846 |
| Surr: BFB | 94.8 | 73.8-119 | | %Rec | 1 | 5/14/2019 12:24:00 AM | 44846 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.033 | | mg/Kg-dr | 1 | 5/14/2019 12:24:00 AM | 44846 |
| Toluene | ND | 0.067 | | mg/Kg-dr | 1 | 5/14/2019 12:24:00 AM | 44846 |
| Ethylbenzene | ND | 0.067 | | mg/Kg-dr | 1 | 5/14/2019 12:24:00 AM | 44846 |
| Xylenes, Total | ND | 0.13 | | mg/Kg-dr | 1 | 5/14/2019 12:24:00 AM | 44846 |
| Surr: 4-Bromofluorobenzene | 89.8 | 80-120 | | %Rec | 1 | 5/14/2019 12:24:00 AM | 44846 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905494

Date Reported: 5/17/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-005

Project: NEU #315

Collection Date: 5/8/2019 10:32:00 AM

Lab ID: 1905494-003

Matrix: SOIL

Received Date: 5/9/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 24 | 1.0 | | wt% | 1 | 5/10/2019 4:32:00 PM | R59848 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 79 | | mg/Kg-dr | 20 | 5/13/2019 4:33:59 PM | 44872 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg-dr | 1 | 5/13/2019 8:24:49 PM | 44855 |
| Motor Oil Range Organics (MRO) | ND | 65 | | mg/Kg-dr | 1 | 5/13/2019 8:24:49 PM | 44855 |
| Surr: DNOP | 71.3 | 70-130 | | %Rec | 1 | 5/13/2019 8:24:49 PM | 44855 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.4 | | mg/Kg-dr | 1 | 5/14/2019 1:33:48 AM | 44846 |
| Surr: BFB | 94.1 | 73.8-119 | | %Rec | 1 | 5/14/2019 1:33:48 AM | 44846 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.032 | | mg/Kg-dr | 1 | 5/14/2019 1:33:48 AM | 44846 |
| Toluene | ND | 0.064 | | mg/Kg-dr | 1 | 5/14/2019 1:33:48 AM | 44846 |
| Ethylbenzene | ND | 0.064 | | mg/Kg-dr | 1 | 5/14/2019 1:33:48 AM | 44846 |
| Xylenes, Total | ND | 0.13 | | mg/Kg-dr | 1 | 5/14/2019 1:33:48 AM | 44846 |
| Surr: 4-Bromofluorobenzene | 90.7 | 80-120 | | %Rec | 1 | 5/14/2019 1:33:48 AM | 44846 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905494

Date Reported: 5/17/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-105

Project: NEU #315

Collection Date: 5/8/2019 11:05:00 AM

Lab ID: 1905494-004

Matrix: SOIL

Received Date: 5/9/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 5/10/2019 4:32:00 PM | R59848 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: smb |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 5/13/2019 4:46:24 PM | 44872 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: TOM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 5/13/2019 8:49:22 PM | 44855 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 5/13/2019 8:49:22 PM | 44855 |
| Surr: DNOP | 73.8 | 70-130 | | %Rec | 1 | 5/13/2019 8:49:22 PM | 44855 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 5/14/2019 1:57:03 AM | 44846 |
| Surr: BFB | 94.4 | 73.8-119 | | %Rec | 1 | 5/14/2019 1:57:03 AM | 44846 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 5/14/2019 1:57:03 AM | 44846 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 5/14/2019 1:57:03 AM | 44846 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 5/14/2019 1:57:03 AM | 44846 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 5/14/2019 1:57:03 AM | 44846 |
| Surr: 4-Bromofluorobenzene | 91.8 | 80-120 | | %Rec | 1 | 5/14/2019 1:57:03 AM | 44846 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1905494

Date Reported: 5/17/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: FB-5819

Project: NEU #315

Collection Date: 5/8/2019 12:10:00 PM

Lab ID: 1905494-005

Matrix: AQUEOUS

Received Date: 5/9/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|-----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 5/10/2019 10:58:24 PM | SL59820 |
| Toluene | ND | 1.0 | | µg/L | 1 | 5/10/2019 10:58:24 PM | SL59820 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 5/10/2019 10:58:24 PM | SL59820 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 5/10/2019 10:58:24 PM | SL59820 |
| Surr: 1,2-Dichloroethane-d4 | 86.3 | 70-130 | | %Rec | 1 | 5/10/2019 10:58:24 PM | SL59820 |
| Surr: 4-Bromofluorobenzene | 95.3 | 70-130 | | %Rec | 1 | 5/10/2019 10:58:24 PM | SL59820 |
| Surr: Dibromofluoromethane | 104 | 70-130 | | %Rec | 1 | 5/10/2019 10:58:24 PM | SL59820 |
| Surr: Toluene-d8 | 89.2 | 70-130 | | %Rec | 1 | 5/10/2019 10:58:24 PM | SL59820 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1905494**

Date Reported: **5/17/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: RB-5819

Project: NEU #315

Collection Date: 5/8/2019 12:15:00 PM

Lab ID: 1905494-006

Matrix: AQUEOUS

Received Date: 5/9/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 5/13/2019 2:42:04 PM | SL59856 |
| Toluene | ND | 1.0 | | µg/L | 1 | 5/13/2019 2:42:04 PM | SL59856 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 5/13/2019 2:42:04 PM | SL59856 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 5/13/2019 2:42:04 PM | SL59856 |
| Surr: 1,2-Dichloroethane-d4 | 85.8 | 70-130 | | %Rec | 1 | 5/13/2019 2:42:04 PM | SL59856 |
| Surr: 4-Bromofluorobenzene | 89.9 | 70-130 | | %Rec | 1 | 5/13/2019 2:42:04 PM | SL59856 |
| Surr: Dibromofluoromethane | 95.1 | 70-130 | | %Rec | 1 | 5/13/2019 2:42:04 PM | SL59856 |
| Surr: Toluene-d8 | 88.6 | 70-130 | | %Rec | 1 | 5/13/2019 2:42:04 PM | SL59856 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1905494**

Date Reported: **5/17/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: Trip Blank

Project: NEU #315

Collection Date:

Lab ID: 1905494-007

Matrix: AQUEOUS

Received Date: 5/9/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 5/13/2019 3:10:44 PM | SL59856 |
| Toluene | ND | 1.0 | | µg/L | 1 | 5/13/2019 3:10:44 PM | SL59856 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 5/13/2019 3:10:44 PM | SL59856 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 5/13/2019 3:10:44 PM | SL59856 |
| Surr: 1,2-Dichloroethane-d4 | 88.6 | 70-130 | | %Rec | 1 | 5/13/2019 3:10:44 PM | SL59856 |
| Surr: 4-Bromofluorobenzene | 90.6 | 70-130 | | %Rec | 1 | 5/13/2019 3:10:44 PM | SL59856 |
| Surr: Dibromofluoromethane | 95.8 | 70-130 | | %Rec | 1 | 5/13/2019 3:10:44 PM | SL59856 |
| Surr: Toluene-d8 | 89.2 | 70-130 | | %Rec | 1 | 5/13/2019 3:10:44 PM | SL59856 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | |
|--------------------|---|---|
| Qualifiers: | * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| | D Sample Diluted Due to Matrix | E Value above quantitation range |
| | H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| | ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| | PQL Practical Quantitative Limit | RL Reporting Limit |
| | S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1905494

17-May-19

Client: Enduring Resources

Project: NEU #315

| Sample ID: MB-44872 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44872 | RunNo: 59828 | | | | | | | | |
| Prep Date: 5/13/2019 | Analysis Date: 5/13/2019 | SeqNo: 2019065 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-44872 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44872 | RunNo: 59828 | | | | | | | | |
| Prep Date: 5/13/2019 | Analysis Date: 5/13/2019 | SeqNo: 2019066 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 97.7 | 90 | 110 | | | |

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905494**

17-May-19

Client: Enduring Resources**Project:** NEU #315

| Sample ID: LCS-44855 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44855 | RunNo: 59825 | | | | | | | | |
| Prep Date: 5/10/2019 | Analysis Date: 5/13/2019 | SeqNo: 2018051 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47 | 10 | 50.00 | 0 | 93.2 | 63.9 | 124 | | | |
| Surr: DNOP | 4.2 | | 5.000 | | 83.2 | 70 | 130 | | | |

| Sample ID: MB-44855 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44855 | RunNo: 59825 | | | | | | | | |
| Prep Date: 5/10/2019 | Analysis Date: 5/13/2019 | SeqNo: 2018052 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 8.7 | | 10.00 | | 86.6 | 70 | 130 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905494**

17-May-19

Client: Enduring Resources**Project:** NEU #315

| Sample ID: MB-44846 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44846 | RunNo: 59831 | | | | | | | | |
| Prep Date: 5/10/2019 | Analysis Date: 5/13/2019 | SeqNo: 2018468 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 930 | | 1000 | | 92.8 | 73.8 | 119 | | | |

| Sample ID: LCS-44846 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44846 | RunNo: 59831 | | | | | | | | |
| Prep Date: 5/10/2019 | Analysis Date: 5/13/2019 | SeqNo: 2018469 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 96.8 | 80.1 | 123 | | | |
| Surr: BFB | 1100 | | 1000 | | 107 | 73.8 | 119 | | | |

| Sample ID: 1905494-001AMS | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|---------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-003 | Batch ID: 44846 | RunNo: 59831 | | | | | | | | |
| Prep Date: 5/10/2019 | Analysis Date: 5/13/2019 | SeqNo: 2018471 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 32 | 5.8 | 29.17 | 0 | 111 | 69.1 | 142 | | | |
| Surr: BFB | 1200 | | 1167 | | 106 | 73.8 | 119 | | | |

| Sample ID: 1905494-001AMSD | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|---------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-003 | Batch ID: 44846 | RunNo: 59831 | | | | | | | | |
| Prep Date: 5/10/2019 | Analysis Date: 5/14/2019 | SeqNo: 2018472 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 34 | 5.9 | 29.49 | 0 | 114 | 69.1 | 142 | 3.77 | 20 | |
| Surr: BFB | 1300 | | 1179 | | 107 | 73.8 | 119 | 0 | 0 | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905494**

17-May-19

Client: Enduring Resources**Project:** NEU #315

| Sample ID: MB-44846 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 44846 | RunNo: 59831 | | | | | | | | |
| Prep Date: 5/10/2019 | Analysis Date: 5/13/2019 | SeqNo: 2018511 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.90 | | 1.000 | | 90.0 | 80 | 120 | | | |

| Sample ID: LCS-44846 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 44846 | RunNo: 59831 | | | | | | | | |
| Prep Date: 5/10/2019 | Analysis Date: 5/13/2019 | SeqNo: 2018512 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.89 | 0.025 | 1.000 | 0 | 89.0 | 80 | 120 | | | |
| Toluene | 0.92 | 0.050 | 1.000 | 0 | 92.1 | 80 | 120 | | | |
| Ethylbenzene | 0.93 | 0.050 | 1.000 | 0 | 93.2 | 80 | 120 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 93.0 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.94 | | 1.000 | | 94.1 | 80 | 120 | | | |

| Sample ID: 1905494-002AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|---------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-004 | Batch ID: 44846 | RunNo: 59831 | | | | | | | | |
| Prep Date: 5/10/2019 | Analysis Date: 5/14/2019 | SeqNo: 2018515 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.2 | 0.035 | 1.381 | 0 | 84.1 | 63.9 | 127 | | | |
| Toluene | 1.2 | 0.069 | 1.381 | 0.01388 | 85.7 | 69.9 | 131 | | | |
| Ethylbenzene | 1.2 | 0.069 | 1.381 | 0 | 87.7 | 71 | 132 | | | |
| Xylenes, Total | 3.7 | 0.14 | 4.143 | 0.01962 | 87.7 | 71.8 | 131 | | | |
| Surr: 4-Bromofluorobenzene | 1.3 | | 1.381 | | 92.7 | 80 | 120 | | | |

| Sample ID: 1905494-002AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|---------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-004 | Batch ID: 44846 | RunNo: 59831 | | | | | | | | |
| Prep Date: 5/10/2019 | Analysis Date: 5/14/2019 | SeqNo: 2018516 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.2 | 0.034 | 1.363 | 0 | 90.4 | 63.9 | 127 | 5.91 | 20 | |
| Toluene | 1.3 | 0.068 | 1.363 | 0.01388 | 93.8 | 69.9 | 131 | 7.65 | 20 | |
| Ethylbenzene | 1.3 | 0.068 | 1.363 | 0 | 94.9 | 71 | 132 | 6.54 | 20 | |
| Xylenes, Total | 3.9 | 0.14 | 4.090 | 0.01962 | 95.3 | 71.8 | 131 | 7.00 | 20 | |
| Surr: 4-Bromofluorobenzene | 1.3 | | 1.363 | | 96.6 | 80 | 120 | 0 | 0 | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905494**

17-May-19

Client: Enduring Resources**Project:** NEU #315

| Sample ID: 100ng lcs | SampType: LCS | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|--------------------|------|
| Client ID: LCSW | Batch ID: SL59820 | RunNo: 59820 | | | | | | | | |
| Prep Date: | Analysis Date: 5/10/2019 | SeqNo: 2017855 | | | | | | | Units: µg/L | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 20 | 1.0 | 20.00 | 0 | 98.9 | 70 | 130 | | | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 94.3 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.7 | | 10.00 | | 86.6 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.6 | | 10.00 | | 95.5 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 10 | | 10.00 | | 104 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 88.0 | 70 | 130 | | | |

| Sample ID: 1905494-005a ms | SampType: MS | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|-----------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|--------------------|------|
| Client ID: FB-5819 | Batch ID: SL59820 | RunNo: 59820 | | | | | | | | |
| Prep Date: | Analysis Date: 5/10/2019 | SeqNo: 2017857 | | | | | | | Units: µg/L | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 20 | 1.0 | 20.00 | 0 | 98.1 | 70 | 130 | | | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 93.4 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.5 | | 10.00 | | 84.7 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.3 | | 10.00 | | 92.8 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 10 | | 10.00 | | 103 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.7 | | 10.00 | | 87.1 | 70 | 130 | | | |

| Sample ID: 1905494-005a msd | SampType: MSD | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|------------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|--------------------|------|
| Client ID: FB-5819 | Batch ID: SL59820 | RunNo: 59820 | | | | | | | | |
| Prep Date: | Analysis Date: 5/10/2019 | SeqNo: 2017858 | | | | | | | Units: µg/L | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 18 | 1.0 | 20.00 | 0 | 92.1 | 70 | 130 | 6.23 | 20 | |
| Toluene | 18 | 1.0 | 20.00 | 0 | 90.8 | 70 | 130 | 2.85 | 20 | |
| Surr: 1,2-Dichloroethane-d4 | 8.6 | | 10.00 | | 85.9 | 70 | 130 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 9.6 | | 10.00 | | 95.7 | 70 | 130 | 0 | 0 | |
| Surr: Dibromofluoromethane | 10 | | 10.00 | | 103 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 8.9 | | 10.00 | | 89.0 | 70 | 130 | 0 | 0 | |

| Sample ID: rb | SampType: MBLK | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|-----------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|--------------------|------|
| Client ID: PBW | Batch ID: SL59820 | RunNo: 59820 | | | | | | | | |
| Prep Date: | Analysis Date: 5/10/2019 | SeqNo: 2017859 | | | | | | | Units: µg/L | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1905494**

17-May-19

Client: Enduring Resources**Project:** NEU #315

| Sample ID: rb | SampType: MBLK | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|--------------------|------|
| Client ID: PBW | Batch ID: SL59820 | RunNo: 59820 | | | | | | | | |
| Prep Date: | Analysis Date: 5/10/2019 | SeqNo: 2017859 | | | | | | | Units: µg/L | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 1,2-Dichloroethane-d4 | 8.8 | | 10.00 | | 88.0 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.2 | | 10.00 | | 92.1 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 10 | | 10.00 | | 105 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.0 | | 10.00 | | 90.2 | 70 | 130 | | | |

| Sample ID: 100ng lcs | SampType: LCS | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|--------------------|------|
| Client ID: LCSW | Batch ID: SL59856 | RunNo: 59856 | | | | | | | | |
| Prep Date: | Analysis Date: 5/13/2019 | SeqNo: 2019130 | | | | | | | Units: µg/L | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 17 | 1.0 | 20.00 | 0 | 83.7 | 70 | 130 | | | |
| Toluene | 18 | 1.0 | 20.00 | 0 | 89.7 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.6 | | 10.00 | | 85.8 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.1 | | 10.00 | | 90.5 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 9.5 | | 10.00 | | 95.4 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 88.5 | 70 | 130 | | | |

| Sample ID: rb | SampType: MBLK | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|--------------------|------|
| Client ID: PBW | Batch ID: SL59856 | RunNo: 59856 | | | | | | | | |
| Prep Date: | Analysis Date: 5/13/2019 | SeqNo: 2019133 | | | | | | | Units: µg/L | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 8.4 | | 10.00 | | 84.0 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.0 | | 10.00 | | 89.9 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 9.5 | | 10.00 | | 95.4 | 70 | 130 | | | |
| Surr: Toluene-d8 | 8.8 | | 10.00 | | 88.4 | 70 | 130 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENDURING RESOURCE

Work Order Number: 1905494

RcptNo: 1

Received By: Erin Melendrez 5/9/2019 8:15:00 AM

Completed By: Erin Melendrez 5/9/2019 2:09:43 PM

Reviewed By: LB ENM 5/9/19

Handwritten initials and date

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. VOA vials have zero headspace? Yes [checked] No [] No VOA Vials []
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes [checked] No []

of preserved bottles checked for pH: <2 or >12 unless noted
Adjusted?
Checked by: ENM 5/9/19

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: Date:
By Whom: Via: [] eMail [] Phone [] Fax [] In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Rows 1-3.

Chain-of-Custody Record

Client: Enduring Resources
 James McDaniel
 Mailing Address: 700 Energy Ct
Falmington, NM 87401
 Phone #: 505-636-9731

email or Fax#: JamesMcDaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) PILE

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|--------|-------|---------|-------------|----------------------|-------------------|----------|
| 5-8-19 | 10:45 | Soil | SA-003 | 4oz Jar | Cool | 1905494 |
| | 10:38 | | SA-004 | ↓ | ↓ | -002 |
| | 10:32 | | SA-005 | ↓ | ↓ | -003 |
| | 11:05 | | SA-105 | ↓ | ↓ | -004 |
| | 12:10 | Aqueous | FB-5819 | 3VOA | HCL | -005 |
| | 12:15 | | RB-5819 | 3VOA | HCL | -006 |
| | | | TB-D | 2VOA | HCL | -007 |

Date: 5-8-19 1402
 Relinquished by: Caitie YMEA
 Date: 5/8/19 1900
 Relinquished by: Christ Walt

Turn-Around Time:
 Standard Rush
 Project Name: NEU # 315
 Project #: 077919003

Project Manager:
James - Enduring
Ashley - LTE
 Sampler: EC, CM
 On Ice: Yes No
 # of Coolers: 3
 Cooler Temp (including CF): 1.8°C, 3.2°C, 4.1°C

| Container Type and # | Preservative Type | HEAL No. |
|----------------------|-------------------|----------|
| 4oz Jar | Cool | 1905494 |
| ↓ | ↓ | -002 |
| ↓ | ↓ | -003 |
| ↓ | ↓ | -004 |
| 3VOA | HCL | -005 |
| 3VOA | HCL | -006 |
| 2VOA | HCL | -007 |

Received by: Christ Walt Date: 5/8/19 Time: 1402
 Received by: Christ Walt Date: 5/9/19 Time: 0815



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

| Analysis Request | |
|---|-------------------------------------|
| <input checked="" type="checkbox"/> BTEX / MTBE / TMBs (0021) | <input checked="" type="checkbox"/> |
| TPH:8015(DRO / DRO / MRO) | <input checked="" type="checkbox"/> |
| 8081 Pesticides/8082 PCBs | <input type="checkbox"/> |
| EDB (Method 504.1) | <input type="checkbox"/> |
| PAHs by 8310 or 8270SIMS | <input type="checkbox"/> |
| RCRA 8 Metals | <input type="checkbox"/> |
| <input checked="" type="checkbox"/> Cl ⁻ , Br ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ | <input checked="" type="checkbox"/> |
| 8260 (VOA) | <input type="checkbox"/> |
| 8270 (Semi-VOA) | <input type="checkbox"/> |
| Total Coliform (Present/Absent) | <input type="checkbox"/> |

Remarks:
Report on dry weight basis
cc: dburns@henv.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

June 25, 2019

James McDaniel
Enduring Resources
332 Road 3100
Aztec, NM 87140
TEL:
FAX:

RE: NEU 315 H

OrderNo.: 1906782

Dear James McDaniel:

Hall Environmental Analysis Laboratory received 19 sample(s) on 6/14/2019 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued June 24, 2019.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. All samples are reported as received unless otherwise indicated.

Please don't hesitate to contact HEAL for any additional information or clarifications.

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written in a cursive style.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: EX-SW01

Project: NEU 315 H

Collection Date: 6/13/2019 10:15:00 AM

Lab ID: 1906782-001

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 3.8 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 82 | 62 | | mg/Kg-dr | 20 | 6/20/2019 5:47:32 PM | 45694 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.1 | | mg/Kg-dr | 1 | 6/17/2019 10:01:51 PM | 45612 |
| Surr: BFB | 105 | 70-130 | | %Rec | 1 | 6/17/2019 10:01:51 PM | 45612 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 6/19/2019 4:47:23 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 6/19/2019 4:47:23 PM | 45653 |
| Surr: DNOP | 95.1 | 70-130 | | %Rec | 1 | 6/19/2019 4:47:23 PM | 45653 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.025 | | mg/Kg-dr | 1 | 6/17/2019 10:01:51 PM | 45612 |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 6/17/2019 10:01:51 PM | 45612 |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 6/17/2019 10:01:51 PM | 45612 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 6/17/2019 10:01:51 PM | 45612 |
| Surr: 1,2-Dichloroethane-d4 | 103 | 70-130 | | %Rec | 1 | 6/17/2019 10:01:51 PM | 45612 |
| Surr: 4-Bromofluorobenzene | 98.1 | 70-130 | | %Rec | 1 | 6/17/2019 10:01:51 PM | 45612 |
| Surr: Dibromofluoromethane | 120 | 70-130 | | %Rec | 1 | 6/17/2019 10:01:51 PM | 45612 |
| Surr: Toluene-d8 | 92.2 | 70-130 | | %Rec | 1 | 6/17/2019 10:01:51 PM | 45612 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: EX-SW02

Project: NEU 315 H

Collection Date: 6/13/2019 10:25:00 AM

Lab ID: 1906782-002

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 4.9 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 80 | 63 | | mg/Kg-dr | 20 | 6/20/2019 5:59:56 PM | 45694 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.1 | | mg/Kg-dr | 1 | 6/17/2019 10:30:42 PM | 45612 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 6/17/2019 10:30:42 PM | 45612 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 6/19/2019 6:01:08 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 6/19/2019 6:01:08 PM | 45653 |
| Surr: DNOP | 75.7 | 70-130 | | %Rec | 1 | 6/19/2019 6:01:08 PM | 45653 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 6/17/2019 10:30:42 PM | 45612 |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 6/17/2019 10:30:42 PM | 45612 |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 6/17/2019 10:30:42 PM | 45612 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 6/17/2019 10:30:42 PM | 45612 |
| Surr: 1,2-Dichloroethane-d4 | 104 | 70-130 | | %Rec | 1 | 6/17/2019 10:30:42 PM | 45612 |
| Surr: 4-Bromofluorobenzene | 97.0 | 70-130 | | %Rec | 1 | 6/17/2019 10:30:42 PM | 45612 |
| Surr: Dibromofluoromethane | 120 | 70-130 | | %Rec | 1 | 6/17/2019 10:30:42 PM | 45612 |
| Surr: Toluene-d8 | 95.3 | 70-130 | | %Rec | 1 | 6/17/2019 10:30:42 PM | 45612 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1906782**

Date Reported: **6/25/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: EX-FS01

Project: NEU 315 H

Collection Date: 6/13/2019 10:30:00 AM

Lab ID: 1906782-003

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 5.8 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 63 | | mg/Kg-dr | 20 | 6/20/2019 6:12:21 PM | 45694 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | 5.7 | 5.2 | | mg/Kg-dr | 1 | 6/17/2019 10:59:32 PM | 45612 |
| Surr: BFB | 112 | 70-130 | | %Rec | 1 | 6/17/2019 10:59:32 PM | 45612 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 410 | 11 | | mg/Kg-dr | 1 | 6/19/2019 11:29:14 AM | 45653 |
| Motor Oil Range Organics (MRO) | 180 | 53 | | mg/Kg-dr | 1 | 6/19/2019 11:29:14 AM | 45653 |
| Surr: DNOP | 108 | 70-130 | | %Rec | 1 | 6/19/2019 11:29:14 AM | 45653 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 6/17/2019 10:59:32 PM | 45612 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 6/17/2019 10:59:32 PM | 45612 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 6/17/2019 10:59:32 PM | 45612 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 6/17/2019 10:59:32 PM | 45612 |
| Surr: 1,2-Dichloroethane-d4 | 101 | 70-130 | | %Rec | 1 | 6/17/2019 10:59:32 PM | 45612 |
| Surr: 4-Bromofluorobenzene | 91.3 | 70-130 | | %Rec | 1 | 6/17/2019 10:59:32 PM | 45612 |
| Surr: Dibromofluoromethane | 120 | 70-130 | | %Rec | 1 | 6/17/2019 10:59:32 PM | 45612 |
| Surr: Toluene-d8 | 96.0 | 70-130 | | %Rec | 1 | 6/17/2019 10:59:32 PM | 45612 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: EX-FS02

Project: NEU 315 H

Collection Date: 6/13/2019 10:38:00 AM

Lab ID: 1906782-004

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 1.7 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 70 | 61 | | mg/Kg-dr | 20 | 6/20/2019 7:14:25 PM | 45694 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.1 | | mg/Kg-dr | 1 | 6/17/2019 11:28:12 PM | 45612 |
| Surr: BFB | 108 | 70-130 | | %Rec | 1 | 6/17/2019 11:28:12 PM | 45612 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg-dr | 1 | 6/19/2019 6:26:07 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg-dr | 1 | 6/19/2019 6:26:07 PM | 45653 |
| Surr: DNOP | 90.9 | 70-130 | | %Rec | 1 | 6/19/2019 6:26:07 PM | 45653 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.025 | | mg/Kg-dr | 1 | 6/17/2019 11:28:12 PM | 45612 |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 6/17/2019 11:28:12 PM | 45612 |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 6/17/2019 11:28:12 PM | 45612 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 6/17/2019 11:28:12 PM | 45612 |
| Surr: 1,2-Dichloroethane-d4 | 102 | 70-130 | | %Rec | 1 | 6/17/2019 11:28:12 PM | 45612 |
| Surr: 4-Bromofluorobenzene | 93.9 | 70-130 | | %Rec | 1 | 6/17/2019 11:28:12 PM | 45612 |
| Surr: Dibromofluoromethane | 121 | 70-130 | | %Rec | 1 | 6/17/2019 11:28:12 PM | 45612 |
| Surr: Toluene-d8 | 95.3 | 70-130 | | %Rec | 1 | 6/17/2019 11:28:12 PM | 45612 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-104R

Project: NEU 315 H

Collection Date: 6/13/2019 10:41:00 AM

Lab ID: 1906782-005

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 3.1 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 62 | | mg/Kg-dr | 20 | 6/20/2019 7:26:49 PM | 45694 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | 26 | 5.1 | | mg/Kg-dr | 1 | 6/17/2019 11:56:54 PM | 45612 |
| Surr: BFB | 111 | 70-130 | | %Rec | 1 | 6/17/2019 11:56:54 PM | 45612 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 290 | 10 | | mg/Kg-dr | 1 | 6/19/2019 6:51:01 PM | 45653 |
| Motor Oil Range Organics (MRO) | 110 | 51 | | mg/Kg-dr | 1 | 6/19/2019 6:51:01 PM | 45653 |
| Surr: DNOP | 95.5 | 70-130 | | %Rec | 1 | 6/19/2019 6:51:01 PM | 45653 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.025 | | mg/Kg-dr | 1 | 6/17/2019 11:56:54 PM | 45612 |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 6/17/2019 11:56:54 PM | 45612 |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 6/17/2019 11:56:54 PM | 45612 |
| Xylenes, Total | 0.15 | 0.10 | | mg/Kg-dr | 1 | 6/17/2019 11:56:54 PM | 45612 |
| Surr: 1,2-Dichloroethane-d4 | 104 | 70-130 | | %Rec | 1 | 6/17/2019 11:56:54 PM | 45612 |
| Surr: 4-Bromofluorobenzene | 95.2 | 70-130 | | %Rec | 1 | 6/17/2019 11:56:54 PM | 45612 |
| Surr: Dibromofluoromethane | 121 | 70-130 | | %Rec | 1 | 6/17/2019 11:56:54 PM | 45612 |
| Surr: Toluene-d8 | 92.8 | 70-130 | | %Rec | 1 | 6/17/2019 11:56:54 PM | 45612 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-081R

Project: NEU 315 H

Collection Date: 6/13/2019 11:08:00 AM

Lab ID: 1906782-006

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 8.3 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 65 | | mg/Kg-dr | 20 | 6/20/2019 7:39:14 PM | 45694 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 6/18/2019 2:21:07 AM | 45612 |
| Surr: BFB | 109 | 70-130 | | %Rec | 1 | 6/18/2019 2:21:07 AM | 45612 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 6/19/2019 7:15:41 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 6/19/2019 7:15:41 PM | 45653 |
| Surr: DNOP | 85.4 | 70-130 | | %Rec | 1 | 6/19/2019 7:15:41 PM | 45653 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 6/18/2019 2:21:07 AM | 45612 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 6/18/2019 2:21:07 AM | 45612 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 6/18/2019 2:21:07 AM | 45612 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 6/18/2019 2:21:07 AM | 45612 |
| Surr: 1,2-Dichloroethane-d4 | 98.7 | 70-130 | | %Rec | 1 | 6/18/2019 2:21:07 AM | 45612 |
| Surr: 4-Bromofluorobenzene | 94.1 | 70-130 | | %Rec | 1 | 6/18/2019 2:21:07 AM | 45612 |
| Surr: Dibromofluoromethane | 119 | 70-130 | | %Rec | 1 | 6/18/2019 2:21:07 AM | 45612 |
| Surr: Toluene-d8 | 97.2 | 70-130 | | %Rec | 1 | 6/18/2019 2:21:07 AM | 45612 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-078R

Project: NEU 315 H

Collection Date: 6/13/2019 11:10:00 AM

Lab ID: 1906782-007

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 2.4 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 61 | | mg/Kg-dr | 20 | 6/20/2019 7:51:39 PM | 45694 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: RAA |
| Gasoline Range Organics (GRO) | ND | 5.1 | | mg/Kg-dr | 1 | 6/18/2019 2:50:02 AM | 45612 |
| Surr: BFB | 110 | 70-130 | | %Rec | 1 | 6/18/2019 2:50:02 AM | 45612 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg-dr | 1 | 6/19/2019 7:40:24 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 6/19/2019 7:40:24 PM | 45653 |
| Surr: DNOP | 91.1 | 70-130 | | %Rec | 1 | 6/19/2019 7:40:24 PM | 45653 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 0.025 | | mg/Kg-dr | 1 | 6/18/2019 2:50:02 AM | 45612 |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 6/18/2019 2:50:02 AM | 45612 |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 6/18/2019 2:50:02 AM | 45612 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 6/18/2019 2:50:02 AM | 45612 |
| Surr: 1,2-Dichloroethane-d4 | 103 | 70-130 | | %Rec | 1 | 6/18/2019 2:50:02 AM | 45612 |
| Surr: 4-Bromofluorobenzene | 93.2 | 70-130 | | %Rec | 1 | 6/18/2019 2:50:02 AM | 45612 |
| Surr: Dibromofluoromethane | 121 | 70-130 | | %Rec | 1 | 6/18/2019 2:50:02 AM | 45612 |
| Surr: Toluene-d8 | 98.1 | 70-130 | | %Rec | 1 | 6/18/2019 2:50:02 AM | 45612 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-060R

Project: NEU 315 H

Collection Date: 6/13/2019 11:25:00 AM

Lab ID: 1906782-008

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 5.0 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 63 | | mg/Kg-dr | 20 | 6/20/2019 8:04:03 PM | 45694 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg-dr | 1 | 6/19/2019 8:05:01 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg-dr | 1 | 6/19/2019 8:05:01 PM | 45653 |
| Surr: DNOP | 91.6 | 70-130 | | %Rec | 1 | 6/19/2019 8:05:01 PM | 45653 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.2 | | mg/Kg-dr | 1 | 6/18/2019 11:26:14 AM | 45617 |
| Surr: BFB | 102 | 73.8-119 | | %Rec | 1 | 6/18/2019 11:26:14 AM | 45617 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.026 | | mg/Kg-dr | 1 | 6/18/2019 11:26:14 AM | 45617 |
| Toluene | ND | 0.052 | | mg/Kg-dr | 1 | 6/18/2019 11:26:14 AM | 45617 |
| Ethylbenzene | ND | 0.052 | | mg/Kg-dr | 1 | 6/18/2019 11:26:14 AM | 45617 |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 6/18/2019 11:26:14 AM | 45617 |
| Surr: 4-Bromofluorobenzene | 99.4 | 80-120 | | %Rec | 1 | 6/18/2019 11:26:14 AM | 45617 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: GR-07R

Project: NEU 315 H

Collection Date: 6/13/2019 11:36:00 AM

Lab ID: 1906782-009

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 6/20/2019 8:16:27 PM | 45694 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 920 | 12 | | mg/Kg-dr | 1 | 6/19/2019 12:02:20 PM | 45653 |
| Motor Oil Range Organics (MRO) | 300 | 58 | | mg/Kg-dr | 1 | 6/19/2019 12:02:20 PM | 45653 |
| Surr: DNOP | 105 | 70-130 | | %Rec | 1 | 6/19/2019 12:02:20 PM | 45653 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 55 | 12 | | mg/Kg-dr | 2 | 6/18/2019 12:34:08 PM | 45617 |
| Surr: BFB | 373 | 73.8-119 | S | %Rec | 2 | 6/18/2019 12:34:08 PM | 45617 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.059 | | mg/Kg-dr | 2 | 6/18/2019 12:34:08 PM | 45617 |
| Toluene | ND | 0.12 | | mg/Kg-dr | 2 | 6/18/2019 12:34:08 PM | 45617 |
| Ethylbenzene | ND | 0.12 | | mg/Kg-dr | 2 | 6/18/2019 12:34:08 PM | 45617 |
| Xylenes, Total | 1.1 | 0.24 | | mg/Kg-dr | 2 | 6/18/2019 12:34:08 PM | 45617 |
| Surr: 4-Bromofluorobenzene | 117 | 80-120 | | %Rec | 2 | 6/18/2019 12:34:08 PM | 45617 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1906782**

Date Reported: **6/25/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-055R

Project: NEU 315 H

Collection Date: 6/13/2019 11:40:00 AM

Lab ID: 1906782-010

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 11 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 67 | | mg/Kg-dr | 20 | 6/20/2019 8:28:52 PM | 45694 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 14 | 10 | | mg/Kg-dr | 1 | 6/19/2019 8:29:45 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 6/19/2019 8:29:45 PM | 45653 |
| Surr: DNOP | 95.2 | 70-130 | | %Rec | 1 | 6/19/2019 8:29:45 PM | 45653 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 6/18/2019 3:35:11 PM | 45617 |
| Surr: BFB | 106 | 73.8-119 | | %Rec | 1 | 6/18/2019 3:35:11 PM | 45617 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 6/18/2019 3:35:11 PM | 45617 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 6/18/2019 3:35:11 PM | 45617 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 6/18/2019 3:35:11 PM | 45617 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 6/18/2019 3:35:11 PM | 45617 |
| Surr: 4-Bromofluorobenzene | 100 | 80-120 | | %Rec | 1 | 6/18/2019 3:35:11 PM | 45617 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-007R

Project: NEU 315 H

Collection Date: 6/13/2019 12:00:00 PM

Lab ID: 1906782-011

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 9.0 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | 100 | 66 | | mg/Kg-dr | 20 | 6/20/2019 8:41:17 PM | 45694 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg-dr | 1 | 6/19/2019 8:54:23 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 52 | | mg/Kg-dr | 1 | 6/19/2019 8:54:23 PM | 45653 |
| Surr: DNOP | 90.7 | 70-130 | | %Rec | 1 | 6/19/2019 8:54:23 PM | 45653 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 6/18/2019 3:57:53 PM | 45617 |
| Surr: BFB | 105 | 73.8-119 | | %Rec | 1 | 6/18/2019 3:57:53 PM | 45617 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 6/18/2019 3:57:53 PM | 45617 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 6/18/2019 3:57:53 PM | 45617 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 6/18/2019 3:57:53 PM | 45617 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 6/18/2019 3:57:53 PM | 45617 |
| Surr: 4-Bromofluorobenzene | 101 | 80-120 | | %Rec | 1 | 6/18/2019 3:57:53 PM | 45617 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1906782**

Date Reported: **6/25/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-007-01

Project: NEU 315 H

Collection Date: 6/13/2019 12:09:00 PM

Lab ID: 1906782-012

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 6/20/2019 8:53:42 PM | 45694 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 6/19/2019 9:19:01 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 54 | | mg/Kg-dr | 1 | 6/19/2019 9:19:01 PM | 45653 |
| Surr: DNOP | 95.0 | 70-130 | | %Rec | 1 | 6/19/2019 9:19:01 PM | 45653 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.7 | | mg/Kg-dr | 1 | 6/18/2019 4:20:31 PM | 45617 |
| Surr: BFB | 104 | 73.8-119 | | %Rec | 1 | 6/18/2019 4:20:31 PM | 45617 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 6/18/2019 4:20:31 PM | 45617 |
| Toluene | ND | 0.057 | | mg/Kg-dr | 1 | 6/18/2019 4:20:31 PM | 45617 |
| Ethylbenzene | ND | 0.057 | | mg/Kg-dr | 1 | 6/18/2019 4:20:31 PM | 45617 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 6/18/2019 4:20:31 PM | 45617 |
| Surr: 4-Bromofluorobenzene | 101 | 80-120 | | %Rec | 1 | 6/18/2019 4:20:31 PM | 45617 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-009-01

Project: NEU 315 H

Collection Date: 6/13/2019 12:15:00 PM

Lab ID: 1906782-013

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 21 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 76 | | mg/Kg-dr | 20 | 6/20/2019 9:06:06 PM | 45694 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 6/19/2019 9:43:40 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 59 | | mg/Kg-dr | 1 | 6/19/2019 9:43:40 PM | 45653 |
| Surr: DNOP | 91.0 | 70-130 | | %Rec | 1 | 6/19/2019 9:43:40 PM | 45653 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.2 | | mg/Kg-dr | 1 | 6/18/2019 4:43:15 PM | 45617 |
| Surr: BFB | 103 | 73.8-119 | | %Rec | 1 | 6/18/2019 4:43:15 PM | 45617 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.031 | | mg/Kg-dr | 1 | 6/18/2019 4:43:15 PM | 45617 |
| Toluene | ND | 0.062 | | mg/Kg-dr | 1 | 6/18/2019 4:43:15 PM | 45617 |
| Ethylbenzene | ND | 0.062 | | mg/Kg-dr | 1 | 6/18/2019 4:43:15 PM | 45617 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 6/18/2019 4:43:15 PM | 45617 |
| Surr: 4-Bromofluorobenzene | 99.6 | 80-120 | | %Rec | 1 | 6/18/2019 4:43:15 PM | 45617 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-011-01

Project: NEU 315 H

Collection Date: 6/13/2019 12:13:00 PM

Lab ID: 1906782-014

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 25 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 80 | | mg/Kg-dr | 20 | 6/20/2019 9:43:20 PM | 45694 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg-dr | 1 | 6/19/2019 10:08:14 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 66 | | mg/Kg-dr | 1 | 6/19/2019 10:08:14 PM | 45653 |
| Surr: DNOP | 91.6 | 70-130 | | %Rec | 1 | 6/19/2019 10:08:14 PM | 45653 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 6.5 | | mg/Kg-dr | 1 | 6/18/2019 5:51:15 PM | 45617 |
| Surr: BFB | 103 | 73.8-119 | | %Rec | 1 | 6/18/2019 5:51:15 PM | 45617 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.032 | | mg/Kg-dr | 1 | 6/18/2019 5:51:15 PM | 45617 |
| Toluene | ND | 0.065 | | mg/Kg-dr | 1 | 6/18/2019 5:51:15 PM | 45617 |
| Ethylbenzene | ND | 0.065 | | mg/Kg-dr | 1 | 6/18/2019 5:51:15 PM | 45617 |
| Xylenes, Total | ND | 0.13 | | mg/Kg-dr | 1 | 6/18/2019 5:51:15 PM | 45617 |
| Surr: 4-Bromofluorobenzene | 98.5 | 80-120 | | %Rec | 1 | 6/18/2019 5:51:15 PM | 45617 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-C

Project: NEU 315 H

Collection Date: 6/13/2019 12:20:00 PM

Lab ID: 1906782-015

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 12 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 6/20/2019 9:55:44 PM | 45694 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 6/19/2019 10:32:43 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 6/19/2019 10:32:43 PM | 45653 |
| Surr: DNOP | 90.9 | 70-130 | | %Rec | 1 | 6/19/2019 10:32:43 PM | 45653 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.6 | | mg/Kg-dr | 1 | 6/18/2019 6:13:55 PM | 45617 |
| Surr: BFB | 101 | 73.8-119 | | %Rec | 1 | 6/18/2019 6:13:55 PM | 45617 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.028 | | mg/Kg-dr | 1 | 6/18/2019 6:13:55 PM | 45617 |
| Toluene | ND | 0.056 | | mg/Kg-dr | 1 | 6/18/2019 6:13:55 PM | 45617 |
| Ethylbenzene | ND | 0.056 | | mg/Kg-dr | 1 | 6/18/2019 6:13:55 PM | 45617 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 6/18/2019 6:13:55 PM | 45617 |
| Surr: 4-Bromofluorobenzene | 96.2 | 80-120 | | %Rec | 1 | 6/18/2019 6:13:55 PM | 45617 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-F

Project: NEU 315 H

Collection Date: 6/13/2019 12:22:00 PM

Lab ID: 1906782-016

Matrix: SOIL

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 9.3 | 1.0 | | wt% | 1 | 6/17/2019 2:50:00 PM | R60716 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: MRA |
| Chloride | ND | 66 | | mg/Kg-dr | 20 | 6/20/2019 10:08:09 PM | 45694 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: JME |
| Diesel Range Organics (DRO) | 13 | 11 | | mg/Kg-dr | 1 | 6/19/2019 10:57:10 PM | 45653 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 6/19/2019 10:57:10 PM | 45653 |
| Surr: DNOP | 90.8 | 70-130 | | %Rec | 1 | 6/19/2019 10:57:10 PM | 45653 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.4 | | mg/Kg-dr | 1 | 6/18/2019 6:36:35 PM | 45617 |
| Surr: BFB | 103 | 73.8-119 | | %Rec | 1 | 6/18/2019 6:36:35 PM | 45617 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.027 | | mg/Kg-dr | 1 | 6/18/2019 6:36:35 PM | 45617 |
| Toluene | ND | 0.054 | | mg/Kg-dr | 1 | 6/18/2019 6:36:35 PM | 45617 |
| Ethylbenzene | ND | 0.054 | | mg/Kg-dr | 1 | 6/18/2019 6:36:35 PM | 45617 |
| Xylenes, Total | ND | 0.11 | | mg/Kg-dr | 1 | 6/18/2019 6:36:35 PM | 45617 |
| Surr: 4-Bromofluorobenzene | 98.6 | 80-120 | | %Rec | 1 | 6/18/2019 6:36:35 PM | 45617 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: FB-061319

Project: NEU 315 H

Collection Date: 6/13/2019 12:53:00 PM

Lab ID: 1906782-017

Matrix: AQUEOUS

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 6/19/2019 8:10:12 PM | R60797 |
| Toluene | ND | 1.0 | | µg/L | 1 | 6/19/2019 8:10:12 PM | R60797 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 6/19/2019 8:10:12 PM | R60797 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 6/19/2019 8:10:12 PM | R60797 |
| Surr: 1,2-Dichloroethane-d4 | 92.9 | 70-130 | | %Rec | 1 | 6/19/2019 8:10:12 PM | R60797 |
| Surr: 4-Bromofluorobenzene | 101 | 70-130 | | %Rec | 1 | 6/19/2019 8:10:12 PM | R60797 |
| Surr: Dibromofluoromethane | 107 | 70-130 | | %Rec | 1 | 6/19/2019 8:10:12 PM | R60797 |
| Surr: Toluene-d8 | 94.7 | 70-130 | | %Rec | 1 | 6/19/2019 8:10:12 PM | R60797 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: RB-061319

Project: NEU 315 H

Collection Date: 6/13/2019 1:00:00 PM

Lab ID: 1906782-018

Matrix: AQUEOUS

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 6/19/2019 8:38:45 PM | R60797 |
| Toluene | ND | 1.0 | | µg/L | 1 | 6/19/2019 8:38:45 PM | R60797 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 6/19/2019 8:38:45 PM | R60797 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 6/19/2019 8:38:45 PM | R60797 |
| Surr: 1,2-Dichloroethane-d4 | 91.7 | 70-130 | | %Rec | 1 | 6/19/2019 8:38:45 PM | R60797 |
| Surr: 4-Bromofluorobenzene | 100 | 70-130 | | %Rec | 1 | 6/19/2019 8:38:45 PM | R60797 |
| Surr: Dibromofluoromethane | 107 | 70-130 | | %Rec | 1 | 6/19/2019 8:38:45 PM | R60797 |
| Surr: Toluene-d8 | 95.4 | 70-130 | | %Rec | 1 | 6/19/2019 8:38:45 PM | R60797 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1906782

Date Reported: 6/25/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: TB-061319

Project: NEU 315 H

Collection Date: 6/13/2019 4:30:00 PM

Lab ID: 1906782-019

Matrix: TRIP BLANK

Received Date: 6/14/2019 7:55:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 6/19/2019 9:07:19 PM | R60797 |
| Toluene | ND | 1.0 | | µg/L | 1 | 6/19/2019 9:07:19 PM | R60797 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 6/19/2019 9:07:19 PM | R60797 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 6/19/2019 9:07:19 PM | R60797 |
| Surr: 1,2-Dichloroethane-d4 | 91.9 | 70-130 | | %Rec | 1 | 6/19/2019 9:07:19 PM | R60797 |
| Surr: 4-Bromofluorobenzene | 101 | 70-130 | | %Rec | 1 | 6/19/2019 9:07:19 PM | R60797 |
| Surr: Dibromofluoromethane | 106 | 70-130 | | %Rec | 1 | 6/19/2019 9:07:19 PM | R60797 |
| Surr: Toluene-d8 | 92.3 | 70-130 | | %Rec | 1 | 6/19/2019 9:07:19 PM | R60797 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1906782

25-Jun-19

Client: Enduring Resources

Project: NEU 315 H

| Sample ID: MB-45694 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 45694 | RunNo: 60817 | | | | | | | | |
| Prep Date: 6/19/2019 | Analysis Date: 6/20/2019 | SeqNo: 2058607 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-45694 | SampType: lcs | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 45694 | RunNo: 60817 | | | | | | | | |
| Prep Date: 6/19/2019 | Analysis Date: 6/20/2019 | SeqNo: 2058608 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 93.3 | 90 | 110 | | | |

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1906782**

25-Jun-19

Client: Enduring Resources**Project:** NEU 315 H

| Sample ID: MB-45653 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 45653 | RunNo: 60757 | | | | | | | | |
| Prep Date: 6/18/2019 | Analysis Date: 6/19/2019 | SeqNo: 2056491 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.4 | | 10.00 | | 94.1 | 70 | 130 | | | |

| Sample ID: LCS-45653 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 45653 | RunNo: 60757 | | | | | | | | |
| Prep Date: 6/18/2019 | Analysis Date: 6/19/2019 | SeqNo: 2056492 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47 | 10 | 50.00 | 0 | 94.5 | 63.9 | 124 | | | |
| Surr: DNOP | 4.7 | | 5.000 | | 94.5 | 70 | 130 | | | |

| Sample ID: 1906782-001AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|---------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: EX-SW01 | Batch ID: 45653 | RunNo: 60757 | | | | | | | | |
| Prep Date: 6/18/2019 | Analysis Date: 6/19/2019 | SeqNo: 2056996 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 39 | 9.8 | 48.79 | 5.071 | 70.1 | 57 | 142 | | | |
| Surr: DNOP | 3.7 | | 4.879 | | 75.2 | 70 | 130 | | | |

| Sample ID: 1906782-001AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|---------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: EX-SW01 | Batch ID: 45653 | RunNo: 60805 | | | | | | | | |
| Prep Date: 6/18/2019 | Analysis Date: 6/20/2019 | SeqNo: 2058358 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 48 | 10 | 51.35 | 5.071 | 84.2 | 57 | 142 | 20.6 | 20 | R |
| Surr: DNOP | 4.6 | | 5.135 | | 90.6 | 70 | 130 | 0 | 0 | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT

WO#: 1906782

Hall Environmental Analysis Laboratory, Inc.

25-Jun-19

Client: Enduring Resources**Project:** NEU 315 H

| Sample ID: MB-45617 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 45617 | RunNo: 60729 | | | | | | | | |
| Prep Date: 6/17/2019 | Analysis Date: 6/18/2019 | SeqNo: 2055406 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 1000 | | 1000 | | 102 | 73.8 | 119 | | | |

| Sample ID: LCS-45617 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 45617 | RunNo: 60729 | | | | | | | | |
| Prep Date: 6/17/2019 | Analysis Date: 6/18/2019 | SeqNo: 2055407 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25 | 5.0 | 25.00 | 0 | 99.9 | 80.1 | 123 | | | |
| Surr: BFB | 1100 | | 1000 | | 115 | 73.8 | 119 | | | |

| Sample ID: 1906782-008AMS | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|---------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-060R | Batch ID: 45617 | RunNo: 60729 | | | | | | | | |
| Prep Date: 6/17/2019 | Analysis Date: 6/18/2019 | SeqNo: 2055409 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 28 | 5.2 | 26.03 | 0 | 108 | 69.1 | 142 | | | |
| Surr: BFB | 1200 | | 1041 | | 114 | 73.8 | 119 | | | |

| Sample ID: 1906782-008AMSD | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|---------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-060R | Batch ID: 45617 | RunNo: 60729 | | | | | | | | |
| Prep Date: 6/17/2019 | Analysis Date: 6/18/2019 | SeqNo: 2055410 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 29 | 5.2 | 25.95 | 0 | 113 | 69.1 | 142 | 3.54 | 20 | |
| Surr: BFB | 1200 | | 1038 | | 118 | 73.8 | 119 | 0 | 0 | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1906782

25-Jun-19

Client: Enduring Resources**Project:** NEU 315 H

| Sample ID: MB-45617 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 45617 | RunNo: 60729 | | | | | | | | |
| Prep Date: 6/17/2019 | Analysis Date: 6/18/2019 | SeqNo: 2055439 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.97 | | 1.000 | | 97.4 | 80 | 120 | | | |

| Sample ID: LCS-45617 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 45617 | RunNo: 60729 | | | | | | | | |
| Prep Date: 6/17/2019 | Analysis Date: 6/18/2019 | SeqNo: 2055440 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.025 | 1.000 | 0 | 102 | 80 | 120 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0 | 103 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 102 | 80 | 120 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 100 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.1 | | 1.000 | | 109 | 80 | 120 | | | |

| Sample ID: 1906782-009AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|---------------------------------|--|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: GR-07R | Batch ID: 45617 | RunNo: 60729 | | | | | | | | |
| Prep Date: 6/17/2019 | Analysis Date: 6/18/2019 | SeqNo: 2055444 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.3 | 0.060 | 1.198 | 0 | 112 | 63.9 | 127 | | | |
| Toluene | 1.4 | 0.12 | 1.198 | 0 | 115 | 69.9 | 131 | | | |
| Ethylbenzene | 1.5 | 0.12 | 1.198 | 0 | 125 | 71 | 132 | | | |
| Xylenes, Total | 5.2 | 0.24 | 3.593 | 1.051 | 116 | 71.8 | 131 | | | |
| Surr: 4-Bromofluorobenzene | 2.8 | | 2.395 | | 116 | 80 | 120 | | | |

| Sample ID: 1906782-009AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|---------------------------------|--|-------------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: GR-07R | Batch ID: 45617 | RunNo: 60729 | | | | | | | | |
| Prep Date: 6/17/2019 | Analysis Date: 6/18/2019 | SeqNo: 2055445 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.3 | 0.060 | 1.205 | 0 | 108 | 63.9 | 127 | 2.88 | 20 | |
| Toluene | 1.4 | 0.12 | 1.205 | 0 | 114 | 69.9 | 131 | 0.715 | 20 | |
| Ethylbenzene | 1.5 | 0.12 | 1.205 | 0 | 127 | 71 | 132 | 2.11 | 20 | |
| Xylenes, Total | 5.5 | 0.24 | 3.614 | 1.051 | 122 | 71.8 | 131 | 4.91 | 20 | |
| Surr: 4-Bromofluorobenzene | 2.9 | | 2.409 | | 120 | 80 | 120 | 0 | 0 | S |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1906782

25-Jun-19

Client: Enduring Resources

Project: NEU 315 H

| Sample ID: ics-45612 | SampType: LCS | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 45612 | RunNo: 60711 | | | | | | | | |
| Prep Date: 6/14/2019 | Analysis Date: 6/17/2019 | SeqNo: 2054545 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.96 | 0.025 | 1.000 | 0 | 96.5 | 70 | 130 | | | |
| Toluene | 0.95 | 0.050 | 1.000 | 0 | 95.2 | 70 | 130 | | | |
| Ethylbenzene | 0.97 | 0.050 | 1.000 | 0 | 97.5 | 70 | 130 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 100 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.51 | | 0.5000 | | 102 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.49 | | 0.5000 | | 98.9 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.59 | | 0.5000 | | 118 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.48 | | 0.5000 | | 95.4 | 70 | 130 | | | |

| Sample ID: mb-45612 | SampType: MBLK | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 45612 | RunNo: 60711 | | | | | | | | |
| Prep Date: 6/14/2019 | Analysis Date: 6/17/2019 | SeqNo: 2054547 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.50 | | 0.5000 | | 101 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.50 | | 0.5000 | | 99.0 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.59 | | 0.5000 | | 118 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.47 | | 0.5000 | | 94.6 | 70 | 130 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1906782

25-Jun-19

Client: Enduring Resources

Project: NEU 315 H

| Sample ID: 100ng lcs | SampType: LCS | | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: R60797 | | RunNo: 60797 | | | | | | | |
| Prep Date: | Analysis Date: 6/19/2019 | | SeqNo: 2058061 | | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 18 | 1.0 | 20.00 | 0 | 88.9 | 70 | 130 | | | |
| Toluene | 18 | 1.0 | 20.00 | 0 | 87.6 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.3 | | 10.00 | | 92.8 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 10 | | 10.00 | | 99.7 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 11 | | 10.00 | | 108 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.3 | | 10.00 | | 92.8 | 70 | 130 | | | |

| Sample ID: rb | SampType: MBLK | | TestCode: EPA Method 8260: Volatiles Short List | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: R60797 | | RunNo: 60797 | | | | | | | |
| Prep Date: | Analysis Date: 6/19/2019 | | SeqNo: 2058075 | | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.0 | | 10.00 | | 90.4 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 10 | | 10.00 | | 102 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 11 | | 10.00 | | 105 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.6 | | 10.00 | | 96.0 | 70 | 130 | | | |

Qualifiers:

- * Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORTWO#: **1906782****Hall Environmental Analysis Laboratory, Inc.**

25-Jun-19

Client: Enduring Resources**Project:** NEU 315 H

| Sample ID: lcs-45612 | SampType: LCS | | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|------|----------|---------------------|------|----------|------|
| Client ID: LCSS | Batch ID: 45612 | | RunNo: 60711 | | | | | | | |
| Prep Date: 6/14/2019 | Analysis Date: 6/17/2019 | | SeqNo: 2054591 | | | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 5.0 | 25.00 | 0 | 95.3 | 70 | 130 | | | |
| Surr: BFB | 540 | | 500.0 | | 108 | 70 | 130 | | | |

| Sample ID: mb-45612 | SampType: MBLK | | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|------|----------|---------------------|------|----------|------|
| Client ID: PBS | Batch ID: 45612 | | RunNo: 60711 | | | | | | | |
| Prep Date: 6/14/2019 | Analysis Date: 6/17/2019 | | SeqNo: 2054592 | | | | Units: mg/Kg | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 550 | | 500.0 | | 111 | 70 | 130 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |



Hall Environmental Analysis Laboratory
 4901 Hawkins NE
 Albuquerque, NM 87109
 TEL: 505-345-3975 FAX: 505-345-4107
 Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: **ENDURING RESOURCE**

Work Order Number: **1906782**

RcptNo: 1

Received By: **Desiree Dominguez** 6/14/2019 7:55:00 AM
 Completed By: **Leah Baca** 6/14/2019 11:21:30 AM
 Reviewed By: *LB* *Leah Baca*

DD
Leah Baca

Chain of Custody

1. Is Chain of Custody complete? Yes No Not Present
 2. How was the sample delivered? Courier

Log In

3. Was an attempt made to cool the samples? Yes No NA
 4. Were all samples received at a temperature of >0° C to 6.0°C Yes No NA
 5. Sample(s) in proper container(s)? Yes No
 6. Sufficient sample volume for indicated test(s)? Yes No
 7. Are samples (except VOA and ONG) properly preserved? Yes No
 8. Was preservative added to bottles? Yes No NA
 9. VOA vials have zero headspace? Yes No No VOA Vials
 10. Were any sample containers received broken? Yes No
 11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes No
 12. Are matrices correctly identified on Chain of Custody? Yes No
 13. Is it clear what analyses were requested? Yes No
 14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes No

IO
 # of preserved bottles checked for pH: *6/14/19*
 (<2 or >12 unless noted)
 Adjusted? *←*
 Checked by: _____

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

Person Notified: _____ Date: _____
 By Whom: _____ Via: eMail Phone Fax In Person
 Regarding: _____
 Client Instructions: _____

16. Additional remarks:

17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 5.0 | Good | Yes | | | |
| 2 | 1.9 | Good | Yes | | | |

Chain-of-Custody Record

Client: Enduring Resources
 James McDaniel
 Mailing Address: 200 Energy Ct.
Farmington, NM 87401
 Phone #: 505.434.9731
 email or Fax#: J.mcdaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other
 EDD (Type) PPF

Turn-Around Time:
 Standard Rush
 Project Name:
NEW # 315 H
 Project #:
com

Project Manager:
Daniel Burns
 Sampler: CM/DB
 On Ice: Yes No
 # of Coolers: 2 5.2-0.2 = 5.0°C
 Cooler Temp (including CFI): 2.1 - 0.2 = 1.9°C

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------|-------|--------|-------------|----------------------|-------------------|----------|
| 6/13/19 | 10:15 | soil | EX-SW01 | 4oz jar | Cool | 1906782 |
| | 10:25 | | EX-SW02 | | | -001 |
| | 10:30 | | EX-FS01 | | | -002 |
| | 10:38 | | EX-FS02 | | | -003 |
| | 10:41 | | SA-104R | | | -004 |
| | 11:08 | | SA-081R | | | -005 |
| | 11:10 | | SA-078R | | | -006 |
| | 11:25 | | SA-060R | | | -007 |
| | 11:36 | | GR-07R | | | -008 |
| | 11:40 | | SA-055R | | | -009 |
| | 12:00 | | SA-007R | | | -010 |
| | 12:09 | | SB-007-01 | | | -011 |
| | | | | | | -012 |

Date: 6/13/19 Time: 11:20 Relinquished by: Carrie Mae
 Date: 6/13/19 Time: 18:26 Relinquished by: Johnnie White
 Received by: Johnnie White Date: 6/13/19 Time: 11:30
 Received by: DB Date: 6/14/19 Time: 7:55
 Via: Courier



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

| Analysis Request | | | | | | | | | | |
|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|--|-------------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| BTEX / MTBE / TMS (8021) | TPH:8015D(GRO / DRO / MRO) | 8081 Pesticides/8082 PCBs | EDB (Method 504.1) | PAHs by 8310 or 8270SIMS | RCRA 8 Metals | Cl ⁻ , Br ⁻ , NO ₃ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | |

Remarks: Report on dry weight basis
cc: dburns@henv.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.

Page 2 of 2

Chain-of-Custody Record

Client: Enduring Resources
 James McDaniel
 Mailing Address: 200 Energy Ct.
Farmington, NM 87401
 Phone #: 505-636-9731
 email or Fax#: j.mcdaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other

Turn-Around Time:
 Standard Rush
 Project Name:
NEU # 315 #
 Project #:
500
 Project Manager:
Daniel Burns
 Sampler: cm / DB
 On Ice: Yes No
 # of Coolers: 2 - 5.2-0.2 = 5.0°C
 Cooler Temp (including CF): 2.1 - 0.2 = 1.9°C

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------|-------|--------|-------------|----------------------|-------------------|----------|
| 6-18-19 | 12:15 | soil | SB-009-01 | 402 jar | cool | 1906782 |
| | 12:13 | | SB-011-01 | ↓ | ↓ | -014 |
| | 12:20 | | SB-C | ↓ | ↓ | -015 |
| | 12:22 | | SA-F | ↓ | ↓ | -016 |
| 6-18-19 | 12:53 | Aq. | FB-061319 | 3 VOAs | HCL | -017 |
| | 13:00 | ↓ | RB-061319 | 3 VOAs | HCL | -018 |
| 6-18-19 | 16:30 | ↓ | FB-061319 | 2 VOAs | HCL | -019 |
| | | | TB- | | | |

Date: 6/13/19 Time: 1630 Relinquished by: Caitl. Mea
 Date: 6/13/19 Time: 1826 Relinquished by: Christine
 Received by: Christine Date: 6/13/19 Time: 1630
 Received by: DBB Date: 6/14/19 Time: 7:53
 Via: Courier



HALL ENVIRONMENTAL ANALYSIS LABORATORY
 www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| | |
|--|---|
| BTEX / MTBE / TMB's (8021) | X |
| TPH:8015D(GRO / DRO / MRO) | X |
| 8081 Pesticides/8082 PCB's | |
| EDB (Method 504.1) | |
| PAHs by 8310 or 8270SIMS | |
| RCRA 8 Metals | |
| Cl ⁻ , F ⁻ , Br ⁻ , NO ₃ ⁻ , NO ₂ ⁻ , PO ₄ ³⁻ , SO ₄ ²⁻ | X |
| 8260 (VOA) | |
| 8270 (Semi-VOA) | |
| Total Coliform (Present/Absent) | |

Remarks: Report on dry weight basis
cc:dawns@henv.com

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

July 31, 2019

James McDaniel
Enduring Resources
200 Energy Court
Farmington, NM 87401
TEL:
FAX

RE: NEU 315H

OrderNo.: 1907B35

Dear James McDaniel:

Hall Environmental Analysis Laboratory received 23 sample(s) on 7/23/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-104 RR

Project: NEU 315H

Collection Date: 7/19/2019 10:25:00 AM

Lab ID: 1907B35-001

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/25/2019 6:55:52 PM | 46399 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.0 | | mg/Kg | 1 | 7/25/2019 12:18:08 PM | 46377 |
| Motor Oil Range Organics (MRO) | ND | 45 | | mg/Kg | 1 | 7/25/2019 12:18:08 PM | 46377 |
| Surr: DNOP | 110 | 70-130 | | %Rec | 1 | 7/25/2019 12:18:08 PM | 46377 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 7/25/2019 9:35:06 AM | 46353 |
| Surr: BFB | 108 | 73.8-119 | | %Rec | 1 | 7/25/2019 9:35:06 AM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 9:35:06 AM | 46353 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 9:35:06 AM | 46353 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 9:35:06 AM | 46353 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 7/25/2019 9:35:06 AM | 46353 |
| Surr: 4-Bromofluorobenzene | 90.8 | 80-120 | | %Rec | 1 | 7/25/2019 9:35:06 AM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1907B35

Date Reported: 7/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-104-1RR

Project: NEU 315H

Collection Date: 7/19/2019 10:27:00 AM

Lab ID: 1907B35-002

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/25/2019 7:08:17 PM | 46399 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.4 | | mg/Kg | 1 | 7/25/2019 12:40:11 PM | 46377 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 7/25/2019 12:40:11 PM | 46377 |
| Surr: DNOP | 84.6 | 70-130 | | %Rec | 1 | 7/25/2019 12:40:11 PM | 46377 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 10:42:59 AM | 46353 |
| Surr: BFB | 110 | 73.8-119 | | %Rec | 1 | 7/25/2019 10:42:59 AM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 10:42:59 AM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 10:42:59 AM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 10:42:59 AM | 46353 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 7/25/2019 10:42:59 AM | 46353 |
| Surr: 4-Bromofluorobenzene | 93.1 | 80-120 | | %Rec | 1 | 7/25/2019 10:42:59 AM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1907B35

Date Reported: 7/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: FS01R

Project: NEU 315H

Collection Date: 7/19/2019 10:30:00 AM

Lab ID: 1907B35-003

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/25/2019 7:45:31 PM | 46399 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | 460 | 9.6 | | mg/Kg | 1 | 7/27/2019 3:31:15 AM | 46377 |
| Motor Oil Range Organics (MRO) | 250 | 48 | | mg/Kg | 1 | 7/27/2019 3:31:15 AM | 46377 |
| Surr: DNOP | 124 | 70-130 | | %Rec | 1 | 7/27/2019 3:31:15 AM | 46377 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 7/25/2019 11:51:03 AM | 46353 |
| Surr: BFB | 107 | 73.8-119 | | %Rec | 1 | 7/25/2019 11:51:03 AM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 7/25/2019 11:51:03 AM | 46353 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 11:51:03 AM | 46353 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 11:51:03 AM | 46353 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 7/25/2019 11:51:03 AM | 46353 |
| Surr: 4-Bromofluorobenzene | 91.3 | 80-120 | | %Rec | 1 | 7/25/2019 11:51:03 AM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1907B35

Date Reported: 7/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-106

Project: NEU 315H

Collection Date: 7/19/2019 10:40:00 AM

Lab ID: 1907B35-004

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/25/2019 7:57:55 PM | 46399 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.3 | | mg/Kg | 1 | 7/27/2019 4:15:50 AM | 46377 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 7/27/2019 4:15:50 AM | 46377 |
| Surr: DNOP | 110 | 70-130 | | %Rec | 1 | 7/27/2019 4:15:50 AM | 46377 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 7/25/2019 12:13:48 PM | 46353 |
| Surr: BFB | 110 | 73.8-119 | | %Rec | 1 | 7/25/2019 12:13:48 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 12:13:48 PM | 46353 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 12:13:48 PM | 46353 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 12:13:48 PM | 46353 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 7/25/2019 12:13:48 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 92.8 | 80-120 | | %Rec | 1 | 7/25/2019 12:13:48 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-106-1

Project: NEU 315H

Collection Date: 7/19/2019 10:45:00 AM

Lab ID: 1907B35-005

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/25/2019 8:10:20 PM | 46399 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | 300 | 9.6 | | mg/Kg | 1 | 7/25/2019 7:36:13 PM | 46377 |
| Motor Oil Range Organics (MRO) | 160 | 48 | | mg/Kg | 1 | 7/25/2019 7:36:13 PM | 46377 |
| Surr: DNOP | 110 | 70-130 | | %Rec | 1 | 7/25/2019 7:36:13 PM | 46377 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 54 | 5.0 | | mg/Kg | 1 | 7/25/2019 12:36:32 PM | 46353 |
| Surr: BFB | 519 | 73.8-119 | S | %Rec | 1 | 7/25/2019 12:36:32 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 12:36:32 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 12:36:32 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 12:36:32 PM | 46353 |
| Xylenes, Total | 0.18 | 0.099 | | mg/Kg | 1 | 7/25/2019 12:36:32 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 110 | 80-120 | | %Rec | 1 | 7/25/2019 12:36:32 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1907B35

Date Reported: 7/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-106-3

Project: NEU 315H

Collection Date: 7/19/2019 10:47:00 AM

Lab ID: 1907B35-006

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/25/2019 8:22:44 PM | 46399 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.3 | | mg/Kg | 1 | 7/25/2019 7:58:31 PM | 46377 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 7/25/2019 7:58:31 PM | 46377 |
| Surr: DNOP | 98.6 | 70-130 | | %Rec | 1 | 7/25/2019 7:58:31 PM | 46377 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 7/25/2019 12:59:17 PM | 46353 |
| Surr: BFB | 117 | 73.8-119 | | %Rec | 1 | 7/25/2019 12:59:17 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 12:59:17 PM | 46353 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 12:59:17 PM | 46353 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 12:59:17 PM | 46353 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 7/25/2019 12:59:17 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 95.4 | 80-120 | | %Rec | 1 | 7/25/2019 12:59:17 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-107

Project: NEU 315H

Collection Date: 7/19/2019 11:00:00 AM

Lab ID: 1907B35-007

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/25/2019 8:35:09 PM | 46399 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg | 1 | 7/25/2019 8:20:40 PM | 46377 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 7/25/2019 8:20:40 PM | 46377 |
| Surr: DNOP | 99.3 | 70-130 | | %Rec | 1 | 7/25/2019 8:20:40 PM | 46377 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 1:22:03 PM | 46353 |
| Surr: BFB | 106 | 73.8-119 | | %Rec | 1 | 7/25/2019 1:22:03 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 1:22:03 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 1:22:03 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 1:22:03 PM | 46353 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 7/25/2019 1:22:03 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 88.5 | 80-120 | | %Rec | 1 | 7/25/2019 1:22:03 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-107-1

Project: NEU 315H

Collection Date: 7/19/2019 10:58:00 AM

Lab ID: 1907B35-008

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/25/2019 9:12:22 PM | 46399 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg | 1 | 7/25/2019 8:42:56 PM | 46377 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 7/25/2019 8:42:56 PM | 46377 |
| Surr: DNOP | 96.5 | 70-130 | | %Rec | 1 | 7/25/2019 8:42:56 PM | 46377 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 1:44:47 PM | 46353 |
| Surr: BFB | 110 | 73.8-119 | | %Rec | 1 | 7/25/2019 1:44:47 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 1:44:47 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 1:44:47 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 1:44:47 PM | 46353 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 7/25/2019 1:44:47 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 94.5 | 80-120 | | %Rec | 1 | 7/25/2019 1:44:47 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-108

Project: NEU 315H

Collection Date: 7/19/2019 11:17:00 AM

Lab ID: 1907B35-009

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/25/2019 9:24:46 PM | 46399 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 8.8 | | mg/Kg | 1 | 7/25/2019 9:05:13 PM | 46377 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg | 1 | 7/25/2019 9:05:13 PM | 46377 |
| Surr: DNOP | 96.5 | 70-130 | | %Rec | 1 | 7/25/2019 9:05:13 PM | 46377 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 2:07:38 PM | 46353 |
| Surr: BFB | 110 | 73.8-119 | | %Rec | 1 | 7/25/2019 2:07:38 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 2:07:38 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 2:07:38 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 2:07:38 PM | 46353 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 7/25/2019 2:07:38 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 91.4 | 80-120 | | %Rec | 1 | 7/25/2019 2:07:38 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-108-1

Project: NEU 315H

Collection Date: 7/19/2019 11:30:00 AM

Lab ID: 1907B35-010

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|---------------|-----------|-------------|--------------|-----------|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 59 | | mg/Kg | 20 | 7/26/2019 11:43:21 AM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | 17 | 9.1 | | mg/Kg | 1 | 7/26/2019 12:52:55 PM | 46394 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 7/26/2019 12:52:55 PM | 46394 |
| Surr: DNOP | 98.9 | 70-130 | | %Rec | 1 | 7/26/2019 12:52:55 PM | 46394 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 2:30:29 PM | 46353 |
| Surr: BFB | 109 | 73.8-119 | | %Rec | 1 | 7/25/2019 2:30:29 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 2:30:29 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 2:30:29 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 2:30:29 PM | 46353 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 7/25/2019 2:30:29 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 90.7 | 80-120 | | %Rec | 1 | 7/25/2019 2:30:29 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1907B35

Date Reported: 7/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-109

Project: NEU 315H

Collection Date: 7/19/2019 11:31:00 AM

Lab ID: 1907B35-011

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/26/2019 11:55:45 AM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.4 | | mg/Kg | 1 | 7/26/2019 1:15:01 PM | 46394 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 7/26/2019 1:15:01 PM | 46394 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 7/26/2019 1:15:01 PM | 46394 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 6:41:31 PM | 46353 |
| Surr: BFB | 105 | 73.8-119 | | %Rec | 1 | 7/25/2019 6:41:31 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 6:41:31 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 6:41:31 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 6:41:31 PM | 46353 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 7/25/2019 6:41:31 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 83.0 | 80-120 | | %Rec | 1 | 7/25/2019 6:41:31 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-109-1

Project: NEU 315H

Collection Date: 7/19/2019 11:33:00 AM

Lab ID: 1907B35-012

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 59 | | mg/Kg | 20 | 7/26/2019 12:57:48 PM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg | 1 | 7/26/2019 1:37:15 PM | 46394 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 7/26/2019 1:37:15 PM | 46394 |
| Surr: DNOP | 101 | 70-130 | | %Rec | 1 | 7/26/2019 1:37:15 PM | 46394 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 7:04:17 PM | 46353 |
| Surr: BFB | 108 | 73.8-119 | | %Rec | 1 | 7/25/2019 7:04:17 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 7:04:17 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 7:04:17 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 7:04:17 PM | 46353 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 7/25/2019 7:04:17 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 88.6 | 80-120 | | %Rec | 1 | 7/25/2019 7:04:17 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-110

Project: NEU 315H

Collection Date: 7/19/2019 11:50:00 AM

Lab ID: 1907B35-013

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/26/2019 1:35:02 PM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg | 1 | 7/26/2019 1:59:21 PM | 46394 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 7/26/2019 1:59:21 PM | 46394 |
| Surr: DNOP | 102 | 70-130 | | %Rec | 1 | 7/26/2019 1:59:21 PM | 46394 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 7:27:01 PM | 46353 |
| Surr: BFB | 108 | 73.8-119 | | %Rec | 1 | 7/25/2019 7:27:01 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 7:27:01 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 7:27:01 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 7:27:01 PM | 46353 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 7/25/2019 7:27:01 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 91.2 | 80-120 | | %Rec | 1 | 7/25/2019 7:27:01 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-110-1

Project: NEU 315H

Collection Date: 7/19/2019 11:51:00 AM

Lab ID: 1907B35-014

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 61 | | mg/Kg | 20 | 7/26/2019 1:47:26 PM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg | 1 | 7/26/2019 3:36:55 PM | 46401 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 7/26/2019 3:36:55 PM | 46401 |
| Surr: DNOP | 107 | 70-130 | | %Rec | 1 | 7/26/2019 3:36:55 PM | 46401 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 7:49:44 PM | 46353 |
| Surr: BFB | 104 | 73.8-119 | | %Rec | 1 | 7/25/2019 7:49:44 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 7:49:44 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 7:49:44 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 7:49:44 PM | 46353 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 7/25/2019 7:49:44 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 86.1 | 80-120 | | %Rec | 1 | 7/25/2019 7:49:44 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA111

Project: NEU 315H

Collection Date: 7/19/2019 12:03:00 PM

Lab ID: 1907B35-015

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/26/2019 1:59:50 PM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.9 | | mg/Kg | 1 | 7/26/2019 4:43:42 PM | 46401 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 7/26/2019 4:43:42 PM | 46401 |
| Surr: DNOP | 103 | 70-130 | | %Rec | 1 | 7/26/2019 4:43:42 PM | 46401 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 7/25/2019 8:12:28 PM | 46353 |
| Surr: BFB | 105 | 73.8-119 | | %Rec | 1 | 7/25/2019 8:12:28 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 8:12:28 PM | 46353 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 8:12:28 PM | 46353 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 8:12:28 PM | 46353 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 7/25/2019 8:12:28 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 87.9 | 80-120 | | %Rec | 1 | 7/25/2019 8:12:28 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-111-1

Project: NEU 315H

Collection Date: 7/19/2019 11:53:00 AM

Lab ID: 1907B35-016

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/26/2019 2:12:14 PM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 10 | | mg/Kg | 1 | 7/26/2019 5:05:52 PM | 46401 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 7/26/2019 5:05:52 PM | 46401 |
| Surr: DNOP | 102 | 70-130 | | %Rec | 1 | 7/26/2019 5:05:52 PM | 46401 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 8:35:09 PM | 46353 |
| Surr: BFB | 106 | 73.8-119 | | %Rec | 1 | 7/25/2019 8:35:09 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 8:35:09 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 8:35:09 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 8:35:09 PM | 46353 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 7/25/2019 8:35:09 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 89.5 | 80-120 | | %Rec | 1 | 7/25/2019 8:35:09 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1907B35

Date Reported: 7/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-C

Project: NEU 315H

Collection Date: 7/19/2019 11:53:00 AM

Lab ID: 1907B35-017

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/26/2019 2:24:38 PM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg | 1 | 7/26/2019 5:28:28 PM | 46401 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 7/26/2019 5:28:28 PM | 46401 |
| Surr: DNOP | 95.3 | 70-130 | | %Rec | 1 | 7/26/2019 5:28:28 PM | 46401 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 7/25/2019 8:57:50 PM | 46353 |
| Surr: BFB | 106 | 73.8-119 | | %Rec | 1 | 7/25/2019 8:57:50 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 7/25/2019 8:57:50 PM | 46353 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 8:57:50 PM | 46353 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 8:57:50 PM | 46353 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 7/25/2019 8:57:50 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 88.5 | 80-120 | | %Rec | 1 | 7/25/2019 8:57:50 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-G

Project: NEU 315H

Collection Date: 7/19/2019 12:03:00 PM

Lab ID: 1907B35-018

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/26/2019 3:01:52 PM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.6 | | mg/Kg | 1 | 7/26/2019 5:50:51 PM | 46401 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 7/26/2019 5:50:51 PM | 46401 |
| Surr: DNOP | 108 | 70-130 | | %Rec | 1 | 7/26/2019 5:50:51 PM | 46401 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 9:20:31 PM | 46353 |
| Surr: BFB | 106 | 73.8-119 | | %Rec | 1 | 7/25/2019 9:20:31 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 9:20:31 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 9:20:31 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 9:20:31 PM | 46353 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 7/25/2019 9:20:31 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 88.6 | 80-120 | | %Rec | 1 | 7/25/2019 9:20:31 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-003-1

Project: NEU 315H

Collection Date: 7/19/2019 12:11:00 PM

Lab ID: 1907B35-019

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/26/2019 3:14:17 PM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 9.5 | | mg/Kg | 1 | 7/26/2019 6:13:15 PM | 46401 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 7/26/2019 6:13:15 PM | 46401 |
| Surr: DNOP | 92.9 | 70-130 | | %Rec | 1 | 7/26/2019 6:13:15 PM | 46401 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 7/25/2019 9:43:12 PM | 46353 |
| Surr: BFB | 111 | 73.8-119 | | %Rec | 1 | 7/25/2019 9:43:12 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 9:43:12 PM | 46353 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 9:43:12 PM | 46353 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 7/25/2019 9:43:12 PM | 46353 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 7/25/2019 9:43:12 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 93.0 | 80-120 | | %Rec | 1 | 7/25/2019 9:43:12 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1907B35

Date Reported: 7/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-005-1

Project: NEU 315H

Collection Date: 7/19/2019 12:13:00 PM

Lab ID: 1907B35-020

Matrix: SOIL

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CAS |
| Chloride | ND | 61 | | mg/Kg | 20 | 7/26/2019 3:26:42 PM | 46414 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 8.7 | | mg/Kg | 1 | 7/26/2019 6:35:41 PM | 46401 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg | 1 | 7/26/2019 6:35:41 PM | 46401 |
| Surr: DNOP | 98.3 | 70-130 | | %Rec | 1 | 7/26/2019 6:35:41 PM | 46401 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 7/25/2019 10:06:00 PM | 46353 |
| Surr: BFB | 111 | 73.8-119 | | %Rec | 1 | 7/25/2019 10:06:00 PM | 46353 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/25/2019 10:06:00 PM | 46353 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 10:06:00 PM | 46353 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 7/25/2019 10:06:00 PM | 46353 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 7/25/2019 10:06:00 PM | 46353 |
| Surr: 4-Bromofluorobenzene | 91.9 | 80-120 | | %Rec | 1 | 7/25/2019 10:06:00 PM | 46353 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1907B35

Date Reported: 7/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: RB-71919

Project: NEU 315H

Collection Date: 7/19/2019 12:20:00 PM

Lab ID: 1907B35-021

Matrix: AQUEOUS

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 7/24/2019 4:53:00 PM | R61627 |
| Toluene | ND | 1.0 | | µg/L | 1 | 7/24/2019 4:53:00 PM | R61627 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 7/24/2019 4:53:00 PM | R61627 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 7/24/2019 4:53:00 PM | R61627 |
| Surr: 1,2-Dichloroethane-d4 | 100 | 70-130 | | %Rec | 1 | 7/24/2019 4:53:00 PM | R61627 |
| Surr: 4-Bromofluorobenzene | 94.5 | 70-130 | | %Rec | 1 | 7/24/2019 4:53:00 PM | R61627 |
| Surr: Dibromofluoromethane | 95.7 | 70-130 | | %Rec | 1 | 7/24/2019 4:53:00 PM | R61627 |
| Surr: Toluene-d8 | 98.5 | 70-130 | | %Rec | 1 | 7/24/2019 4:53:00 PM | R61627 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1907B35

Date Reported: 7/31/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: FB-71919

Project: NEU 315H

Collection Date: 7/19/2019 12:25:00 PM

Lab ID: 1907B35-022

Matrix: AQUEOUS

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|----------------------|--------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 7/24/2019 5:18:00 PM | R61627 |
| Toluene | ND | 1.0 | | µg/L | 1 | 7/24/2019 5:18:00 PM | R61627 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 7/24/2019 5:18:00 PM | R61627 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 7/24/2019 5:18:00 PM | R61627 |
| Surr: 1,2-Dichloroethane-d4 | 102 | 70-130 | | %Rec | 1 | 7/24/2019 5:18:00 PM | R61627 |
| Surr: 4-Bromofluorobenzene | 95.6 | 70-130 | | %Rec | 1 | 7/24/2019 5:18:00 PM | R61627 |
| Surr: Dibromofluoromethane | 97.8 | 70-130 | | %Rec | 1 | 7/24/2019 5:18:00 PM | R61627 |
| Surr: Toluene-d8 | 97.7 | 70-130 | | %Rec | 1 | 7/24/2019 5:18:00 PM | R61627 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1907B35**

Date Reported: **7/31/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: Trip Blank

Project: NEU 315H

Collection Date:

Lab ID: 1907B35-023

Matrix: AQUEOUS

Received Date: 7/23/2019 8:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: RAA |
| Benzene | ND | 1.0 | | µg/L | 1 | 7/24/2019 5:42:00 PM | R61627 |
| Toluene | ND | 1.0 | | µg/L | 1 | 7/24/2019 5:42:00 PM | R61627 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 7/24/2019 5:42:00 PM | R61627 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 7/24/2019 5:42:00 PM | R61627 |
| Surr: 1,2-Dichloroethane-d4 | 98.9 | 70-130 | | %Rec | 1 | 7/24/2019 5:42:00 PM | R61627 |
| Surr: 4-Bromofluorobenzene | 94.4 | 70-130 | | %Rec | 1 | 7/24/2019 5:42:00 PM | R61627 |
| Surr: Dibromofluoromethane | 94.3 | 70-130 | | %Rec | 1 | 7/24/2019 5:42:00 PM | R61627 |
| Surr: Toluene-d8 | 97.5 | 70-130 | | %Rec | 1 | 7/24/2019 5:42:00 PM | R61627 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1907B35

31-Jul-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: MB-46399 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46399 | RunNo: 61687 | | | | | | | | |
| Prep Date: 7/25/2019 | Analysis Date: 7/25/2019 | SeqNo: 2091060 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-46399 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46399 | RunNo: 61687 | | | | | | | | |
| Prep Date: 7/25/2019 | Analysis Date: 7/25/2019 | SeqNo: 2091061 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 91.1 | 90 | 110 | | | |

| Sample ID: MB-46414 | SampType: MBLK | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46414 | RunNo: 61674 | | | | | | | | |
| Prep Date: 7/26/2019 | Analysis Date: 7/26/2019 | SeqNo: 2091616 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-46414 | SampType: LCS | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46414 | RunNo: 61674 | | | | | | | | |
| Prep Date: 7/26/2019 | Analysis Date: 7/26/2019 | SeqNo: 2091617 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 92.7 | 90 | 110 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1907B35

31-Jul-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: LCS-46344 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46344 | RunNo: 61604 | | | | | | | | |
| Prep Date: 7/23/2019 | Analysis Date: 7/25/2019 | SeqNo: 2089021 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 4.3 | | 5.000 | | 85.8 | 70 | 130 | | | |

| Sample ID: MB-46344 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46344 | RunNo: 61604 | | | | | | | | |
| Prep Date: 7/23/2019 | Analysis Date: 7/25/2019 | SeqNo: 2089025 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 11 | | 10.00 | | 111 | 70 | 130 | | | |

| Sample ID: LCS-46377 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46377 | RunNo: 61651 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2089810 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47 | 10 | 50.00 | 0 | 94.5 | 63.9 | 124 | | | |
| Surr: DNOP | 4.3 | | 5.000 | | 85.5 | 70 | 130 | | | |

| Sample ID: MB-46377 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46377 | RunNo: 61651 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2089811 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 8.8 | | 10.00 | | 87.9 | 70 | 130 | | | |

| Sample ID: LCS-46394 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46394 | RunNo: 61668 | | | | | | | | |
| Prep Date: 7/25/2019 | Analysis Date: 7/26/2019 | SeqNo: 2091169 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 49 | 10 | 50.00 | 0 | 98.7 | 63.9 | 124 | | | |
| Surr: DNOP | 4.4 | | 5.000 | | 88.6 | 70 | 130 | | | |

| Sample ID: MB-46394 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46394 | RunNo: 61668 | | | | | | | | |
| Prep Date: 7/25/2019 | Analysis Date: 7/26/2019 | SeqNo: 2091171 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1907B35

31-Jul-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: MB-46394 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46394 | RunNo: 61668 | | | | | | | | |
| Prep Date: 7/25/2019 | Analysis Date: 7/26/2019 | SeqNo: 2091171 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.1 | | 10.00 | | 90.7 | 70 | 130 | | | |

| Sample ID: 1907B35-014AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SB-110-1 | Batch ID: 46401 | RunNo: 61669 | | | | | | | | |
| Prep Date: 7/25/2019 | Analysis Date: 7/26/2019 | SeqNo: 2091384 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 48 | 9.5 | 47.53 | 0 | 101 | 57 | 142 | | | |
| Surr: DNOP | 4.5 | | 4.753 | | 94.8 | 70 | 130 | | | |

| Sample ID: 1907B35-014AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: SB-110-1 | Batch ID: 46401 | RunNo: 61669 | | | | | | | | |
| Prep Date: 7/25/2019 | Analysis Date: 7/26/2019 | SeqNo: 2091385 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 48 | 9.6 | 47.80 | 0 | 99.8 | 57 | 142 | 0.715 | 20 | |
| Surr: DNOP | 4.5 | | 4.780 | | 93.2 | 70 | 130 | 0 | 0 | |

| Sample ID: LCS-46401 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46401 | RunNo: 61669 | | | | | | | | |
| Prep Date: 7/25/2019 | Analysis Date: 7/26/2019 | SeqNo: 2091395 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 46 | 10 | 50.00 | 0 | 92.0 | 63.9 | 124 | | | |
| Surr: DNOP | 4.3 | | 5.000 | | 85.9 | 70 | 130 | | | |

| Sample ID: MB-46401 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46401 | RunNo: 61669 | | | | | | | | |
| Prep Date: 7/25/2019 | Analysis Date: 7/26/2019 | SeqNo: 2091396 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 10 | | 10.00 | | 103 | 70 | 130 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1907B35

31-Jul-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: MB-46353 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46353 | RunNo: 61664 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2090250 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 1100 | | 1000 | | 109 | 73.8 | 119 | | | |

| Sample ID: LCS-46353 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46353 | RunNo: 61664 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2090251 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23 | 5.0 | 25.00 | 0 | 92.2 | 80.1 | 123 | | | |
| Surr: BFB | 1200 | | 1000 | | 122 | 73.8 | 119 | | | S |

| Sample ID: 1907B35-001AMS | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-104 RR | Batch ID: 46353 | RunNo: 61664 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2090253 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 28 | 5.0 | 24.80 | 0 | 113 | 69.1 | 142 | | | |
| Surr: BFB | 1200 | | 992.1 | | 124 | 73.8 | 119 | | | S |

| Sample ID: 1907B35-001AMSD | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: SA-104 RR | Batch ID: 46353 | RunNo: 61664 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2090254 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 28 | 5.0 | 24.78 | 0 | 113 | 69.1 | 142 | 0.488 | 20 | |
| Surr: BFB | 1200 | | 991.1 | | 125 | 73.8 | 119 | 0 | 0 | S |

| Sample ID: MB-46369 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------|---------------------------------|---|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46369 | RunNo: 61664 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2090275 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 1100 | | 1000 | | 109 | 73.8 | 119 | | | |

| Sample ID: LCS-46369 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------|---------------------------------|---|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46369 | RunNo: 61664 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2090276 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 1200 | | 1000 | | 124 | 73.8 | 119 | | | S |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1907B35

31-Jul-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: MB-46353 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46353 | RunNo: 61664 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2090296 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 1.000 | | 91.8 | 80 | 120 | | | |

| Sample ID: LCS-46353 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46353 | RunNo: 61664 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2090297 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.91 | 0.025 | 1.000 | 0 | 91.3 | 80 | 120 | | | |
| Toluene | 0.96 | 0.050 | 1.000 | 0 | 96.1 | 80 | 120 | | | |
| Ethylbenzene | 0.94 | 0.050 | 1.000 | 0 | 93.7 | 80 | 120 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 93.1 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.98 | | 1.000 | | 97.6 | 80 | 120 | | | |

| Sample ID: 1907B35-002AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SB-104-1RR | Batch ID: 46353 | RunNo: 61664 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2090300 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.99 | 0.025 | 1.000 | 0 | 99.2 | 63.9 | 127 | | | |
| Toluene | 1.0 | 0.050 | 1.000 | 0.004386 | 99.4 | 69.9 | 131 | | | |
| Ethylbenzene | 0.98 | 0.050 | 1.000 | 0 | 98.4 | 71 | 132 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 98.4 | 71.8 | 131 | | | |
| Surr: 4-Bromofluorobenzene | 0.96 | | 1.000 | | 95.5 | 80 | 120 | | | |

| Sample ID: 1907B35-002AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: SB-104-1RR | Batch ID: 46353 | RunNo: 61664 | | | | | | | | |
| Prep Date: 7/24/2019 | Analysis Date: 7/25/2019 | SeqNo: 2090301 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 1.0 | 0.025 | 0.9930 | 0 | 100 | 63.9 | 127 | 0.594 | 20 | |
| Toluene | 1.0 | 0.050 | 0.9930 | 0.004386 | 102 | 69.9 | 131 | 1.65 | 20 | |
| Ethylbenzene | 1.0 | 0.050 | 0.9930 | 0 | 101 | 71 | 132 | 2.26 | 20 | |
| Xylenes, Total | 3.0 | 0.099 | 2.979 | 0 | 101 | 71.8 | 131 | 1.81 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.95 | | 0.9930 | | 96.1 | 80 | 120 | 0 | 0 | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1907B35

31-Jul-19

Client: Enduring Resources**Project:** NEU 315H

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|--------|-----|-----------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: 100ng lcs SampType: LCS TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | | | |
| Client ID: LCSW Batch ID: R61627 RunNo: 61627 | | | | | | | | | | |
| Prep Date: Analysis Date: 7/24/2019 SeqNo: 2088804 Units: µg/L | | | | | | | | | | |
| Benzene | 18 | 1.0 | 20.00 | 0 | 89.1 | 70 | 130 | | | |
| Toluene | 20 | 1.0 | 20.00 | 0 | 98.2 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.7 | | 10.00 | | 96.9 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.8 | | 10.00 | | 98.4 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 9.3 | | 10.00 | | 93.1 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.8 | | 10.00 | | 98.3 | 70 | 130 | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|--------|-----|-----------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: rb SampType: MBLK TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | | | |
| Client ID: PBW Batch ID: R61627 RunNo: 61627 | | | | | | | | | | |
| Prep Date: Analysis Date: 7/24/2019 SeqNo: 2088805 Units: µg/L | | | | | | | | | | |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.7 | | 10.00 | | 96.9 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.7 | | 10.00 | | 97.3 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 9.5 | | 10.00 | | 94.6 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.8 | | 10.00 | | 98.1 | 70 | 130 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENDURING RESOURCE Work Order Number: 1907B35 RcptNo: 1

Received By: Desiree Dominguez 7/23/2019 8:00:00 AM

Completed By: Leah Baca 7/23/2019 8:34:52 AM

Reviewed By: DAD 7/23/19

Handwritten signatures: DD, Leah Baca

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [] No [checked] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. VOA vials have zero headspace? Yes [checked] No [] No VOA Vials []
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? (Note discrepancies on chain of custody) Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? (If no, notify customer for authorization.) Yes [checked] No []

of preserved bottles checked for pH: (< or >12 unless noted)
Adjusted?
Checked by: YG 7/23/19

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: Daniel Burns Date: 7/23/19
By Whom: Leah Baca Via: [checked] eMail [] Phone [] Fax [] In Person
Regarding: High receiving temp
Client Instructions: NO response continued with analysis

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Contains 2 rows of data.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

August 09, 2019

James McDaniel
Enduring Resources
332 Road 3100
Aztec, NM 87140
TEL:
FAX

RE: NEU 315H

OrderNo.: 1908147

Dear James McDaniel:

Hall Environmental Analysis Laboratory received 8 sample(s) on 8/3/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a white background.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **1908147**

Date Reported: **8/9/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: EX-FSO1RR

Project: NEU 315H

Collection Date: 8/2/2019 1:35:00 PM

Lab ID: 1908147-001

Matrix: MEOH (SOIL)

Received Date: 8/3/2019 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: CCM |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 8/6/2019 | R61938 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 8/6/2019 6:02:12 PM | 46621 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 3.9 | | mg/Kg-dr | 1 | 8/6/2019 5:06:43 PM | G61949 |
| Surr: BFB | 95.1 | 70-130 | | %Rec | 1 | 8/6/2019 5:06:43 PM | G61949 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 8/7/2019 9:21:59 AM | 46614 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 8/7/2019 9:21:59 AM | 46614 |
| Surr: DNOP | 95.2 | 70-130 | | %Rec | 1 | 8/7/2019 9:21:59 AM | 46614 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.020 | | mg/Kg-dr | 1 | 8/6/2019 5:06:43 PM | SS6194E |
| Toluene | ND | 0.039 | | mg/Kg-dr | 1 | 8/6/2019 5:06:43 PM | SS6194E |
| Ethylbenzene | ND | 0.039 | | mg/Kg-dr | 1 | 8/6/2019 5:06:43 PM | SS6194E |
| Xylenes, Total | ND | 0.079 | | mg/Kg-dr | 1 | 8/6/2019 5:06:43 PM | SS6194E |
| Surr: 1,2-Dichloroethane-d4 | 99.4 | 70-130 | | %Rec | 1 | 8/6/2019 5:06:43 PM | SS6194E |
| Surr: 4-Bromofluorobenzene | 96.8 | 70-130 | | %Rec | 1 | 8/6/2019 5:06:43 PM | SS6194E |
| Surr: Dibromofluoromethane | 103 | 70-130 | | %Rec | 1 | 8/6/2019 5:06:43 PM | SS6194E |
| Surr: Toluene-d8 | 96.1 | 70-130 | | %Rec | 1 | 8/6/2019 5:06:43 PM | SS6194E |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1908147

Date Reported: 8/9/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-106 R

Project: NEU 315H

Collection Date: 8/2/2019 1:30:00 PM

Lab ID: 1908147-002

Matrix: MEOH (SOIL)

Received Date: 8/3/2019 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: CCM |
| Percent Moisture | 13 | 1.0 | | wt% | 1 | 8/6/2019 | R61938 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 69 | | mg/Kg-dr | 20 | 8/6/2019 6:14:36 PM | 46621 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg-dr | 1 | 8/6/2019 6:32:58 PM | G61949 |
| Surr: BFB | 93.1 | 70-130 | | %Rec | 1 | 8/6/2019 6:32:58 PM | G61949 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 8/7/2019 9:44:15 AM | 46614 |
| Motor Oil Range Organics (MRO) | ND | 53 | | mg/Kg-dr | 1 | 8/7/2019 9:44:15 AM | 46614 |
| Surr: DNOP | 96.2 | 70-130 | | %Rec | 1 | 8/7/2019 9:44:15 AM | 46614 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.025 | | mg/Kg-dr | 1 | 8/6/2019 6:32:58 PM | SS6194E |
| Toluene | ND | 0.050 | | mg/Kg-dr | 1 | 8/6/2019 6:32:58 PM | SS6194E |
| Ethylbenzene | ND | 0.050 | | mg/Kg-dr | 1 | 8/6/2019 6:32:58 PM | SS6194E |
| Xylenes, Total | ND | 0.099 | | mg/Kg-dr | 1 | 8/6/2019 6:32:58 PM | SS6194E |
| Surr: 1,2-Dichloroethane-d4 | 94.8 | 70-130 | | %Rec | 1 | 8/6/2019 6:32:58 PM | SS6194E |
| Surr: 4-Bromofluorobenzene | 96.8 | 70-130 | | %Rec | 1 | 8/6/2019 6:32:58 PM | SS6194E |
| Surr: Dibromofluoromethane | 99.9 | 70-130 | | %Rec | 1 | 8/6/2019 6:32:58 PM | SS6194E |
| Surr: Toluene-d8 | 95.7 | 70-130 | | %Rec | 1 | 8/6/2019 6:32:58 PM | SS6194E |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1908147

Date Reported: 8/9/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SA-H

Project: NEU 315H

Collection Date: 8/2/2019 1:32:00 PM

Lab ID: 1908147-003

Matrix: MEOH (SOIL)

Received Date: 8/3/2019 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: CCM |
| Percent Moisture | 13 | 1.0 | | wt% | 1 | 8/6/2019 | R61938 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 8/6/2019 6:27:00 PM | 46621 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 5.1 | | mg/Kg-dr | 1 | 8/6/2019 7:59:00 PM | G61949 |
| Surr: BFB | 94.9 | 70-130 | | %Rec | 1 | 8/6/2019 7:59:00 PM | G61949 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 8/7/2019 9:19:56 AM | 46614 |
| Motor Oil Range Organics (MRO) | ND | 57 | | mg/Kg-dr | 1 | 8/7/2019 9:19:56 AM | 46614 |
| Surr: DNOP | 96.5 | 70-130 | | %Rec | 1 | 8/7/2019 9:19:56 AM | 46614 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.025 | | mg/Kg-dr | 1 | 8/6/2019 7:59:00 PM | SS6194E |
| Toluene | ND | 0.051 | | mg/Kg-dr | 1 | 8/6/2019 7:59:00 PM | SS6194E |
| Ethylbenzene | ND | 0.051 | | mg/Kg-dr | 1 | 8/6/2019 7:59:00 PM | SS6194E |
| Xylenes, Total | ND | 0.10 | | mg/Kg-dr | 1 | 8/6/2019 7:59:00 PM | SS6194E |
| Surr: 1,2-Dichloroethane-d4 | 87.5 | 70-130 | | %Rec | 1 | 8/6/2019 7:59:00 PM | SS6194E |
| Surr: 4-Bromofluorobenzene | 97.2 | 70-130 | | %Rec | 1 | 8/6/2019 7:59:00 PM | SS6194E |
| Surr: Dibromofluoromethane | 91.0 | 70-130 | | %Rec | 1 | 8/6/2019 7:59:00 PM | SS6194E |
| Surr: Toluene-d8 | 92.6 | 70-130 | | %Rec | 1 | 8/6/2019 7:59:00 PM | SS6194E |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1908147

Date Reported: 8/9/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: SB-106-01R

Project: NEU 315H

Collection Date: 8/2/2019 1:25:00 PM

Lab ID: 1908147-004

Matrix: MEOH (SOIL)

Received Date: 8/3/2019 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: CCM |
| Percent Moisture | 13 | 1.0 | | wt% | 1 | 8/6/2019 | R61938 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 68 | | mg/Kg-dr | 20 | 8/6/2019 6:39:25 PM | 46621 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg-dr | 1 | 8/6/2019 8:27:43 PM | G61949 |
| Surr: BFB | 93.4 | 70-130 | | %Rec | 1 | 8/6/2019 8:27:43 PM | G61949 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 11 | | mg/Kg-dr | 1 | 8/7/2019 9:44:10 AM | 46614 |
| Motor Oil Range Organics (MRO) | ND | 55 | | mg/Kg-dr | 1 | 8/7/2019 9:44:10 AM | 46614 |
| Surr: DNOP | 92.2 | 70-130 | | %Rec | 1 | 8/7/2019 9:44:10 AM | 46614 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.025 | | mg/Kg-dr | 1 | 8/6/2019 8:27:43 PM | SS6194E |
| Toluene | ND | 0.050 | | mg/Kg-dr | 1 | 8/6/2019 8:27:43 PM | SS6194E |
| Ethylbenzene | ND | 0.050 | | mg/Kg-dr | 1 | 8/6/2019 8:27:43 PM | SS6194E |
| Xylenes, Total | ND | 0.099 | | mg/Kg-dr | 1 | 8/6/2019 8:27:43 PM | SS6194E |
| Surr: 1,2-Dichloroethane-d4 | 95.1 | 70-130 | | %Rec | 1 | 8/6/2019 8:27:43 PM | SS6194E |
| Surr: 4-Bromofluorobenzene | 95.1 | 70-130 | | %Rec | 1 | 8/6/2019 8:27:43 PM | SS6194E |
| Surr: Dibromofluoromethane | 98.9 | 70-130 | | %Rec | 1 | 8/6/2019 8:27:43 PM | SS6194E |
| Surr: Toluene-d8 | 95.7 | 70-130 | | %Rec | 1 | 8/6/2019 8:27:43 PM | SS6194E |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order **1908147**

Date Reported: **8/9/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: GR-07RR

Project: NEU 315H

Collection Date: 8/2/2019 1:33:00 PM

Lab ID: 1908147-005

Matrix: MEOH (SOIL)

Received Date: 8/3/2019 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|----------|----|---------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: CCM |
| Percent Moisture | 16 | 1.0 | | wt% | 1 | 8/6/2019 | R61938 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 71 | | mg/Kg-dr | 20 | 8/6/2019 6:51:49 PM | 46621 |
| EPA METHOD 8015D MOD: GASOLINE RANGE | | | | | | | Analyst: JMR |
| Gasoline Range Organics (GRO) | 77 | 4.7 | | mg/Kg-dr | 1 | 8/6/2019 8:56:25 PM | G61949 |
| Surr: BFB | 94.1 | 70-130 | | %Rec | 1 | 8/6/2019 8:56:25 PM | G61949 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | 1900 | 120 | | mg/Kg-dr | 10 | 8/7/2019 8:55:34 AM | 46614 |
| Motor Oil Range Organics (MRO) | 650 | 580 | | mg/Kg-dr | 10 | 8/7/2019 8:55:34 AM | 46614 |
| Surr: DNOP | 0 | 70-130 | S | %Rec | 10 | 8/7/2019 8:55:34 AM | 46614 |
| EPA METHOD 8260B: VOLATILES SHORT LIST | | | | | | | Analyst: JMR |
| Benzene | ND | 0.024 | | mg/Kg-dr | 1 | 8/6/2019 8:56:25 PM | SS6194E |
| Toluene | ND | 0.047 | | mg/Kg-dr | 1 | 8/6/2019 8:56:25 PM | SS6194E |
| Ethylbenzene | ND | 0.047 | | mg/Kg-dr | 1 | 8/6/2019 8:56:25 PM | SS6194E |
| Xylenes, Total | 0.13 | 0.094 | | mg/Kg-dr | 1 | 8/6/2019 8:56:25 PM | SS6194E |
| Surr: 1,2-Dichloroethane-d4 | 98.2 | 70-130 | | %Rec | 1 | 8/6/2019 8:56:25 PM | SS6194E |
| Surr: 4-Bromofluorobenzene | 99.0 | 70-130 | | %Rec | 1 | 8/6/2019 8:56:25 PM | SS6194E |
| Surr: Dibromofluoromethane | 96.2 | 70-130 | | %Rec | 1 | 8/6/2019 8:56:25 PM | SS6194E |
| Surr: Toluene-d8 | 90.1 | 70-130 | | %Rec | 1 | 8/6/2019 8:56:25 PM | SS6194E |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order **1908147**

Date Reported: **8/9/2019**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: RB-080219

Project: NEU 315H

Collection Date: 8/2/2019 2:03:00 PM

Lab ID: 1908147-006

Matrix: AQUEOUS

Received Date: 8/3/2019 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|---------------------|---------------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: CCM |
| Benzene | ND | 1.0 | | µg/L | 1 | 8/6/2019 5:09:00 PM | SL61932 |
| Toluene | ND | 1.0 | | µg/L | 1 | 8/6/2019 5:09:00 PM | SL61932 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 8/6/2019 5:09:00 PM | SL61932 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 8/6/2019 5:09:00 PM | SL61932 |
| Surr: 1,2-Dichloroethane-d4 | 90.0 | 70-130 | | %Rec | 1 | 8/6/2019 5:09:00 PM | SL61932 |
| Surr: 4-Bromofluorobenzene | 94.1 | 70-130 | | %Rec | 1 | 8/6/2019 5:09:00 PM | SL61932 |
| Surr: Dibromofluoromethane | 92.7 | 70-130 | | %Rec | 1 | 8/6/2019 5:09:00 PM | SL61932 |
| Surr: Toluene-d8 | 91.9 | 70-130 | | %Rec | 1 | 8/6/2019 5:09:00 PM | SL61932 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| | | | | |
|--------------------|-----|---|----|---|
| Qualifiers: | * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| | D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix | | |

Analytical Report

Lab Order 1908147

Date Reported: 8/9/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: FB-080219

Project: NEU 315H

Collection Date: 8/2/2019 1:55:00 PM

Lab ID: 1908147-007

Matrix: AQUEOUS

Received Date: 8/3/2019 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|---------------------|---------------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: CCM |
| Benzene | ND | 1.0 | | µg/L | 1 | 8/6/2019 5:34:00 PM | SL61932 |
| Toluene | ND | 1.0 | | µg/L | 1 | 8/6/2019 5:34:00 PM | SL61932 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 8/6/2019 5:34:00 PM | SL61932 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 8/6/2019 5:34:00 PM | SL61932 |
| Surr: 1,2-Dichloroethane-d4 | 90.3 | 70-130 | | %Rec | 1 | 8/6/2019 5:34:00 PM | SL61932 |
| Surr: 4-Bromofluorobenzene | 94.1 | 70-130 | | %Rec | 1 | 8/6/2019 5:34:00 PM | SL61932 |
| Surr: Dibromofluoromethane | 92.3 | 70-130 | | %Rec | 1 | 8/6/2019 5:34:00 PM | SL61932 |
| Surr: Toluene-d8 | 92.9 | 70-130 | | %Rec | 1 | 8/6/2019 5:34:00 PM | SL61932 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1908147

Date Reported: 8/9/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: TB-080219

Project: NEU 315H

Collection Date:

Lab ID: 1908147-008

Matrix: AQUEOUS

Received Date: 8/3/2019 9:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|--------|------|-------|----|---------------------|---------------------|
| EPA METHOD 8260: VOLATILES SHORT LIST | | | | | | | Analyst: CCM |
| Benzene | ND | 1.0 | | µg/L | 1 | 8/6/2019 5:58:00 PM | SL61932 |
| Toluene | ND | 1.0 | | µg/L | 1 | 8/6/2019 5:58:00 PM | SL61932 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 8/6/2019 5:58:00 PM | SL61932 |
| Xylenes, Total | ND | 1.5 | | µg/L | 1 | 8/6/2019 5:58:00 PM | SL61932 |
| Surr: 1,2-Dichloroethane-d4 | 91.3 | 70-130 | | %Rec | 1 | 8/6/2019 5:58:00 PM | SL61932 |
| Surr: 4-Bromofluorobenzene | 94.6 | 70-130 | | %Rec | 1 | 8/6/2019 5:58:00 PM | SL61932 |
| Surr: Dibromofluoromethane | 94.5 | 70-130 | | %Rec | 1 | 8/6/2019 5:58:00 PM | SL61932 |
| Surr: Toluene-d8 | 91.6 | 70-130 | | %Rec | 1 | 8/6/2019 5:58:00 PM | SL61932 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908147

09-Aug-19

Client: Enduring Resources

Project: NEU 315H

| Sample ID: MB-46621 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46621 | RunNo: 61950 | | | | | | | | |
| Prep Date: 8/6/2019 | Analysis Date: 8/6/2019 | SeqNo: 2101175 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-46621 | SampType: lcs | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46621 | RunNo: 61950 | | | | | | | | |
| Prep Date: 8/6/2019 | Analysis Date: 8/6/2019 | SeqNo: 2101176 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 98.5 | 90 | 110 | | | |

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1908147

09-Aug-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: LCS-46614 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46614 | RunNo: 61951 | | | | | | | | |
| Prep Date: 8/6/2019 | Analysis Date: 8/7/2019 | SeqNo: 2101219 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 51 | 10 | 50.00 | 0 | 102 | 63.9 | 124 | | | |
| Surr: DNOP | 4.4 | | 5.000 | | 88.0 | 70 | 130 | | | |

| Sample ID: MB-46614 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46614 | RunNo: 61951 | | | | | | | | |
| Prep Date: 8/6/2019 | Analysis Date: 8/7/2019 | SeqNo: 2101220 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 12 | | 10.00 | | 121 | 70 | 130 | | | |

| Sample ID: LCS-46624 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 46624 | RunNo: 61951 | | | | | | | | |
| Prep Date: 8/6/2019 | Analysis Date: 8/7/2019 | SeqNo: 2101649 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 4.4 | | 5.000 | | 88.2 | 70 | 130 | | | |

| Sample ID: MB-46624 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------|--------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 46624 | RunNo: 61951 | | | | | | | | |
| Prep Date: 8/6/2019 | Analysis Date: 8/7/2019 | SeqNo: 2101650 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 8.8 | | 10.00 | | 87.9 | 70 | 130 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1908147

09-Aug-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: 100ng lcs | SampType: LCS | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: SS61949 | RunNo: 61949 | | | | | | | | |
| Prep Date: | Analysis Date: 8/6/2019 | SeqNo: 2101221 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.96 | 0.025 | 1.000 | 0 | 96.4 | 70 | 130 | | | |
| Toluene | 0.98 | 0.050 | 1.000 | 0 | 97.8 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.48 | | 0.5000 | | 95.2 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.50 | | 0.5000 | | 99.0 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.48 | | 0.5000 | | 96.9 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.49 | | 0.5000 | | 97.4 | 70 | 130 | | | |

| Sample ID: rb | SampType: MBLK | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: SS61949 | RunNo: 61949 | | | | | | | | |
| Prep Date: | Analysis Date: 8/6/2019 | SeqNo: 2101222 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.47 | | 0.5000 | | 93.4 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.50 | | 0.5000 | | 99.2 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.49 | | 0.5000 | | 97.2 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.50 | | 0.5000 | | 99.8 | 70 | 130 | | | |

| Sample ID: 1908147-001ams | SampType: MS | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: EX-FSO1RR | Batch ID: SS61949 | RunNo: 61949 | | | | | | | | |
| Prep Date: | Analysis Date: 8/6/2019 | SeqNo: 2101224 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.78 | 0.020 | 0.7870 | 0 | 98.8 | 68.9 | 131 | | | |
| Toluene | 0.79 | 0.039 | 0.7870 | 0 | 99.9 | 64.3 | 137 | | | |
| Surr: 1,2-Dichloroethane-d4 | 0.37 | | 0.3935 | | 95.0 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 0.38 | | 0.3935 | | 97.3 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 0.39 | | 0.3935 | | 98.9 | 70 | 130 | | | |
| Surr: Toluene-d8 | 0.37 | | 0.3935 | | 92.8 | 70 | 130 | | | |

| Sample ID: 1908147-001amsd | SampType: MSD | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: EX-FSO1RR | Batch ID: SS61949 | RunNo: 61949 | | | | | | | | |
| Prep Date: | Analysis Date: 8/6/2019 | SeqNo: 2101225 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.73 | 0.020 | 0.7870 | 0 | 92.5 | 68.9 | 131 | 6.64 | 20 | |
| Toluene | 0.71 | 0.039 | 0.7870 | 0 | 90.8 | 64.3 | 137 | 9.51 | 20 | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1908147

09-Aug-19

Client: Enduring Resources

Project: NEU 315H

| Sample ID: 1908147-001amsd | SampType: MSD | TestCode: EPA Method 8260B: Volatiles Short List | | | | | | | | |
|-----------------------------|-------------------------|--|-----------|-------------|------------------|----------|-----------|------|----------|------|
| Client ID: EX-FS01RR | Batch ID: SS61949 | RunNo: 61949 | | | | | | | | |
| Prep Date: | Analysis Date: 8/6/2019 | SeqNo: 2101225 | | | Units: mg/Kg-dry | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 1,2-Dichloroethane-d4 | 0.37 | | 0.3935 | | 95.2 | 70 | 130 | 0 | 0 | |
| Surr: 4-Bromofluorobenzene | 0.37 | | 0.3935 | | 94.9 | 70 | 130 | 0 | 0 | |
| Surr: Dibromofluoromethane | 0.38 | | 0.3935 | | 97.8 | 70 | 130 | 0 | 0 | |
| Surr: Toluene-d8 | 0.36 | | 0.3935 | | 92.4 | 70 | 130 | 0 | 0 | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**WO#: **1908147**

09-Aug-19

Client: Enduring Resources**Project:** NEU 315H

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|--------|-----|-----------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: 100ng lcs SampType: LCS TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | | | |
| Client ID: LCSW Batch ID: SL61932 RunNo: 61932 | | | | | | | | | | |
| Prep Date: Analysis Date: 8/6/2019 SeqNo: 2101007 Units: µg/L | | | | | | | | | | |
| Benzene | 19 | 1.0 | 20.00 | 0 | 95.4 | 70 | 130 | | | |
| Toluene | 19 | 1.0 | 20.00 | 0 | 96.1 | 70 | 130 | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.1 | | 10.00 | | 91.2 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.7 | | 10.00 | | 96.9 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 9.4 | | 10.00 | | 94.2 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.4 | | 10.00 | | 93.5 | 70 | 130 | | | |

| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
|---|--------|-----|-----------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: rb SampType: MBLK TestCode: EPA Method 8260: Volatiles Short List | | | | | | | | | | |
| Client ID: PBW Batch ID: SL61932 RunNo: 61932 | | | | | | | | | | |
| Prep Date: Analysis Date: 8/6/2019 SeqNo: 2101008 Units: µg/L | | | | | | | | | | |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 1.5 | | | | | | | | |
| Surr: 1,2-Dichloroethane-d4 | 9.0 | | 10.00 | | 90.4 | 70 | 130 | | | |
| Surr: 4-Bromofluorobenzene | 9.5 | | 10.00 | | 94.6 | 70 | 130 | | | |
| Surr: Dibromofluoromethane | 9.4 | | 10.00 | | 93.6 | 70 | 130 | | | |
| Surr: Toluene-d8 | 9.3 | | 10.00 | | 93.4 | 70 | 130 | | | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1908147

09-Aug-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: 2.5ug gro lcs | SampType: LCS | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|---------------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: G61949 | RunNo: 61949 | | | | | | | | |
| Prep Date: | Analysis Date: 8/6/2019 | SeqNo: 2101300 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 20 | 5.0 | 25.00 | 0 | 78.0 | 70 | 130 | | | |
| Surr: BFB | 450 | | 500.0 | | 89.3 | 70 | 130 | | | |

| Sample ID: rb | SampType: MBLK | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-------------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: G61949 | RunNo: 61949 | | | | | | | | |
| Prep Date: | Analysis Date: 8/6/2019 | SeqNo: 2101301 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 480 | | 500.0 | | 96.3 | 70 | 130 | | | |

| Sample ID: 1908147-002ams | SampType: MS | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-106 R | Batch ID: G61949 | RunNo: 61949 | | | | | | | | |
| Prep Date: | Analysis Date: 8/6/2019 | SeqNo: 2101553 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 19 | 5.0 | 24.76 | 0 | 77.2 | 68.2 | 135 | | | |
| Surr: BFB | 490 | | 495.1 | | 98.4 | 70 | 130 | | | |

| Sample ID: 1908147-002amsd | SampType: MSD | TestCode: EPA Method 8015D Mod: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-------------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: SA-106 R | Batch ID: G61949 | RunNo: 61949 | | | | | | | | |
| Prep Date: | Analysis Date: 8/6/2019 | SeqNo: 2101554 | Units: mg/Kg-dry | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 18 | 5.0 | 24.76 | 0 | 74.3 | 68.2 | 135 | 3.85 | 20 | |
| Surr: BFB | 470 | | 495.1 | | 95.1 | 70 | 130 | 0 | 0 | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENDURING RESOURCE Work Order Number: 1908147 RcptNo: 1

Received By: Erin Melendrez 8/3/2019 9:30:00 AM
Completed By: Erin Melendrez 8/5/2019 8:39:55 AM
Reviewed By: IO 8/5/19

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. VOA vials have zero headspace? Yes [checked] No [] No VOA Vials []
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? Yes [checked] No []

of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: DAD 8/5/19

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: Date:
By Whom: Via: [] eMail [] Phone [] Fax [] In Person
Regarding:
Client Instructions:

16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 5.6, Good, Yes, [], [], []

Chain-of-Custody Record

Client: Enduring Resources
 James McDaniel
 Mailing Address: 200 Energy Ct.
Farmington, NM 87401
 Phone #: 505.463.9731
 email or Fax#: Jmcdaniel@enduringresources.com
 QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance
 NELAC Other

Project Name: NEU # 315 H
 Project #: 077919003
 Project Manager: James McDaniel - Enduring
Daniel Burns - LTE
Ashley Rayer - LTE
 Sampler: CM
 On Job: Yes No

of Coolers: 1
 Cooler Temp (including CF): 5.7 - 0.1 (CF) = 5.6°C

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No |
|------|-------|---------|--------------|----------------------|-------------------|---------|
| 8-29 | 13:35 | Soil | EX-FS01RR | 402 jar | COOL | 1908147 |
| | 13:30 | | SA-106 R | | | -001 |
| | 13:32 | | SA - H | | | -002 |
| | 13:25 | | SB-106 - 01R | | | -003 |
| | 13:33 | | GR-07RR | | | -004 |
| | 14:03 | Aqueous | RB-080219 | 3 VOA'S | HCL | -005 |
| | 13:55 | | FB-080219 | 3 VOA'S | | -006 |
| | | | TB-080219 | 2 VOA'S | | -007 |
| | | | | | | -008 |

Date: 8-29 Time: 1103 Relinquished by: James McDaniel
 Date: 8/29 Time: 1810 Relinquished by: James McDaniel

Turn-Around Time: Results by noon 8/7
 Standard Rush
 Project Name: NEU # 315 H

Project #: 077919003
 Project Manager: James McDaniel - Enduring
Daniel Burns - LTE
Ashley Rayer - LTE
 Sampler: CM

TPH:8015(DRO / DRO / MRO) X
 8081 Pesticides/8082 PCBs
 EDB (Method 504.1)
 PAHs by 8310 or 8270SIMS
 RCRA 8 Metals
 (C) F, Br, NO₃, NO₂, PO₄, SO₄
 8260 (VOA)
 8270 (Semi-VOA)
 Total Coliform (Present/Absent)

| Analysis Request | Results |
|--|---------|
| BTEX / MTBE / TMB / (8021) | X |
| TPH:8015(DRO / DRO / MRO) | X |
| 8081 Pesticides/8082 PCBs | |
| EDB (Method 504.1) | |
| PAHs by 8310 or 8270SIMS | |
| RCRA 8 Metals | |
| (C) F, Br, NO ₃ , NO ₂ , PO ₄ , SO ₄ | X |
| 8260 (VOA) | |
| 8270 (Semi-VOA) | |
| Total Coliform (Present/Absent) | |

Received by: James McDaniel Date: 8/29 Time: 1602
 Received by: James McDaniel Date: 8/31/19 Time: 0930

Remarks:
Report on dry weight basis
cc: dburnse@tenv.com

If necessary, samples submitted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

September 11, 2019

James McDaniel
Enduring Resources
332 Road 3100
Aztec, NM 87140
TEL:
FAX:

RE: NEU 315H

OrderNo.: 1909211

Dear James McDaniel:

Hall Environmental Analysis Laboratory received 4 sample(s) on 9/5/2019 for the analyses presented in the following report.

These were analyzed according to EPA procedures or equivalent. To access our accredited tests please go to www.hallenvironmental.com or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

Please don't hesitate to contact HEAL for any additional information or clarifications.

ADHS Cert #AZ0682 -- NMED-DWB Cert #NM9425 -- NMED-Micro Cert #NM0901

Sincerely,

A handwritten signature in black ink, appearing to read "Andy Freeman", is written over a light blue horizontal line.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order 1909211

Date Reported: 9/11/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: GR-07RRR

Project: NEU 315H

Collection Date: 9/4/2019 10:20:00 AM

Lab ID: 1909211-001

Matrix: SOIL

Received Date: 9/5/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|----------|----|-----------------------|---------------------|
| PERCENT MOISTURE | | | | | | | Analyst: JMR |
| Percent Moisture | 17 | 1.0 | | wt% | 1 | 9/6/2019 | R62758 |
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: CJS |
| Chloride | ND | 72 | | mg/Kg-dr | 20 | 9/10/2019 11:40:57 PM | 47385 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: BRM |
| Diesel Range Organics (DRO) | ND | 12 | | mg/Kg-dr | 1 | 9/11/2019 12:38:15 AM | 47353 |
| Motor Oil Range Organics (MRO) | ND | 58 | | mg/Kg-dr | 1 | 9/11/2019 12:38:15 AM | 47353 |
| Surr: DNOP | 103 | 70-130 | | %Rec | 1 | 9/11/2019 12:38:15 AM | 47353 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 5.9 | | mg/Kg-dr | 1 | 9/10/2019 5:20:29 PM | 47346 |
| Surr: BFB | 100 | 77.4-118 | | %Rec | 1 | 9/10/2019 5:20:29 PM | 47346 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.030 | | mg/Kg-dr | 1 | 9/10/2019 5:20:29 PM | 47346 |
| Toluene | ND | 0.059 | | mg/Kg-dr | 1 | 9/10/2019 5:20:29 PM | 47346 |
| Ethylbenzene | ND | 0.059 | | mg/Kg-dr | 1 | 9/10/2019 5:20:29 PM | 47346 |
| Xylenes, Total | ND | 0.12 | | mg/Kg-dr | 1 | 9/10/2019 5:20:29 PM | 47346 |
| Surr: 4-Bromofluorobenzene | 86.1 | 80-120 | | %Rec | 1 | 9/10/2019 5:20:29 PM | 47346 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1909211

Date Reported: 9/11/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: RB-90419

Project: NEU 315H

Collection Date: 9/4/2019 10:35:00 AM

Lab ID: 1909211-002

Matrix: AQUEOUS

Received Date: 9/5/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|------------------------------------|--------|--------|------|-------|----|---------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 1.0 | | µg/L | 1 | 9/6/2019 1:38:07 PM | B62709 |
| Toluene | ND | 1.0 | | µg/L | 1 | 9/6/2019 1:38:07 PM | B62709 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 9/6/2019 1:38:07 PM | B62709 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 9/6/2019 1:38:07 PM | B62709 |
| Surr: 4-Bromofluorobenzene | 87.6 | 80-120 | | %Rec | 1 | 9/6/2019 1:38:07 PM | B62709 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1909211

Date Reported: 9/11/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: FB-90419

Project: NEU 315H

Collection Date: 9/4/2019 10:40:00 AM

Lab ID: 1909211-003

Matrix: AQUEOUS

Received Date: 9/5/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|------------------------------------|--------|--------|------|-------|----|---------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 1.0 | | µg/L | 1 | 9/6/2019 2:48:51 PM | B62709 |
| Toluene | ND | 1.0 | | µg/L | 1 | 9/6/2019 2:48:51 PM | B62709 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 9/6/2019 2:48:51 PM | B62709 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 9/6/2019 2:48:51 PM | B62709 |
| Surr: 4-Bromofluorobenzene | 94.5 | 80-120 | | %Rec | 1 | 9/6/2019 2:48:51 PM | B62709 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

Analytical Report

Lab Order 1909211

Date Reported: 9/11/2019

Hall Environmental Analysis Laboratory, Inc.

CLIENT: Enduring Resources

Client Sample ID: TB-90419

Project: NEU 315H

Collection Date: 9/4/2019 12:00:00 PM

Lab ID: 1909211-004

Matrix: AQUEOUS

Received Date: 9/5/2019 8:15:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|------------------------------------|--------|--------|------|-------|----|---------------------|---------------------|
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 1.0 | | µg/L | 1 | 9/6/2019 3:36:17 PM | B62709 |
| Toluene | ND | 1.0 | | µg/L | 1 | 9/6/2019 3:36:17 PM | B62709 |
| Ethylbenzene | ND | 1.0 | | µg/L | 1 | 9/6/2019 3:36:17 PM | B62709 |
| Xylenes, Total | ND | 2.0 | | µg/L | 1 | 9/6/2019 3:36:17 PM | B62709 |
| Surr: 4-Bromofluorobenzene | 96.5 | 80-120 | | %Rec | 1 | 9/6/2019 3:36:17 PM | B62709 |

Refer to the QC Summary report and sample login checklist for flagged QC data and preservation information.

| Qualifiers: | | |
|-------------|---|---|
| * | Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 1909211

11-Sep-19

Client: Enduring Resources

Project: NEU 315H

| Sample ID: MB-47385 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 47385 | RunNo: 62808 | | | | | | | | |
| Prep Date: 9/10/2019 | Analysis Date: 9/10/2019 | SeqNo: 2139935 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-47385 | SampType: lcs | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 47385 | RunNo: 62808 | | | | | | | | |
| Prep Date: 9/10/2019 | Analysis Date: 9/10/2019 | SeqNo: 2139936 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 96.8 | 90 | 110 | | | |

Qualifiers:

- | | |
|---|---|
| * Value exceeds Maximum Contaminant Level. | B Analyte detected in the associated Method Blank |
| D Sample Diluted Due to Matrix | E Value above quantitation range |
| H Holding times for preparation or analysis exceeded | J Analyte detected below quantitation limits |
| ND Not Detected at the Reporting Limit | P Sample pH Not In Range |
| PQL Practical Quantitative Limit | RL Reporting Limit |
| S % Recovery outside of range due to dilution or matrix | |

QC SUMMARY REPORT

WO#: 1909211

Hall Environmental Analysis Laboratory, Inc.

11-Sep-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: LCS-47353 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 47353 | RunNo: 62773 | | | | | | | | |
| Prep Date: 9/9/2019 | Analysis Date: 9/10/2019 | SeqNo: 2140184 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 61 | 10 | 50.00 | 0 | 121 | 63.9 | 124 | | | |
| Surr: DNOP | 5.9 | | 5.000 | | 117 | 70 | 130 | | | |

| Sample ID: MB-47353 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 47353 | RunNo: 62773 | | | | | | | | |
| Prep Date: 9/9/2019 | Analysis Date: 9/10/2019 | SeqNo: 2140185 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 10 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 11 | | 10.00 | | 111 | 70 | 130 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1909211

11-Sep-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: MB-47346 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 47346 | RunNo: 62805 | | | | | | | | |
| Prep Date: 9/9/2019 | Analysis Date: 9/10/2019 | SeqNo: 2139679 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND | 5.0 | | | | | | | | |
| Surr: BFB | 1000 | | 1000 | | 100 | 77.4 | 118 | | | |

| Sample ID: LCS-47346 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 47346 | RunNo: 62805 | | | | | | | | |
| Prep Date: 9/9/2019 | Analysis Date: 9/10/2019 | SeqNo: 2139680 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23 | 5.0 | 25.00 | 0 | 92.5 | 80 | 120 | | | |
| Surr: BFB | 1200 | | 1000 | | 116 | 77.4 | 118 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT

WO#: 1909211

Hall Environmental Analysis Laboratory, Inc.

11-Sep-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: MB-47346 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|---------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 47346 | RunNo: 62805 | | | | | | | | |
| Prep Date: 9/9/2019 | Analysis Date: 9/10/2019 | SeqNo: 2139720 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 0.025 | | | | | | | | |
| Toluene | ND | 0.050 | | | | | | | | |
| Ethylbenzene | ND | 0.050 | | | | | | | | |
| Xylenes, Total | ND | 0.10 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 0.85 | | 1.000 | | 84.6 | 80 | 120 | | | |

| Sample ID: LCS-47346 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|---------------------------------|--|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 47346 | RunNo: 62805 | | | | | | | | |
| Prep Date: 9/9/2019 | Analysis Date: 9/10/2019 | SeqNo: 2139721 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.88 | 0.025 | 1.000 | 0 | 88.1 | 80 | 120 | | | |
| Toluene | 0.92 | 0.050 | 1.000 | 0 | 92.0 | 80 | 120 | | | |
| Ethylbenzene | 0.93 | 0.050 | 1.000 | 0 | 93.4 | 80 | 120 | | | |
| Xylenes, Total | 2.7 | 0.10 | 3.000 | 0 | 90.2 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.88 | | 1.000 | | 88.3 | 80 | 120 | | | |

Qualifiers:

| | | | |
|-----|---|----|---|
| * | Value exceeds Maximum Contaminant Level. | B | Analyte detected in the associated Method Blank |
| D | Sample Diluted Due to Matrix | E | Value above quantitation range |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix | | |

QC SUMMARY REPORT**Hall Environmental Analysis Laboratory, Inc.**

WO#: 1909211

11-Sep-19

Client: Enduring Resources**Project:** NEU 315H

| Sample ID: RB | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|--------------------------------|--|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBW | Batch ID: B62709 | RunNo: 62709 | | | | | | | | |
| Prep Date: | Analysis Date: 9/6/2019 | SeqNo: 2136743 | | | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | ND | 1.0 | | | | | | | | |
| Toluene | ND | 1.0 | | | | | | | | |
| Ethylbenzene | ND | 1.0 | | | | | | | | |
| Xylenes, Total | ND | 2.0 | | | | | | | | |
| Surr: 4-Bromofluorobenzene | 19 | | 20.00 | | 95.4 | 80 | 120 | | | |

| Sample ID: 100NG BTEX LCS | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|--------------------------------|--|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: LCSW | Batch ID: B62709 | RunNo: 62709 | | | | | | | | |
| Prep Date: | Analysis Date: 9/6/2019 | SeqNo: 2136744 | | | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 20 | 1.0 | 20.00 | 0 | 98.3 | 80 | 120 | | | |
| Toluene | 20 | 1.0 | 20.00 | 0 | 98.8 | 80 | 120 | | | |
| Ethylbenzene | 19 | 1.0 | 20.00 | 0 | 96.6 | 80 | 120 | | | |
| Xylenes, Total | 59 | 2.0 | 60.00 | 0 | 97.9 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 20 | | 20.00 | | 101 | 80 | 120 | | | |

| Sample ID: 1909211-002AMS | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|--------------------------------|--|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: RB-90419 | Batch ID: B62709 | RunNo: 62709 | | | | | | | | |
| Prep Date: | Analysis Date: 9/6/2019 | SeqNo: 2136754 | | | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 21 | 1.0 | 20.00 | 0.3140 | 103 | 80 | 120 | | | |
| Toluene | 21 | 1.0 | 20.00 | 0.4220 | 105 | 75.5 | 120 | | | |
| Ethylbenzene | 22 | 1.0 | 20.00 | 0 | 108 | 80 | 120 | | | |
| Xylenes, Total | 65 | 2.0 | 60.00 | 0 | 109 | 77.3 | 119 | | | |
| Surr: 4-Bromofluorobenzene | 22 | | 20.00 | | 109 | 80 | 120 | | | |

| Sample ID: 1909211-002AMSD | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|--------------------------------|--|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: RB-90419 | Batch ID: B62709 | RunNo: 62709 | | | | | | | | |
| Prep Date: | Analysis Date: 9/6/2019 | SeqNo: 2136755 | | | Units: µg/L | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 19 | 1.0 | 20.00 | 0.3140 | 92.1 | 80 | 120 | 11.2 | 20 | |
| Toluene | 19 | 1.0 | 20.00 | 0.4220 | 93.3 | 75.5 | 120 | 11.7 | 20 | |
| Ethylbenzene | 19 | 1.0 | 20.00 | 0 | 94.6 | 80 | 120 | 12.9 | 20 | |
| Xylenes, Total | 57 | 2.0 | 60.00 | 0 | 95.5 | 77.3 | 119 | 13.0 | 20 | |
| Surr: 4-Bromofluorobenzene | 20 | | 20.00 | | 101 | 80 | 120 | 0 | 0 | |

Qualifiers:

* Value exceeds Maximum Contaminant Level.
D Sample Diluted Due to Matrix
H Holding times for preparation or analysis exceeded
ND Not Detected at the Reporting Limit
PQL Practical Quantitative Limit
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank
E Value above quantitation range
J Analyte detected below quantitation limits
P Sample pH Not In Range
RL Reporting Limit



Hall Environmental Analysis Laboratory
4901 Hawkins NE
Albuquerque, NM 87109
TEL: 505-345-3975 FAX: 505-345-4107
Website: www.hallenvironmental.com

Sample Log-In Check List

Client Name: ENDURING RESOURCE Work Order Number: 1909211 RcptNo: 1

Received By: Daniel Marquez 9/5/2019 8:15:00 AM

Completed By: Leah Baca 9/5/2019 1:36:18 PM

Reviewed By: [Signature] 9/5/19

[Signature]

Chain of Custody

- 1. Is Chain of Custody complete? Yes [checked] No [] Not Present []
2. How was the sample delivered? Courier

Log In

- 3. Was an attempt made to cool the samples? Yes [checked] No [] NA []
4. Were all samples received at a temperature of >0° C to 6.0°C Yes [checked] No [] NA []
5. Sample(s) in proper container(s)? Yes [checked] No []
6. Sufficient sample volume for indicated test(s)? Yes [checked] No []
7. Are samples (except VOA and ONG) properly preserved? Yes [checked] No []
8. Was preservative added to bottles? Yes [] No [checked] NA []
9. VOA vials have zero headspace? Yes [checked] No [] No VOA Vials []
10. Were any sample containers received broken? Yes [] No [checked]
11. Does paperwork match bottle labels? Yes [checked] No []
12. Are matrices correctly identified on Chain of Custody? Yes [checked] No []
13. Is it clear what analyses were requested? Yes [checked] No []
14. Were all holding times able to be met? Yes [checked] No []

of preserved bottles checked for pH: (<2 or >12 unless noted)
Adjusted?
Checked by: DAD 9/5/19

Special Handling (if applicable)

- 15. Was client notified of all discrepancies with this order? Yes [] No [] NA [checked]

Person Notified: [] Date: []
By Whom: [] Via: [] eMail [] Phone [] Fax [] In Person []
Regarding: []
Client Instructions: []

16. Additional remarks:

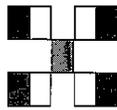
17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 3.3, Good, Yes, [], [], []

Chain-of-Custody Record

Client: Enduring Resources
 Mailing Address: James McDaniel
 Project Name: NEU # 315H
 Project #: _____
 Project Manager: Danny Burns - LTE
 Sampler: Eric Carroll
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CP): 3.6-0.3-3.3°C
 Accreditation: Az Compliance Level 4 (Full Validation)
 NELAC Other
 EDD (Type) PDF

Turn-Around Time:
 Standard Rush
 Project Name:
NEU # 315H
 Project #:



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| | | | | | | | | | |
|--|---|---|---|---|--|---|-------------------------------------|--|--|
| <input checked="" type="checkbox"/> BTEX | <input type="checkbox"/> TPH:8015D(GRO / DRO / MRO) | <input type="checkbox"/> 8081 Pesticides/8082 PCB's | <input type="checkbox"/> EDB (Method 504.1) | <input type="checkbox"/> PAHs by 8310 or 8270SIMS | <input type="checkbox"/> RCRA 8 Metals | <input checked="" type="checkbox"/> Cl F B NO₂ NO₃ NO_x PO₄ SO₄ | <input type="checkbox"/> 8260 (VOA) | <input type="checkbox"/> 8270 (Semi-VOA) | <input type="checkbox"/> Total Coliform (Present/Absent) |
|--|---|---|---|---|--|---|-------------------------------------|--|--|

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------|------|---------|-------------|----------------------|-------------------|----------|
| 9/14/19 | 1020 | Soil | GR-07 RRR | 1 492 | Cool | 1909211 |
| 9/14/19 | 1035 | Aqueous | RB-90819 | 3 VOA | HCl | -007 |
| ↓ | 1040 | Aqueous | FB-90819 | 3 VOA | HCl | -003 |
| ↓ | 1200 | ↓ | TB-90819 | 2 VOA | HCl | -004 |
| | | | TBA | | | |

Remarks: Change Ag IDs to 90419 per Eric of 9/6
Please report on a dry weight basis
 CC: dburns@henu.com
ecarroll@henu.com

Relinquished by: Eric Carroll
 Date: 9/14/19 Time: 1330
 Relinquished by: Eric Carroll
 Date: 9/14/19 Time: 1910

Received by: Must Jank
 Date: 9/19/19 Time: 1330
 Received by: Eric Carroll
 Date: 9/18/19 Time: 8:15

If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report.