

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

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

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

| | |
|----------------|----------------|
| Incident ID | nAPP2202535253 |
| District RP | |
| Facility ID | |
| Application ID | |

Release Notification

Responsible Party

| | |
|---|-----------------------------------|
| Responsible Party EOG Resources, Inc. | OGRID 7377 |
| Contact Name Robert Asher | Contact Telephone 575-748-4217 |
| Contact email bob_asher@eogresources.com | Incident # nAPP2202535253 |
| Contact mailing address 104 S. 4 th Street, Artesia, NM 88210 | |

Location of Release Source

Latitude 33.39837 Longitude -103.63657
(NAD 83 in decimal degrees to 5 decimal places)

| | |
|------------------------------------|--------------------|
| Site Name: Raitt BID State #1 | Site Type: Battery |
| Date Release Discovered: 1/12/2022 | API# 30-025-37982 |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| P | 35 | 10S | 32E | Lea |

Surface Owner: State Federal Tribal Private (Name: _____)

Nature and Volume of Release

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

| | | |
|---|--|--|
| <input checked="" type="checkbox"/> Crude Oil | Volume Released (bbls) 27 | Volume Recovered (bbls) 5 |
| <input type="checkbox"/> Produced Water | Volume Released (bbls) | Volume Recovered (bbls) |
| | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate | Volume Released (bbls) | Volume Recovered (bbls) |
| <input type="checkbox"/> Natural Gas | Volume Released (Mcf) | Volume Recovered (Mcf) |
| <input type="checkbox"/> Other (Fresh Water) | Volume/Weight Released (bbls) | Volume/Weight Recovered (bbls) |

Cause of Release:
4" load line valve frozen and separated causing release of 27 B/O. 5 B/O was recovered and 22 B/O entrained in gravel.
The battery is a lined and bermed containment.

State of New Mexico
Oil Conservation Division

Page 2

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| Incident ID | |
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| | |
|---|--|
| 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? An unauthorized release of a volume, excluding gases, of 25 barrels or more. |
|---|--|

If YES, was immediate notice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)?
 Jim Griswold, Mike Bratcher & Rob Hamlet/NMOCD by email (1/13/2022).

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 checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately. |
|--|

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

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

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

Printed Name: Robert Asher Title: Environmental Supervisor
 Signature:  Date: 1/25/2022
 email: bob_asher@eogresources.com Telephone: 575-748-4217

OCD Only
 Received by: _____ Date: _____

| | |
|----------------|----------------|
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Site Assessment/Characterization

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

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

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

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

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

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

State of New Mexico
Oil Conservation Division

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr

Signature: Chase Settle Date: 04/08/2022

email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

| | |
|----------------|----------------|
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Remediation Plan

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

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr
 Signature: Chase Settle Date: 04/08/2022
 email: Chase_Settle@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

- Approved Approved with Attached Conditions of Approval Denied Deferral Approved

Signature: _____ Date: _____

| | |
|----------------|----------------|
| Incident ID | nAPP2202535253 |
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Closure

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

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

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

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

Printed Name: Amber Griffin Title: Rep Safety & Environmental Sr
 Signature: *Amber Griffin* Date: 7/29/2022
 email: Amber_Griffin@eogresources.com Telephone: 575-748-1471

OCD Only

Received by: _____ Date: _____

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: *Jennifer Nobui* Date: 09/20/2022
 Printed Name: Jennifer Nobui Title: Environmental Specialist A

2135 S. Loop 250 W,
Midland, Texas 79703
United States
www.ghd.com

Our ref: 12575074

July 29, 2022

New Mexico Oil Conservation Division
District 1
1625 N. French Drive
Hobbs, New Mexico 88240

Re: **Site Closure Report**
EOG Resources Inc.
Incident ID: nAPP2202535253
P-35-10S-32E, Lea County, New Mexico

To Whom It May Concern:

1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Closure Report to the New Mexico Oil Conservation Division (NMOCD) District 1 Office. This Report provides documentation of delineation, sampling, remedial activities, and analyses that was conducted in the affected area at the Raitt BID State #1 Release Site (Site). The Site is located in Unit Letter P, Section 35 of Township 10 South and Range 32 East in Lea County, New Mexico. The GPS coordinates for the release site are 33.39837° N latitude and 104.63657° W longitude. The release occurred on land managed by the New Mexico State Land Office. Figure 1 depicts the Site location. The EOG production facility and other Site details are depicted on Figures 2 and 3.

2. Background Information

A C-141 initial report for this release was submitted to the NMOCD on January 25, 2022. The C-141 stated that a load line valve froze and separated causing a release of twenty-seven (27) barrels, five (5) barrels were recovered, and the remaining twenty-two (22) barrels were trapped in the gravel of the lined facility.

The release falls under the jurisdiction of the NMOCD District 1 Office in Hobbs, New Mexico. The NMOCD assigned the release with Incident Number nAPP2202535253. A Site Characterization and Remediation Work Plan dated April 8, 2022 was submitted to the NMOCD. The NMOCD approved the Site Characterization and Remediation Work Plan on May 16, 2022. The Release Notification, Site Assessment/Characterization, Remediation, and Closure portions of Form C-141 are attached to the front of this report.

3. Groundwater and Site Characterization

GHD characterized the Site according to Table I, Closure Criteria for Soils Impacted by a Release, from New Mexico Administrative Code (NMAC) Title 19, Chapter 15, Part 29, Section 12 (NMAC 19.15.29.12). No

receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. No water wells could be found within one half mile of the site. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is thought to be located within an area with an unknown depth to groundwaters and was remediated to Table I closure criteria for depth to groundwater less than fifty (50) feet. The Site characterization documentation (Karst Potential, FEMA, Points of Diversion, Significant Watercourse, and Wetlands maps) are provided in Attachment A. The soil closure criteria are listed below:

General Site Characterization and Groundwater:

| Site Characterization | Average Groundwater Depth (ft) |
|-----------------------|--------------------------------|
| No Receptors Found | Unknown, treated as <50 ft |

Table 3.1 Closure Criteria for Soils Impacted by a Release (NMAC 19.15.29.12)

| Regulatory Standard | Chloride | TPH (GRO+DRO+MRO) | TPH (GRO+MRO) | BTEX | Benzene |
|---|-----------|-------------------|---------------|----------|----------|
| 19.15.29.13 Restoration, Reclamation and Re-Vegetation (Impacted Area 0-4 Feet) | 600 mg/kg | 100 mg/kg | --- | 50 mg/kg | 10 mg/kg |
| 19.15.29.12 NMAC Table I Closure Criteria for Soils Impacted by a Release | 600 mg/kg | 100 mg/kg | --- | 50 mg/kg | 10 mg/kg |
| Notes: --- = not defined | | | | | |

4. Initial Soil Delineation Assessment Summary and Findings

On February 2, 2022, GHD installed four (4) hand auger borings HA-1 through HA-4, within the suspected impacted area through holes that were observed in the liner and one (1) Background sample was collected. Soil samples were collected at a depth of six (6) inches below grade. All soil samples were analyzed for benzene, toluene, ethylbenzene, and xylenes (BTEX) by EPA Method 8021B, total petroleum hydrocarbons (TPH) by Method 8015B Modified, and chloride by EPA Method 300 by Envirotech Inc Laboratory (EIL) in Farmington, New Mexico. Analytical results indicated TPH and chloride concentrations exceeding applicable NMAC Table I Closure Criteria of 100 mg/kg and 600 mg/kg, respectively, in all soil samples with the exception of the Background sample. HA-1 sample also indicated a BTEX concentration above 50 mg/kg. None of the samples exhibited benzene concentrations above Table I closure criteria.

To delineate the horizontal and vertical extents of the release, GHD and Standard Safety and Supply (SS) mobilized to the Site on March 15 and 16, 2022, after EOG had the tank battery decommissioned. GHD and SS installed six (6) test pits, TP1 through TP6, within the impacted area. Soil samples were collected at depths ranging from surface to six (6) ft below grade. All soil samples were analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300 by Hall Environmental Analysis Laboratory (HEAL) in Albuquerque, New Mexico. Analytical results indicated TPH concentrations exceeding applicable NMAC Table I Closure Criteria of 100 mg/kg in all soil samples at depths ranging from surface to four (4) feet in test pits TP2, TP4, TP5 and TP6. Test pits TP1 and TP3 did not exhibit TPH concentration above Table I closure criteria. None of the samples exhibited benzene, BTEX, or chloride concentrations above Table I closure criteria.

Figure 2 depicts the locations of the initial delineation samples, analytical concentrations, and the proposed excavation area. Analytical results are provided on Table 1, Figure 2, and in the Laboratory Analytical Reports provided in Attachment D.

5. **Excavation, Waste Management and Confirmation Sampling**

Due to the initial soil sampling activities exhibiting TPH and chloride concentrations above Table I Closure Criteria, GHD and EOG contractor Wild West Services (WW), mobilized to the site on June 8, 2022, to excavate the affected soils. Excavation activities continued through June 14, 2022. The excavation was excavated to depths ranging from approximately two (2) to five (5) feet below ground surface. As shown on Figure 3, six (6) sidewall (SW-1 through SW-6) and twenty-six (26) bottom hole (BH-1 through BH-26) composite confirmation samples were collected. Composite samples represented areas no larger than 200 square feet. All confirmation samples were taken to HEAL in Albuquerque, New Mexico and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300. Analytical results indicated six (6) bottom hole confirmation samples (BH-9, BH-10, BH-18, BH-19, BH-20, and BH-23) exhibited total TPH concentrations exceeding applicable Table I Closure Criteria of 100 mg/kg, and soil sample BH-10 also exhibited a chloride concentration exceeding applicable Table I Closure Criteria of 600 mg/kg. Analytical results for confirmation samples are provided on Table 1, on Figure 3, and in the Laboratory Analytical Reports provided in Attachment D.

Due to confirmation samples exhibiting total TPH concentrations exceeding applicable Table I Closure Criterion, GHD and WW returned to the Site on June 29, 2022, to further excavate the affected areas. The areas around BH-9, BH-10, BH-18, BH-19, BH-20, and BH-23 were further excavated one-half (0.5) foot deeper to two and one-half (2.5) feet below ground surface and resampled (BH-9A, BH-10A, BH-18A, BH-19A, BH-20A, and BH-23A). Analytical results for all re-sampled areas exhibited benzene, BTEX, TPH and chloride concentrations below Table I Closure Criteria. Analytical results for confirmation samples are provided on Table 1, on Figure 3, and in the Laboratory Analytical Reports provided in Attachment D. A photographic log is included in Attachment B.

Waste Management activities were performed in coordination with EOG directives. EOG obtained regulatory approval via the successful processing of Form C-138 Request for Approval to Accept Solid Waste. The waste was approved for acceptance at the OCD-permitted (M<-01-0019, Gandy Marley, Inc. facility. Approximately 888 tons of impacted soil were disposed at Lea Land, LLC, the waste manifests from June 8 through June 29, 2022, are available upon request and aren't included in this report due to size of the file. A Daily Disposal Summary is provided as Table 2. Confirmation Sampling Notifications are provided as Attachment C.

6. **nAPP2202535253 Closure Request**

The excavation will be backfilled with non-impacted material with an anticipated start date of August 1, 2022. Site characterization, soil delineation, and remediation activities for this incident number have been performed in accordance with applicable NMOCD guidance and regulations. Based upon supporting documentation provided in this report, GHD, on behalf of EOG, respectfully requests closure and no further regulatory actions for nAPP2202535253.

If you have any questions or comments concerning this Site Closure Report, please do not hesitate to contact our Midland office at (432) 686-0086.

Sincerely,

GHD



Becky Haskell
Senior Project Manager



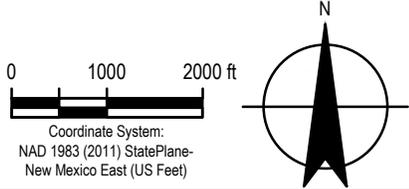
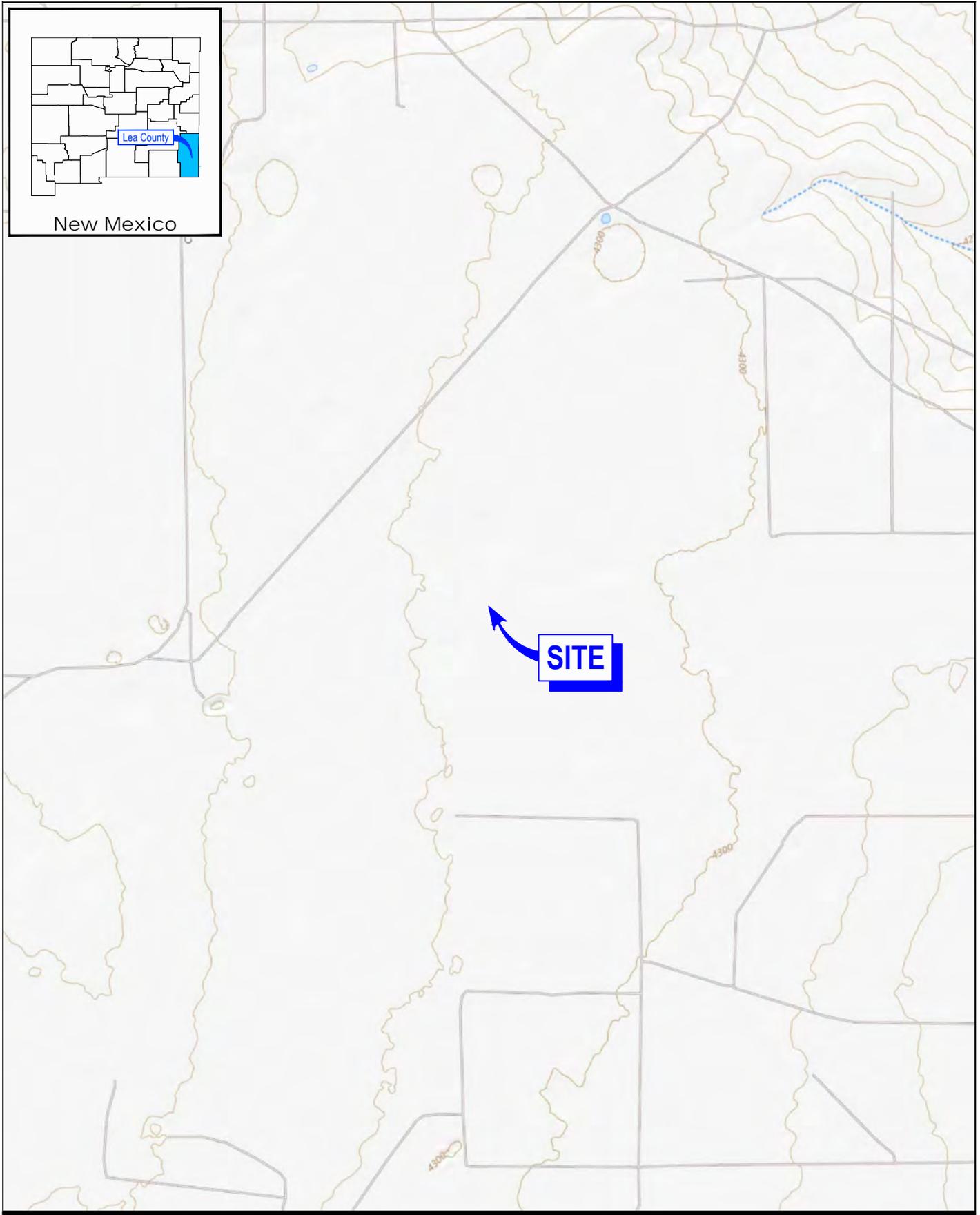
Nate Reece
Environmental Scientist

NR/bh/1

- Encl. Figure 1 – Site Location Map
Figure 2 – Site Assessment: Soil Analytical Results Map
Figure 3 – Confirmation Sampling: Analytical Results Map
Table 1 – Summary of Soil Analytical Data
Table 2 – Daily Soil Disposal Summary
Attachment A – Site Characterization Documentation
Attachment B – Photographic Log
Attachment C – Confirmation Sampling Notifications
Attachment D – Laboratory Analytical Reports and Chain-of-Custody Documentation

cc: Chase Settle

Figures



EOG RESOURCES
LEA COUNTY, NEW MEXICO
RAITT BID STATE #1

Project No. **12575074**
Date **March 2022**

SITE LOCATION MAP

FIGURE 1

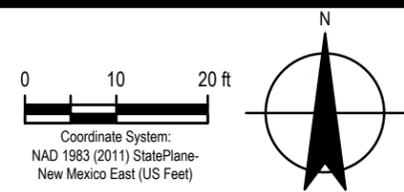
| Sample ID | Sample Date | Depth (ft bgs) | Benzene | BTEX | Total Petroleum Hydrocarbons (TPH) | Chloride |
|--|-------------|----------------|--|----------|------------------------------------|-----------|
| | | | (mg/kg) | (mg/kg) | Total GRO/DRO/MRO (mg/kg) | |
| | | | Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC | | | |
| | | | 10 mg/kg | 50 mg/kg | 100 mg/kg | 600 mg/kg |
| Initial Assessment Samples - Hand Borings | | | | | | |
| HA-1 | 2/2/2022 | 0.5 | <0.250 | 56.23 | 20,053 | 1,640 |
| HA-2 | 2/2/2022 | 0.5 | 0.509 | 35.409 | 11,777 | 1,750 |
| HA-3 | 2/2/2022 | 0.5 | 0.637 | 40.817 | 5,268 | 1,180 |
| HA-4 | 2/2/2022 | 0.5 | <0.0500 | 11.208 | 2,700 | 823 |
| Background | 2/2/2022 | 0.5 | <0.0250 | <0.0250 | <50.0 | <20.0 |
| Initial Assessment Samples - Test Pits | | | | | | |
| TP1-S | 3/15/2022 | Surface | <0.017 | <0.069 | 100 | <60 |
| TP1-2 | 3/15/2022 | 2 | <0.019 | <0.076 | 88 | 120 |
| TP2-S | 3/15/2022 | Surface | <0.017 | <0.068 | 198 | <60 |
| TP2-2 | 3/15/2022 | 2 | <0.019 | <0.076 | <49 | 180 |
| TP3-S | 3/15/2022 | Surface | <0.017 | <0.069 | <49 | <59 |
| TP3-2 | 3/15/2022 | 2 | <0.020 | <0.080 | <48 | 160 |
| TP4-S | 3/15/2022 | Surface | <0.022 | <0.087 | 380 | <60 |
| TP4-2 | 3/15/2022 | 2 | <0.017 | <0.069 | <49 | <60 |
| TP5-2 | 3/16/2022 | 2 | <0.072 | 11.74 | 2,190 | 150 |
| TP5-4 | 3/16/2022 | 4 | <0.095 | 0.57 | 116 | <60 |
| TP5-6 | 3/16/2022 | 6 | <0.020 | <0.081 | <46 | <60 |
| TP6-2 | 3/16/2022 | 2 | <0.10 | <0.40 | 240 | <60 |
| TP6-4 | 3/16/2022 | 4 | <0.097 | 4.64 | 120 | <61 |
| TP6-6 | 3/16/2022 | 6 | <0.021 | <0.08 | <48 | <60 |



LEGEND

- PROPOSED EXCAVATION AREA w/ DEPTH
- TEST PIT LOCATION
- HAND AUGER LOCATION
- DEPTH DEPTH OF SAMPLE (FT)
- BTEX BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)
- TPH TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)

- NOTES:**
- RESULTS IN MILLIGRAMS PER KILOGRAM (MG/KG).
 - SEE TABLE 1 FOR FULL ANALYTICAL RESULTS/DETAILS.
 - YELLOW SHADED CELLS INDICATE EXCEEDANCE.



EOG RESOURCES
LEA COUNTY, NEW MEXICO
RAITT BID STATE #1

**SITE ASSESSMENT:
SOIL ANALYTICAL RESULTS MAP**

Project No. 12575074
Date March 2022

FIGURE 2

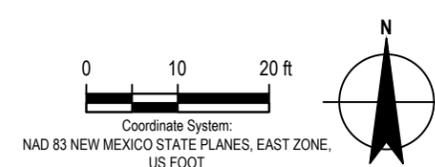
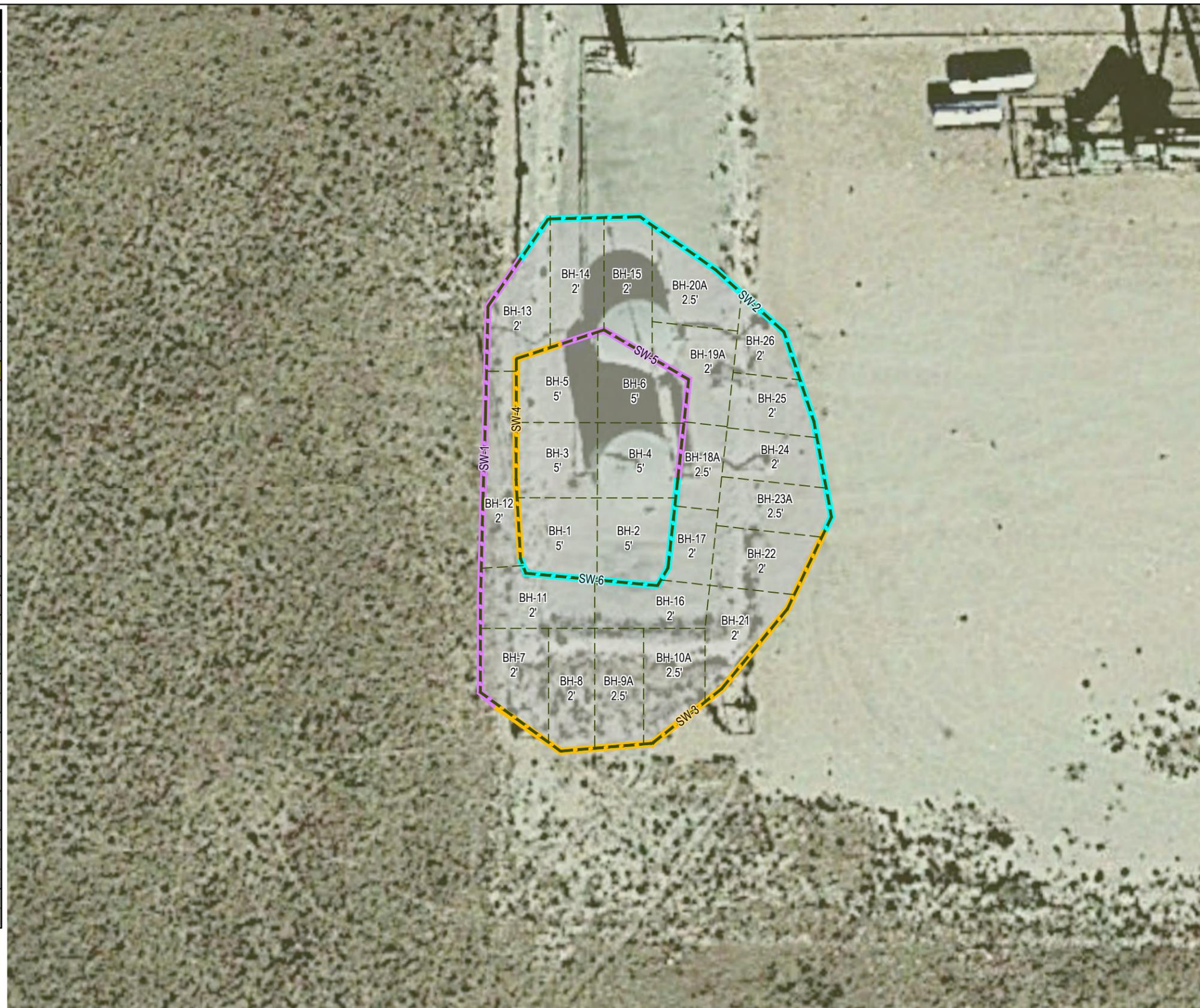
| Sample ID | Sample Date | Depth (ft bgs) | Benzene | BTEX | TPH | Chloride |
|--|-------------|----------------|----------|----------|-------------------|-----------|
| | | | (mg/kg) | (mg/kg) | Total GRO/DRO/MRO | |
| | | | (mg/kg) | (mg/kg) | (mg/kg) | |
| Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC | | | | | | |
| | | | 10 mg/kg | 50 mg/kg | 100 mg/kg | 600 mg/kg |
| Bottom Hole Confirmation Samples | | | | | | |
| BH-1 | 6/10/2022 | 5 | <0.023 | <0.093 | <47 | 73 |
| BH-2 | 6/14/2022 | 5 | <0.025 | <0.099 | <46 | 78 |
| BH-3 | 6/14/2022 | 5 | <0.024 | <0.096 | <49 | <61 |
| BH-4 | 6/13/2022 | 5 | <0.024 | <0.095 | <48 | 67 |
| BH-5 | 6/10/2022 | 5 | <0.023 | <0.091 | <48 | <60 |
| BH-6 | 6/10/2022 | 5 | <0.025 | <0.099 | <49 | <60 |
| BH-7 | 6/13/2022 | 2 | <0.023 | <0.092 | <48 | <60 |
| BH-8 | 6/13/2022 | 2 | <0.024 | <0.098 | <45 | 160 |
| BH-9 | 6/13/2022 | 2 | <0.024 | <0.096 | 142 | 200 |
| BH-9A | 6/29/2022 | 2.5 | <0.024 | <0.098 | <49 | <60 |
| BH-10 | 6/13/2022 | 2 | <0.023 | <0.093 | 132 | 920 |
| BH-10A | 6/29/2022 | 2.5 | <0.023 | <0.092 | <50 | <59 |
| BH-11 | 6/14/2022 | 2 | <0.024 | <0.096 | <49 | <60 |
| BH-12 | 6/13/2022 | 2 | <0.025 | <0.10 | 26 | 140 |
| BH-13 | 6/13/2022 | 2 | <0.024 | <0.095 | <44 | 74 |
| BH-14 | 6/13/2022 | 2 | <0.024 | <0.097 | <49 | <60 |
| BH-15 | 6/13/2022 | 2 | <0.024 | <0.096 | 21 | <60 |
| BH-16 | 6/14/2022 | 2 | <0.024 | <0.097 | <50 | <60 |
| BH-17 | 6/14/2022 | 2 | <0.023 | <0.092 | <49 | <60 |
| BH-18 | 6/13/2022 | 2 | <0.025 | <0.099 | 259 | 160 |
| BH-18A | 6/29/2022 | 2.5 | <0.023 | <0.092 | <48 | <60 |
| BH-19 | 6/13/2022 | 2 | <0.025 | <0.099 | 320 | 140 |
| BH-19A | 6/29/2022 | 2.5 | <0.024 | <0.096 | <47 | <59 |
| BH-20 | 6/13/2022 | 2 | <0.025 | <0.099 | 228 | 160 |
| BH-20A | 6/29/2022 | 2.5 | <0.024 | <0.097 | <50 | <60 |
| BH-21 | 6/14/2022 | 2 | <0.024 | <0.097 | <48 | 61 |
| BH-22 | 6/14/2022 | 2 | <0.024 | <0.097 | <50 | 69 |
| BH-23 | 6/13/2022 | 2 | <0.025 | <0.099 | 163 | 460 |
| BH-23A | 6/29/2022 | 2.5 | <0.025 | <0.098 | <48 | 310 |
| BH-24 | 6/13/2022 | 2 | <0.024 | <0.097 | <49 | 190 |
| BH-25 | 6/13/2022 | 2 | <0.025 | <0.10 | 22 | 370 |
| BH-26 | 6/13/2022 | 2 | <0.024 | <0.097 | <44 | 200 |
| Sidewall Confirmation Samples | | | | | | |
| SW-1 | 6/13/2022 | Sidewall | <0.023 | <0.094 | <50 | 63 |
| SW-2 | 6/13/2022 | Sidewall | <0.025 | <0.10 | 23 | 510 |
| SW-3 | 6/14/2022 | Sidewall | <0.025 | <0.098 | <48 | 160 |
| SW-4 | 6/10/2022 | Sidewall | <0.025 | <0.099 | <44 | 78 |
| SW-5 | 6/10/2022 | Sidewall | <0.023 | <0.094 | <43 | <60 |
| SW-6 | 6/10/2022 | Sidewall | <0.025 | <0.099 | 16 | 460 |

LEGEND

- EXCAVATED AREA
- DEPTH DEPTH OF SAMPLE (FT)
- BTEX BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)
- TPH TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)
- INDICATES SIDE WALL COMPOSITE SAMPLE
- INDICATES SIDE WALL COMPOSITE SAMPLE
- INDICATES SIDE WALL COMPOSITE SAMPLE
- SAMPLE POINT EXCAVATED

NOTES:

1. RESULTS IN MILLIGRAMS PER KILOGRAM (MG/KG).
2. SEE TABLE 1 FOR FULL ANALYTICAL RESULTS/DETAILS.
3. YELLOW SHADED CELLS INDICATE EXCEEDANCE.



EOG RESOURCES
LEA COUNTY, NEW MEXICO
RAITT BID STATE #1

**CONFIRMATORY SAMPLING:
SOIL ANALYTICAL RESULTS MAP**

Project No. 12575074
Date July 2022

FIGURE 3

Tables

Table 1
 Summary of Soil Analytical Data
 Raitt BID State #1
 EOG Resources
 Lea County, New Mexico

| Sample ID | Sample Date | Depth (ft bgs) | Benzene (mg/kg) | Ethylbenzene (mg/kg) | Toluene (mg/kg) | Xylenes (mg/kg) | BTEX (mg/kg) | TPH | | | | Chloride (mg/kg) |
|--|-------------|----------------|--------------------|-------------------------|--------------------|--------------------|-----------------|----------------------------|-----------------------------|-----------------------------|---------------------------------|---------------------|
| | | | | | | | | GRO (C6-C10) (mg/kg) | DRO (C10-C28) (mg/kg) | MRO (C28-C35) (mg/kg) | Total GRO/DRO/MRO (mg/kg) | |
| | | | | | | | | 10 mg/kg | --- | --- | --- | |
| Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC | | | | | | | | | | | | |
| Initial Assessment Samples - Hand Borings | | | | | | | | | | | | |
| HA-1 | 2/2/2022 | 0.5 | <0.250 | 1.71 | 4.42 | 50.1 | 56.23 | 413 | 17,900 | 1,740 | 20,053 | 1,640 |
| HA-2 | 2/2/2022 | 0.5 | 0.509 | 1.86 | 5.54 | 27.5 | 35.409 | 217 | 10,500 | 1,060 | 11,777 | 1,750 |
| HA-3 | 2/2/2022 | 0.5 | 0.637 | 2.16 | 8.22 | 29.8 | 40.817 | 290 | 4,530 | 448 | 5,268 | 1,180 |
| HA-4 | 2/2/2022 | 0.5 | <0.0500 | 1.03 | 0.728 | 9.45 | 11.208 | 104 | 2,330 | 266 | 2,700 | 823 |
| Background | 2/2/2022 | 0.5 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <0.0250 | <20.0 | <25.0 | <50.0 | <50.0 | <20.0 |
| Initial Assessment Samples - Test Pits | | | | | | | | | | | | |
| TP1-S | 3/15/2022 | Surface | <0.017 | <0.035 | <0.035 | <0.069 | <0.069 | <3.5 | 100 | <47 | 100 | <60 |
| TP1-2 | 3/15/2022 | 2 | <0.019 | <0.038 | <0.038 | <0.076 | <0.076 | <3.8 | 38 | 50 | 88 | 120 |
| TP2-S | 3/15/2022 | Surface | <0.017 | <0.034 | <0.034 | <0.068 | <0.068 | <3.4 | 130 | 68 | 198 | <60 |
| TP2-2 | 3/15/2022 | 2 | <0.019 | <0.038 | <0.038 | <0.076 | <0.076 | <3.8 | <9.8 | <49 | <49 | 180 |
| TP3-S | 3/15/2022 | Surface | <0.017 | <0.035 | <0.035 | <0.069 | <0.069 | <3.5 | <9.8 | <49 | <49 | <59 |
| TP3-2 | 3/15/2022 | 2 | <0.020 | <0.040 | <0.040 | <0.080 | <0.080 | <4.0 | <9.7 | <48 | <48 | 160 |
| TP4-S | 3/15/2022 | Surface | <0.022 | <0.043 | <0.043 | <0.087 | <0.087 | <4.3 | 190 | 190 | 380 | <60 |
| TP4-2 | 3/15/2022 | 2 | <0.017 | <0.035 | <0.035 | <0.069 | <0.069 | <3.5 | <9.8 | <49 | <49 | <60 |
| TP5-2 | 3/16/2022 | 2 | <0.072 | 1.2 | 0.94 | 9.6 | 11.74 | 190 | 1500 | 500 | 2,190 | 150 |
| TP5-4 | 3/16/2022 | 4 | <0.095 | <0.19 | <0.19 | 0.57 | 0.57 | 19 | 97 | <49 | 116 | <60 |
| TP5-6 | 3/16/2022 | 6 | <0.020 | <0.041 | <0.041 | <0.081 | <0.081 | <4.1 | <9.2 | <46 | <46 | <60 |
| TP6-2 | 3/16/2022 | 2 | <0.10 | <0.20 | <0.20 | <0.40 | <0.40 | <20 | 190 | 50 | 240 | <60 |
| TP6-4 | 3/16/2022 | 4 | <0.097 | 0.37 | 0.37 | 3.9 | 4.64 | 88 | 32 | <49 | 120 | <61 |
| TP6-6 | 3/16/2022 | 6 | <0.021 | <0.042 | <0.042 | <0.084 | <0.084 | <4.2 | <9.7 | <48 | <48 | <60 |
| Bottom Hole Confirmation Samples | | | | | | | | | | | | |
| BH-1 | 6/10/2022 | 5 | <0.023 | <0.047 | <0.047 | <0.093 | <0.093 | <4.7 | <14 | <47 | <47 | 73 |
| BH-2 | 6/14/2022 | 5 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | <14 | <46 | <46 | 78 |
| BH-3 | 6/14/2022 | 5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <15 | <49 | <49 | <61 |
| BH-4 | 6/13/2022 | 5 | <0.024 | <0.047 | <0.047 | <0.095 | <0.095 | <4.7 | <14 | <48 | <48 | 67 |
| BH-5 | 6/10/2022 | 5 | <0.023 | <0.046 | <0.046 | <0.091 | <0.091 | <4.6 | <14 | <48 | <48 | <60 |
| BH-6 | 6/10/2022 | 5 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | <15 | <49 | <49 | <60 |
| BH-7 | 6/13/2022 | 2 | <0.023 | <0.046 | <0.046 | <0.092 | <0.092 | <4.6 | <14 | <48 | <48 | <60 |

Table 1
 Summary of Soil Analytical Data
 Raitt BID State #1
 EOG Resources
 Lea County, New Mexico

| Sample ID | Sample Date | Depth (ft bgs) | Benzene (mg/kg) | Ethylbenzene (mg/kg) | Toluene (mg/kg) | Xylenes (mg/kg) | BTEX (mg/kg) | TPH | | | | Chloride (mg/kg) |
|--------------------------------------|----------------------|----------------|----------------------|-------------------------|----------------------|----------------------|----------------------|----------------------------|-----------------------------|-----------------------------|---------------------------------|---------------------|
| | | | | | | | | GRO (C6-C10) (mg/kg) | DRO (C10-C28) (mg/kg) | MRO (C28-C35) (mg/kg) | Total GRO/DRO/MRO (mg/kg) | |
| | | | | | | | | 10 mg/kg | --- | --- | --- | |
| BH-8 | 6/13/2022 | 2 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <14 | <45 | <45 | 160 |
| BH-9 | 6/13/2022 | 2 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | 74 | 68 | 142 | 200 |
| BH-9A | 6/29/2022 | 2.5 | <0.024 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <15 | <49 | <49 | <60 |
| BH-10 | 6/13/2022 | 2 | <0.023 | <0.046 | <0.046 | <0.093 | <0.093 | <4.6 | 73 | 59 | 132 | 920 |
| BH-10A | 6/29/2022 | 2.5 | <0.023 | <0.046 | <0.046 | <0.092 | <0.092 | <4.6 | <15 | <50 | <50 | <59 |
| BH-11 | 6/14/2022 | 2 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <15 | <49 | <49 | <60 |
| BH-12 | 6/13/2022 | 2 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | 26 | <44 | 26 | 140 |
| BH-13 | 6/13/2022 | 2 | <0.024 | <0.048 | <0.048 | <0.095 | <0.095 | <4.8 | <13 | <44 | <44 | 74 |
| BH-14 | 6/13/2022 | 2 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <15 | <49 | <49 | <60 |
| BH-15 | 6/13/2022 | 2 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | 21 | <46 | 21 | <60 |
| BH-16 | 6/14/2022 | 2 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <15 | <50 | <50 | <60 |
| BH-17 | 6/14/2022 | 2 | <0.023 | <0.046 | <0.046 | <0.092 | <0.092 | <4.6 | <15 | <49 | <49 | <60 |
| BH-18 | 6/13/2022 | 2 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | 180 | 79 | 259 | 160 |
| BH-18A | 6/29/2022 | 2.5 | <0.023 | <0.046 | <0.046 | <0.092 | <0.092 | <4.6 | <14 | <48 | <48 | <60 |
| BH-19 | 6/13/2022 | 2 | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | 200 | 120 | 320 | 140 |
| BH-19A | 6/29/2022 | 2.5 | <0.024 | <0.048 | <0.048 | <0.096 | <0.096 | <4.8 | <14 | <47 | <47 | <59 |
| BH-20 | 6/13/2022 | 2 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | 150 | 78 | 228 | 160 |
| BH-20A | 6/29/2022 | 2.5 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <15 | <50 | <50 | <60 |
| BH-21 | 6/14/2022 | 2 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <15 | <48 | <48 | 61 |
| BH-22 | 6/14/2022 | 2 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <15 | <50 | <50 | 69 |
| BH-23 | 6/13/2022 | 2 | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | 110 | 53 | 163 | 460 |
| BH-23A | 6/29/2022 | 2.5 | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <14 | <48 | <48 | 310 |
| BH-24 | 6/13/2022 | 2 | <0.024 | <0.049 | <0.049 | <0.097 | <0.097 | <4.9 | <15 | <49 | <49 | 190 |
| BH-25 | 6/13/2022 | 2 | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | 22 | <46 | 22 | 370 |
| BH-26 | 6/13/2022 | 2 | <0.024 | <0.048 | <0.048 | <0.097 | <0.097 | <4.8 | <13 | <44 | <44 | 200 |
| Sidewall Confirmation Samples | | | | | | | | | | | | |
| SW-1 | 6/13/2022 | Sidewall | <0.023 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <15 | <50 | <50 | 63 |
| SW-2 | 6/13/2022 | Sidewall | <0.025 | <0.050 | <0.050 | <0.10 | <0.10 | <5.0 | 23 | <47 | 23 | 510 |
| SW-3 | 6/14/2022 | Sidewall | <0.025 | <0.049 | <0.049 | <0.098 | <0.098 | <4.9 | <14 | <48 | <48 | 160 |
| SW-4 | 6/10/2022 | Sidewall | <0.025 | <0.049 | <0.049 | <0.099 | <0.099 | <4.9 | <13 | <44 | <44 | 78 |
| SW-5 | 6/10/2022 | Sidewall | <0.023 | <0.047 | <0.047 | <0.094 | <0.094 | <4.7 | <13 | <43 | <43 | <60 |

Table 1
 Summary of Soil Analytical Data
 Raitt BID State #1
 EOG Resources
 Lea County, New Mexico

| Sample ID | Sample Date | Depth (ft bgs) | Benzene (mg/kg) | Ethylbenzene (mg/kg) | Toluene (mg/kg) | Xylenes (mg/kg) | BTEX (mg/kg) | TPH | | | | Chloride (mg/kg) |
|-----------|-------------|----------------|--------------------|-------------------------|--------------------|--------------------|-----------------|--|-----------------------------|-----------------------------|---------------------------------|---------------------|
| | | | | | | | | GRO (C6-C10) (mg/kg) | DRO (C10-C28) (mg/kg) | MRO (C28-C35) (mg/kg) | Total GRO/DRO/MRO (mg/kg) | |
| | | | | | | | | Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMAC | | | | |
| | | | 10 mg/kg | --- | --- | --- | 50 mg/kg | --- | --- | --- | 100 mg/kg | 600 mg/kg |
| SW-6 | 6/10/2022 | Sidewall | <0.025 | <0.050 | <0.050 | <0.099 | <0.099 | <5.0 | 16 | <43 | 16 | 460 |

Notes:

- Values reported in mg/kg
- < = Value Less than Reporting Limit (RL)
- Bold Indicates Analyte Detected
- BTEX analyses by EPA Method SW 8021B.
- TPH analyses by EPA Method SW 8015 Mod.
- GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
- J - the target analytes was positively identified below the quantitation limit and above the detection limit.
- Yellow shaded cells indicate analytical samples that exceed the NMOG 19.15.29.12 Table 1 for depth to groundwater <50 ft
- = not defined

~~B-BH-2~~ Sample Point Excavated

Table 2
Daily Disposal Summary
Raitt BID State #1
EOG Resources
Lea, County, New Mexico

| Date of Disposal | Yds Disposed |
|-------------------------|---------------------|
| 6/8/2022 | 296 |
| 6/10/2022 | 270 |
| 6/10/2022 | 162 |
| 6/29/2022 | 160 |
| Project Total | 888 |

Attachment A Site Characterization Documentation

Raitt BID State #1

Karst Potential

Legend

-  High
-  Low
-  Medium
-  Raitt BID State #1

Button Mesa Rd

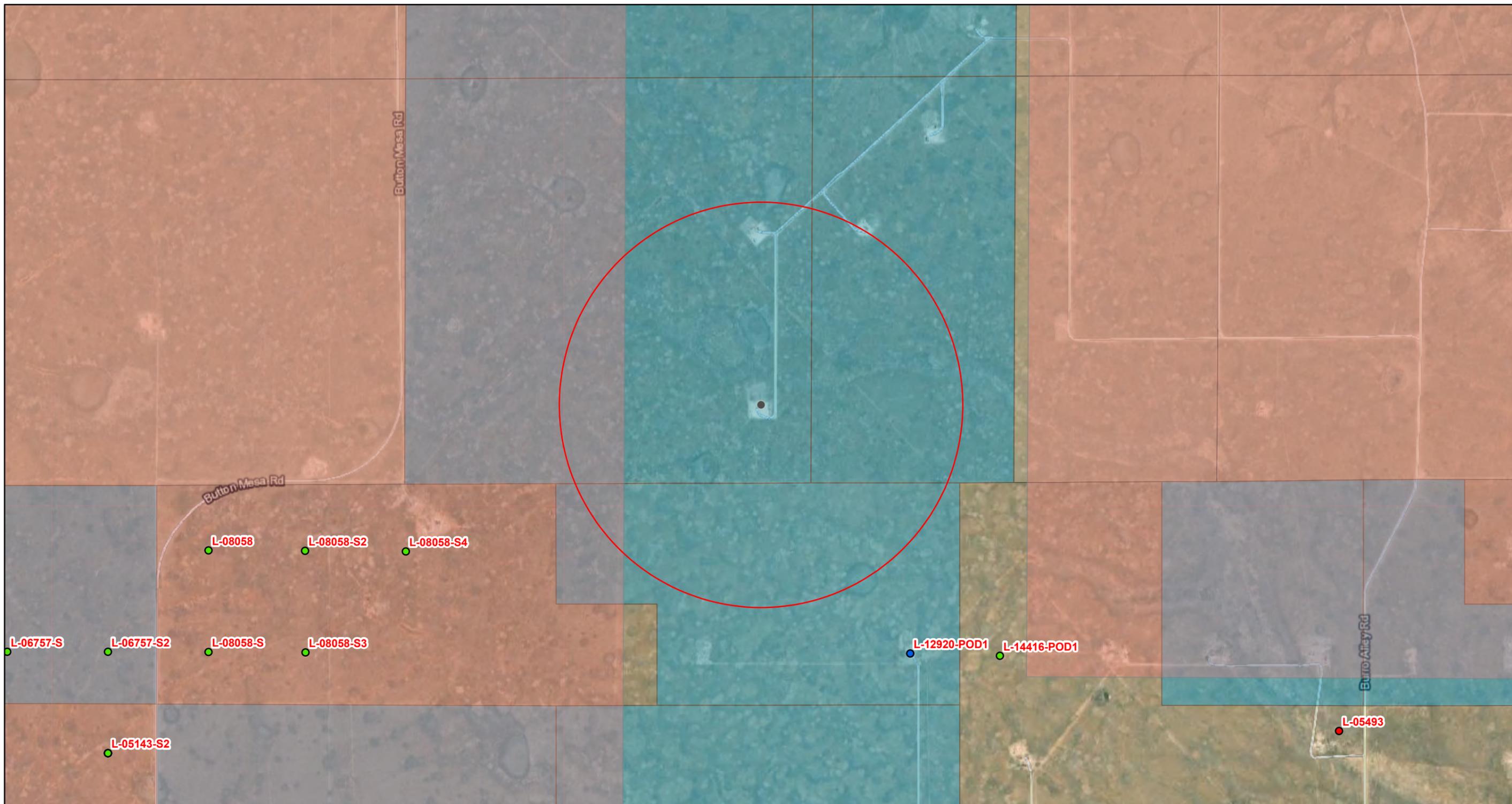
Raitt BID State #1

Google Earth



A north arrow pointing upwards with the letter 'N' below it. Below the arrow is a scale bar labeled '3000 ft'.

Raitt BID State #1



2/16/2022, 6:41:54 AM

GIS WATERS PODs OSE District Boundary

- Active
- Pending
- Plugged

Water Right Regulations

Critical Management Area - Guidelines

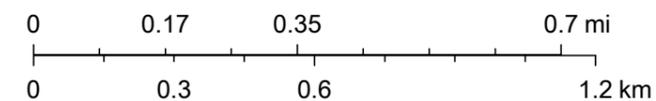
New Mexico State Trust Lands

Subsurface Estate

Both Estates

SiteBoundaries

1:18,056



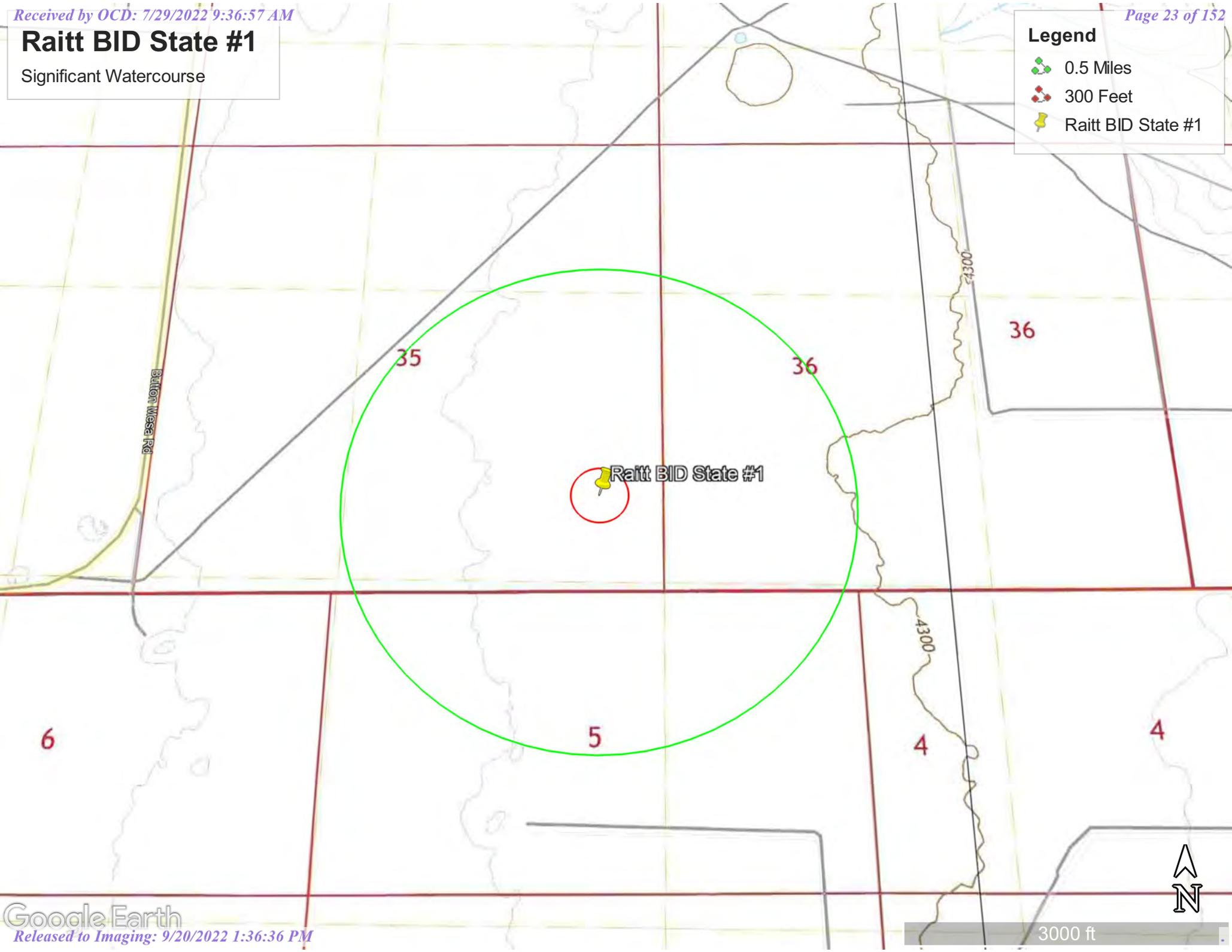
Esri, HERE, GeoTechnologies, Inc., Esri, HERE, Garmin, GeoTechnologies, Inc., U.S. Department of Energy Office of Legacy Management, Maxar

Raitt BID State #1

Significant Watercourse

Legend

-  0.5 Miles
-  300 Feet
-  Raitt BID State #1



National Flood Hazard Layer FIRMMette



103°38'30"W 33°24'9"N



Legend

SEE FIS REPORT FOR DETAILED LEGEND AND INDEX MAP FOR FIRM PANEL LAYOUT

| | | |
|----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS | | Without Base Flood Elevation (BFE) <i>Zone A, V, A99</i> |
| | | With BFE or Depth <i>Zone AE, AO, AH, VE, AR</i> |
| | | Regulatory Floodway |

| | | |
|-----------------------------|--|--|
| OTHER AREAS OF FLOOD HAZARD | | 0.2% Annual Chance Flood Hazard, Areas of 1% annual chance flood with average depth less than one foot or with drainage areas of less than one square mile <i>Zone X</i> |
| | | Future Conditions 1% Annual Chance Flood Hazard <i>Zone X</i> |
| | | Area with Reduced Flood Risk due to Levee. See Notes. <i>Zone X</i> |
| | | Area with Flood Risk due to Levee <i>Zone D</i> |

| | | |
|-------------|--|--|
| OTHER AREAS | | NO SCREEN Area of Minimal Flood Hazard <i>Zone X</i> |
| | | Effective LOMRs |
| | | Area of Undetermined Flood Hazard <i>Zone D</i> |

| | | |
|--------------------|--|----------------------------------|
| GENERAL STRUCTURES | | Channel, Culvert, or Storm Sewer |
| | | Levee, Dike, or Floodwall |

| | | |
|----------------|--|---|
| OTHER FEATURES | | 20.2 Cross Sections with 1% Annual Chance Water Surface Elevation |
| | | 17.5 Coastal Transect |
| | | Base Flood Elevation Line (BFE) |
| | | Limit of Study |
| | | Jurisdiction Boundary |
| | | Coastal Transect Baseline |
| | | Profile Baseline |
| | | Hydrographic Feature |

| | | |
|------------|--|---------------------------|
| MAP PANELS | | Digital Data Available |
| | | No Digital Data Available |
| | | Unmapped |



The pin displayed on the map is an approximate point selected by the user and does not represent an authoritative property location.

This map complies with FEMA's standards for the use of digital flood maps if it is not void as described below. The basemap shown complies with FEMA's basemap accuracy standards

The flood hazard information is derived directly from the authoritative NFHL web services provided by FEMA. This map was exported on 2/16/2022 at 7:57 AM and does not reflect changes or amendments subsequent to this date and time. The NFHL and effective information may change or become superseded by new data over time.

This map image is void if the one or more of the following map elements do not appear: basemap imagery, flood zone labels, legend, scale bar, map creation date, community identifiers, FIRM panel number, and FIRM effective date. Map images for unmapped and unmodernized areas cannot be used for regulatory purposes.



Raitt BID State #1



February 16, 2022

Wetlands

- Estuarine and Marine Deepwater
- Freshwater Emergent Wetland
- Lake
- Estuarine and Marine Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond
- Other
- Riverine

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

Attachment B Photographic Log



Site Photograph
Raitt BID State #1 Release Site.

GHD | Report for EOG | 12575074

Attachment C Confirmation Sampling Notifications

Becky Haskell

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Thursday, July 28, 2022 5:33 PM
To: Becky Haskell
Subject: FW: Raitt BID State 1 (nAPP2202535253) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Wednesday, June 1, 2022 3:57 PM
To: emnrd-ocd-district1spills@state.nm.us
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>; Jennifer Nobui <Jennifer.Nobui@state.nm.us>; Jocelyn Harimon <Jocelyn.Harimon@state.nm.us>; Mike Bratcher <mike.bratcher@state.nm.us>; Robert Hamlet <Robert.Hamlet@state.nm.us>
Subject: FW: Raitt BID State 1 (nAPP2202535253) Sampling Notification

Sorry, meant to send this to Hobbs District.

Thank you.

From: Tina Huerta
Sent: Wednesday, June 1, 2022 3:54 PM
To: 'rmann@slo.state.nm.us' <rmann@slo.state.nm.us>; 'mnanranjo@slo.state.nm.us' <mnanranjo@slo.state.nm.us>; Jennifer Nobui <Jennifer.Nobui@state.nm.us>; Jocelyn Harimon <Jocelyn.Harimon@state.nm.us>; Mike Bratcher <mike.bratcher@state.nm.us>; Robert Hamlet <Robert.Hamlet@state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Raitt BID State 1 (nAPP2202535253) Sampling Notification

Good Afternoon,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Raitt BID State 1
P-35-10S-32E; Lea County, NM
nAPP2202535253

Sampling will begin at 10:00 a.m. on Friday, June 10, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121

Email: tina_huerta@eogresources.com



Becky Haskell

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Thursday, June 9, 2022 2:43 PM
To: Becky Haskell; Zach Comino
Subject: FW: Raitt BID State 1 (nAPP2202535253) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, June 9, 2022 9:43 AM
To: emnrd-ocd-district1spills@state.nm.us; rmann@slo.state.nm.us; mnaranjo@slo.state.nm.us
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Raitt BID State 1 (nAPP2202535253) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Raitt BID State 1
P-35-10S-32E; Lea County, NM
nAPP2202535253

Sampling will begin at 8:00 a.m. on Monday, June 13, 2022 and continue through Friday, June 17, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: [tina huerta@eogresources.com](mailto:tina.huerta@eogresources.com)



Becky Haskell

From: Amber Griffin <Amber_Griffin@eogresources.com>
Sent: Thursday, June 23, 2022 9:31 AM
To: Becky Haskell; Zach Comino
Subject: FW: Raitt BID State 1 (nAPP2202535253) Sampling Notification

Thank you,
Amber Griffin

From: Tina Huerta <Tina_Huerta@eogresources.com>
Sent: Thursday, June 23, 2022 8:28 AM
To: rmann@slo.state.nm.us; Naranjo, Mark <MNaranjo@slo.state.nm.us>; Jennifer Nobui <Jennifer.Nobui@state.nm.us>; Jocelyn Harimon <Jocelyn.Harimon@state.nm.us>; Mike Bratcher <mike.bratcher@state.nm.us>; Robert Hamlet <Robert.Hamlet@state.nm.us>
Cc: Artesia S&E Spill Remediation <Artesia_S&E_Spill_Remediation@eogresources.com>; Artesia Regulatory <Artesia_Regulatory@eogresources.com>
Subject: Raitt BID State 1 (nAPP2202535253) Sampling Notification

Good Morning,

EOG Resources, Inc. respectfully submits notification of sampling to be conducted at the below location.

Raitt BID State 1
P-35-10S-32E
Lea County, NM
nAPP2202535253

Sampling will begin at 12:00 p.m. on Wednesday, June 29, 2022.

Thank you,

Tina Huerta
Regulatory Specialist
Direct: 575.748.4168
Cell: 575.703.3121
Email: tina_huerta@eogresources.com



Appendix D Laboratory Analytical Reports and Chain-of- Custody Documentation

Report to:
Becky Haskell



envirotech

Practical Solutions for a Better Tomorrow

Analytical Report

GHD

Project Name: Raitt BID State #1

Work Order: E202014

Job Number: 19034-0001

Received: 2/3/2022

Revision: 1

Report Reviewed By:

Walter Hinchman
Laboratory Director
2/9/22

5796 U.S. Hwy 64
Farmington, NM 87401

Phone: (505) 632-1881
Envirotech-inc.com



Envirotech Inc. certifies the test results meet all requirements of TNI unless noted otherwise.
Statement of Data Authenticity: Envirotech Inc, attests the data reported has not been altered in any way.
Partial or incomplete reproduction of this report is prohibited, unless approved by Envirotech Inc.
Envirotech Inc, holds the Utah TNI certification NM00979 for data reported.
Envirotech Inc, holds the Texas TNI certification T104704557 for data reported.
Envirotech Inc, holds the NM SDWA certification for data reported. (Lab #NM00979)



Date Reported: 2/9/22

Becky Haskell
6121 Indian School Rd. NE #200
Albuquerque, NM 87110

Project Name: Raitt BID State #1
Workorder: E202014
Date Received: 2/3/2022 11:45:00AM

Becky Haskell,

Thank you for choosing Envirotech, Inc. as your analytical testing laboratory for the sample(s) received on, 2/3/2022 11:45:00AM, under the Project Name: Raitt BID State #1.

The analytical test results summarized in this report with the Project Name: Raitt BID State #1 apply to the individual samples collected, identified and submitted bearing the project name on the enclosed chain-of-custody. Subcontracted sample analyses not conducted by Envirotech, Inc., are attached in full as issued by the subcontract laboratory.

Please review the Chain-of-Custody (COC) and Sample Receipt Checklist (SRC) for any issues regarding sample receipt temperature, containers, preservation etc. To best understand your test results, review the entire report summarizing your sample data and the associated quality control batch data.

All reported data in this analytical report were analyzed according to the referenced method(s) and are in compliance with the latest NELAC/TNI standards, unless otherwise noted. Samples or analytical quality control parameters not meeting specific QC criteria are qualified with a data flag. Data flag definitions are located in the Notes and Definitions section of this analytical report.

If you have any questions concerning this report, please feel free to contact Envirotech, Inc.

Respectfully,

Walter Hinchman
Laboratory Director
Office: 505-632-1881
Cell: 775-287-1762
whinchman@envirotech-inc.com

Raina Schwanz
Laboratory Administrator
Office: 505-632-1881
rainaschwanz@envirotech-inc.com

Alexa Michaels
Sample Custody Officer
Office: 505-632-1881
labadmin@envirotech-inc.com

Field Offices:

Southern New Mexico Area
Lynn Jarboe
Technical Representative/Client Services
Office: 505-421-LABS(5227)
Cell: 505-320-4759
ljjarboe@envirotech-inc.com

West Texas Midland/Odessa Area
Rayny Hagan
Technical Representative
Office: 505-421-LABS(5227)

Envirotech Web Address: www.envirotech-inc.com

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Sample Summary

| | | |
|--|--|------------------------------------|
| GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110 | Project Name: Raitt BID State #1 Project Number: 19034-0001 Project Manager: Becky Haskell | Reported: 02/09/22 16:42 |
|--|--|------------------------------------|

| Client Sample ID | Lab Sample ID | Matrix | Sampled | Received | Container |
|------------------|---------------|--------|----------|----------|------------------|
| HA-1 | E202014-01A | Soil | 02/02/22 | 02/03/22 | Glass Jar, 4 oz. |
| HA-2 | E202014-02A | Soil | 02/02/22 | 02/03/22 | Glass Jar, 4 oz. |
| HA-3 | E202014-03A | Soil | 02/02/22 | 02/03/22 | Glass Jar, 4 oz. |
| HA-4 | E202014-04A | Soil | 02/02/22 | 02/03/22 | Glass Jar, 4 oz. |
| Background | E202014-05A | Soil | 02/02/22 | 02/03/22 | Glass Jar, 4 oz. |



Sample Data

| | | |
|--|--|--|
| GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110 | Project Name: Raitt BID State #1 Project Number: 19034-0001 Project Manager: Becky Haskell | Reported: 2/9/2022 4:42:29PM |
|--|--|--|

HA-1 E202014-01

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2206034 |
| Benzene | ND | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| Ethylbenzene | 1.71 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| Toluene | 4.42 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| o-Xylene | 13.3 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| p,m-Xylene | 36.8 | 0.500 | 10 | 02/03/22 | 02/04/22 | |
| Total Xylenes | 50.1 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | | | | | |
| | | 104 % | 70-130 | 02/03/22 | 02/04/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2206034 |
| Gasoline Range Organics (C6-C10) | 413 | 200 | 10 | 02/03/22 | 02/04/22 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | | | | | |
| | | 101 % | 70-130 | 02/03/22 | 02/04/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | | | | | | |
| | mg/kg | mg/kg | | Analyst: JL | | Batch: 2207020 |
| Diesel Range Organics (C10-C28) | 17900 | 250 | 10 | 02/08/22 | 02/09/22 | |
| Oil Range Organics (C28-C36) | 1740 | 500 | 10 | 02/08/22 | 02/09/22 | |
| <i>Surrogate: n-Nonane</i> | | | | | | |
| | | 400 % | 50-200 | 02/08/22 | 02/09/22 | S5 |
| Anions by EPA 300.0/9056A | | | | | | |
| | mg/kg | mg/kg | | Analyst: IY | | Batch: 2207005 |
| Chloride | 1640 | 20.0 | 1 | 02/07/22 | 02/08/22 | |



Sample Data

| | | |
|--|--|--|
| GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110 | Project Name: Raitt BID State #1 Project Number: 19034-0001 Project Manager: Becky Haskell | Reported: 2/9/2022 4:42:29PM |
|--|--|--|

HA-2
E202014-02

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: IY | | Batch: 2206034 |
| Benzene | 0.509 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| Ethylbenzene | 1.86 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| Toluene | 5.54 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| o-Xylene | 7.28 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| p,m-Xylene | 20.2 | 0.500 | 10 | 02/03/22 | 02/04/22 | |
| Total Xylenes | 27.5 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 101 % | 70-130 | 02/03/22 | 02/04/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | Batch: 2206034 |
| Gasoline Range Organics (C6-C10) | 217 | 200 | 10 | 02/03/22 | 02/04/22 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 101 % | 70-130 | 02/03/22 | 02/04/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: JL | | Batch: 2207020 |
| Diesel Range Organics (C10-C28) | 10500 | 250 | 10 | 02/08/22 | 02/09/22 | |
| Oil Range Organics (C28-C36) | 1060 | 500 | 10 | 02/08/22 | 02/09/22 | |
| <i>Surrogate: n-Nonane</i> | | 283 % | 50-200 | 02/08/22 | 02/09/22 | S5 |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: IY | | Batch: 2207005 |
| Chloride | 1750 | 20.0 | 1 | 02/07/22 | 02/08/22 | |



Sample Data

| | | |
|--|--|--|
| GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110 | Project Name: Raitt BID State #1 Project Number: 19034-0001 Project Manager: Becky Haskell | Reported: 2/9/2022 4:42:29PM |
|--|--|--|

HA-3
E202014-03

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: IY | | Batch: 2206034 |
| Benzene | 0.637 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| Ethylbenzene | 2.16 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| Toluene | 8.22 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| o-Xylene | 6.91 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| p,m-Xylene | 22.9 | 0.500 | 10 | 02/03/22 | 02/04/22 | |
| Total Xylenes | 29.8 | 0.250 | 10 | 02/03/22 | 02/04/22 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 100 % | 70-130 | 02/03/22 | 02/04/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | Batch: 2206034 |
| Gasoline Range Organics (C6-C10) | 290 | 200 | 10 | 02/03/22 | 02/04/22 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 101 % | 70-130 | 02/03/22 | 02/04/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: JL | | Batch: 2207020 |
| Diesel Range Organics (C10-C28) | 4530 | 125 | 5 | 02/08/22 | 02/09/22 | |
| Oil Range Organics (C28-C36) | 448 | 250 | 5 | 02/08/22 | 02/09/22 | |
| <i>Surrogate: n-Nonane</i> | | 202 % | 50-200 | 02/08/22 | 02/09/22 | S5 |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: IY | | Batch: 2207005 |
| Chloride | 1180 | 20.0 | 1 | 02/07/22 | 02/08/22 | |



Sample Data

| | | |
|--|--|--|
| GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110 | Project Name: Raitt BID State #1 Project Number: 19034-0001 Project Manager: Becky Haskell | Reported: 2/9/2022 4:42:29PM |
|--|--|--|

HA-4
E202014-04

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: IY | | Batch: 2206034 |
| Benzene | ND | 0.0500 | 2 | 02/03/22 | 02/08/22 | |
| Ethylbenzene | 1.03 | 0.0500 | 2 | 02/03/22 | 02/08/22 | |
| Toluene | 0.728 | 0.0500 | 2 | 02/03/22 | 02/08/22 | |
| o-Xylene | 2.65 | 0.0500 | 2 | 02/03/22 | 02/08/22 | |
| p,m-Xylene | 6.80 | 0.100 | 2 | 02/03/22 | 02/08/22 | |
| Total Xylenes | 9.45 | 0.0500 | 2 | 02/03/22 | 02/08/22 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 105 % | 70-130 | 02/03/22 | 02/08/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | Batch: 2206034 |
| Gasoline Range Organics (C6-C10) | 104 | 40.0 | 2 | 02/03/22 | 02/08/22 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 101 % | 70-130 | 02/03/22 | 02/08/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: JL | | Batch: 2207020 |
| Diesel Range Organics (C10-C28) | 2330 | 25.0 | 1 | 02/08/22 | 02/09/22 | |
| Oil Range Organics (C28-C36) | 266 | 50.0 | 1 | 02/08/22 | 02/09/22 | |
| <i>Surrogate: n-Nonane</i> | | 124 % | 50-200 | 02/08/22 | 02/09/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: IY | | Batch: 2207005 |
| Chloride | 823 | 20.0 | 1 | 02/07/22 | 02/08/22 | |



Sample Data

| | | |
|--|--|--|
| GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110 | Project Name: Raitt BID State #1 Project Number: 19034-0001 Project Manager: Becky Haskell | Reported: 2/9/2022 4:42:29PM |
|--|--|--|

Background

E202014-05

| Analyte | Result | Reporting Limit | Dilution | Prepared | Analyzed | Notes |
|---|--------|-----------------|----------|-------------|----------|----------------|
| Volatile Organics by EPA 8021B | mg/kg | mg/kg | | Analyst: IY | | Batch: 2206034 |
| Benzene | ND | 0.0250 | 1 | 02/03/22 | 02/04/22 | |
| Ethylbenzene | ND | 0.0250 | 1 | 02/03/22 | 02/04/22 | |
| Toluene | ND | 0.0250 | 1 | 02/03/22 | 02/04/22 | |
| o-Xylene | ND | 0.0250 | 1 | 02/03/22 | 02/04/22 | |
| p,m-Xylene | ND | 0.0500 | 1 | 02/03/22 | 02/04/22 | |
| Total Xylenes | ND | 0.0250 | 1 | 02/03/22 | 02/04/22 | |
| <i>Surrogate: 4-Bromochlorobenzene-PID</i> | | 94.0 % | 70-130 | 02/03/22 | 02/04/22 | |
| Nonhalogenated Organics by EPA 8015D - GRO | mg/kg | mg/kg | | Analyst: IY | | Batch: 2206034 |
| Gasoline Range Organics (C6-C10) | ND | 20.0 | 1 | 02/03/22 | 02/04/22 | |
| <i>Surrogate: 1-Chloro-4-fluorobenzene-FID</i> | | 99.8 % | 70-130 | 02/03/22 | 02/04/22 | |
| Nonhalogenated Organics by EPA 8015D - DRO/ORO | mg/kg | mg/kg | | Analyst: JL | | Batch: 2207020 |
| Diesel Range Organics (C10-C28) | ND | 25.0 | 1 | 02/08/22 | 02/09/22 | |
| Oil Range Organics (C28-C36) | ND | 50.0 | 1 | 02/08/22 | 02/09/22 | |
| <i>Surrogate: n-Nonane</i> | | 98.7 % | 50-200 | 02/08/22 | 02/09/22 | |
| Anions by EPA 300.0/9056A | mg/kg | mg/kg | | Analyst: IY | | Batch: 2207005 |
| Chloride | ND | 20.0 | 1 | 02/07/22 | 02/08/22 | |



QC Summary Data

| | | |
|--|--|--|
| GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110 | Project Name: Raitt BID State #1 Project Number: 19034-0001 Project Manager: Becky Haskell | Reported: 2/9/2022 4:42:29PM |
|--|--|--|

Volatile Organics by EPA 8021B

Analyst: IY

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2206034-BLK1)

Prepared: 02/03/22 Analyzed: 02/04/22

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | ND | 0.0250 | | | | | | | |
| Ethylbenzene | ND | 0.0250 | | | | | | | |
| Toluene | ND | 0.0250 | | | | | | | |
| o-Xylene | ND | 0.0250 | | | | | | | |
| p,m-Xylene | ND | 0.0500 | | | | | | | |
| Total Xylenes | ND | 0.0250 | | | | | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.64 | | 8.00 | | 95.5 | 70-130 | | | |

LCS (2206034-BS1)

Prepared: 02/03/22 Analyzed: 02/04/22

| | | | | | | | | | |
|-------------------------------------|------|--------|------|--|------|--------|--|--|--|
| Benzene | 4.07 | 0.0250 | 5.00 | | 81.5 | 70-130 | | | |
| Ethylbenzene | 4.14 | 0.0250 | 5.00 | | 82.7 | 70-130 | | | |
| Toluene | 4.24 | 0.0250 | 5.00 | | 84.8 | 70-130 | | | |
| o-Xylene | 4.21 | 0.0250 | 5.00 | | 84.3 | 70-130 | | | |
| p,m-Xylene | 8.42 | 0.0500 | 10.0 | | 84.2 | 70-130 | | | |
| Total Xylenes | 12.6 | 0.0250 | 15.0 | | 84.2 | 70-130 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.84 | | 8.00 | | 98.0 | 70-130 | | | |

Matrix Spike (2206034-MS1)

Source: E202013-02

Prepared: 02/03/22 Analyzed: 02/04/22

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|--|--|--|
| Benzene | 4.21 | 0.0250 | 5.00 | ND | 84.2 | 54-133 | | | |
| Ethylbenzene | 4.30 | 0.0250 | 5.00 | ND | 85.9 | 61-133 | | | |
| Toluene | 4.39 | 0.0250 | 5.00 | ND | 87.8 | 61-130 | | | |
| o-Xylene | 4.39 | 0.0250 | 5.00 | ND | 87.9 | 63-131 | | | |
| p,m-Xylene | 8.76 | 0.0500 | 10.0 | ND | 87.6 | 63-131 | | | |
| Total Xylenes | 13.2 | 0.0250 | 15.0 | ND | 87.7 | 63-131 | | | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.86 | | 8.00 | | 98.2 | 70-130 | | | |

Matrix Spike Dup (2206034-MSD1)

Source: E202013-02

Prepared: 02/03/22 Analyzed: 02/04/22

| | | | | | | | | | |
|-------------------------------------|------|--------|------|----|------|--------|-------|----|--|
| Benzene | 4.18 | 0.0250 | 5.00 | ND | 83.6 | 54-133 | 0.733 | 20 | |
| Ethylbenzene | 4.26 | 0.0250 | 5.00 | ND | 85.3 | 61-133 | 0.760 | 20 | |
| Toluene | 4.36 | 0.0250 | 5.00 | ND | 87.2 | 61-130 | 0.727 | 20 | |
| o-Xylene | 4.36 | 0.0250 | 5.00 | ND | 87.2 | 63-131 | 0.762 | 20 | |
| p,m-Xylene | 8.68 | 0.0500 | 10.0 | ND | 86.8 | 63-131 | 0.884 | 20 | |
| Total Xylenes | 13.0 | 0.0250 | 15.0 | ND | 86.9 | 63-131 | 0.843 | 20 | |
| Surrogate: 4-Bromochlorobenzene-PID | 7.94 | | 8.00 | | 99.2 | 70-130 | | | |



QC Summary Data

| | | |
|--|--|--|
| GHD 6121 Indian School Rd. NE #200 Albuquerque NM, 87110 | Project Name: Raitt BID State #1 Project Number: 19034-0001 Project Manager: Becky Haskell | Reported: 2/9/2022 4:42:29PM |
|--|--|--|

Nonhalogenated Organics by EPA 8015D - GRO

Analyst: IY

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % % | Rec Limits % | RPD % | RPD Limit % | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|---------------|--------------------|----------|-------------------|-------|

Blank (2206034-BLK1)

Prepared: 02/03/22 Analyzed: 02/04/22

| | | | | | | | | | |
|---|------|------|------|--|-----|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | ND | 20.0 | | | | | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.04 | | 8.00 | | 100 | 70-130 | | | |

LCS (2206034-BS2)

Prepared: 02/03/22 Analyzed: 02/04/22

| | | | | | | | | | |
|---|------|------|------|--|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 42.0 | 20.0 | 50.0 | | 84.0 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.09 | | 8.00 | | 101 | 70-130 | | | |

Matrix Spike (2206034-MS2)

Source: E202013-02

Prepared: 02/03/22 Analyzed: 02/04/22

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--|--|--|
| Gasoline Range Organics (C6-C10) | 44.8 | 20.0 | 50.0 | ND | 89.7 | 70-130 | | | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.06 | | 8.00 | | 101 | 70-130 | | | |

Matrix Spike Dup (2206034-MSD2)

Source: E202013-02

Prepared: 02/03/22 Analyzed: 02/04/22

| | | | | | | | | | |
|---|------|------|------|----|------|--------|--------|----|--|
| Gasoline Range Organics (C6-C10) | 44.9 | 20.0 | 50.0 | ND | 89.8 | 70-130 | 0.0885 | 20 | |
| Surrogate: 1-Chloro-4-fluorobenzene-FID | 8.04 | | 8.00 | | 101 | 70-130 | | | |



QC Summary Data

| | | | |
|--------------------------------|------------------|--------------------|--------------------|
| GHD | Project Name: | Raitt BID State #1 | Reported: |
| 6121 Indian School Rd. NE #200 | Project Number: | 19034-0001 | |
| Albuquerque NM, 87110 | Project Manager: | Becky Haskell | 2/9/2022 4:42:29PM |

Nonhalogenated Organics by EPA 8015D - DRO/ORO

Analyst: JL

| Analyte | Result mg/kg | Reporting Limit mg/kg | Spike Level mg/kg | Source Result mg/kg | Rec % | Rec Limits % | RPD % | RPD Limit % | Notes |
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|
|---------|-----------------|-----------------------------|-------------------------|---------------------------|----------|--------------------|----------|-------------------|-------|

Blank (2207020-BLK1)

Prepared: 02/08/22 Analyzed: 02/09/22

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | ND | 25.0 | | | | | | | |
| Oil Range Organics (C28-C36) | ND | 50.0 | | | | | | | |
| Surrogate: n-Nonane | 41.6 | | 50.0 | | 83.3 | 50-200 | | | |

LCS (2207020-BS1)

Prepared: 02/08/22 Analyzed: 02/08/22

| | | | | | | | | | |
|---------------------------------|------|------|------|--|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 577 | 25.0 | 500 | | 115 | 38-132 | | | |
| Surrogate: n-Nonane | 37.0 | | 50.0 | | 74.1 | 50-200 | | | |

Matrix Spike (2207020-MS1)

Source: E202035-06

Prepared: 02/08/22 Analyzed: 02/08/22

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|--|--|--|
| Diesel Range Organics (C10-C28) | 486 | 25.0 | 500 | ND | 97.2 | 38-132 | | | |
| Surrogate: n-Nonane | 38.5 | | 50.0 | | 77.0 | 50-200 | | | |

Matrix Spike Dup (2207020-MSD1)

Source: E202035-06

Prepared: 02/08/22 Analyzed: 02/08/22

| | | | | | | | | | |
|---------------------------------|------|------|------|----|------|--------|------|----|--|
| Diesel Range Organics (C10-C28) | 495 | 25.0 | 500 | ND | 99.1 | 38-132 | 1.96 | 20 | |
| Surrogate: n-Nonane | 40.4 | | 50.0 | | 80.8 | 50-200 | | | |



QC Summary Data

| | | | |
|--------------------------------|------------------|--------------------|--------------------|
| GHD | Project Name: | Raitt BID State #1 | Reported: |
| 6121 Indian School Rd. NE #200 | Project Number: | 19034-0001 | |
| Albuquerque NM, 87110 | Project Manager: | Becky Haskell | 2/9/2022 4:42:29PM |

Anions by EPA 300.0/9056A

Analyst: IY

| Analyte | Result | Reporting Limit | Spike Level | Source Result | Rec | Rec Limits | RPD | RPD Limit | Notes |
|---------|--------|-----------------|-------------|---------------|-----|------------|-----|-----------|-------|
| | mg/kg | mg/kg | mg/kg | mg/kg | % | % | % | % | |

Blank (2207005-BLK1)

Prepared: 02/07/22 Analyzed: 02/08/22

| | | | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|
| Chloride | ND | 20.0 | | | | | | | |
|----------|----|------|--|--|--|--|--|--|--|

LCS (2207005-BS1)

Prepared: 02/07/22 Analyzed: 02/08/22

| | | | | | | | | | |
|----------|-----|------|-----|--|------|--------|--|--|--|
| Chloride | 243 | 20.0 | 250 | | 97.2 | 90-110 | | | |
|----------|-----|------|-----|--|------|--------|--|--|--|

Matrix Spike (2207005-MS1)

Source: E202004-02

Prepared: 02/07/22 Analyzed: 02/08/22

| | | | | | | | | | |
|----------|-----|------|-----|-----|------|--------|--|--|--|
| Chloride | 576 | 20.0 | 250 | 363 | 85.2 | 80-120 | | | |
|----------|-----|------|-----|-----|------|--------|--|--|--|

Matrix Spike Dup (2207005-MSD1)

Source: E202004-02

Prepared: 02/07/22 Analyzed: 02/08/22

| | | | | | | | | | |
|----------|-----|------|-----|-----|------|--------|-------|----|--|
| Chloride | 581 | 20.0 | 250 | 363 | 87.0 | 80-120 | 0.762 | 20 | |
|----------|-----|------|-----|-----|------|--------|-------|----|--|

QC Summary Report Comment:

Calculations are based off of the raw (non-rounded) data. However, for reporting purposes all QC data is rounded to three significant figures. Therefore, hand calculated values may differ slightly.



Definitions and Notes

| | | | |
|--------------------------------|------------------|--------------------|------------------|
| GHD | Project Name: | Raitt BID State #1 | |
| 6121 Indian School Rd. NE #200 | Project Number: | 19034-0001 | Reported: |
| Albuquerque NM, 87110 | Project Manager: | Becky Haskell | 02/09/22 16:42 |

S5 Surrogate spike recovery exceeded acceptance limits due to interfering target and/or non-target analytes.

ND Analyte NOT DETECTED at or above the reporting limit

NR Not Reported

RPD Relative Percent Difference

DNI Did Not Ignite

Note (1): Methods marked with ** are non-accredited methods.

Note (2): Soil data is reported on an "as received" weight basis, unless reported otherwise.



Client: GHD
 Project: Reiff BID State #1
 Sampler: Zach Conner
 Phone: (505) 377-4218
 Email(s): Zach.conner@GHD.com / Becky.Haskell@GHD.com
 Project Manager: Becky Haskell Matt.Layhlin@GHD.com

RUSH?
 1d
 3d
Standard

| | | | | | |
|-------------------|---------------------|--|--|--|----------------------------------|
| Lab Use Only | Analysis and Method | | | | Lab Only |
| Lab WO# | | | | | Lab Number Correct Cont/Prsrv |
| Job Number | | | | | |
| <u>PE202014</u> | | | | | |
| <u>19034-0001</u> | | | | | |

| Sample ID | Sample Date | Sample Time | Matrix | Containers | | | | Lab Number | Correct Cont/Prsrv |
|------------|-------------|-------------|--------|------------|-----|------|--------------|------------|--------------------|
| | | | | QTY | Vol | TYPE | Preservative | | |
| HA-1 | 02022022 | 0955 | S | | | | | 1 | |
| HA-2 | | 0950 | | | | | | 2 | |
| HA-3 | | 1010 | | | | | | 3 | |
| HA-4 | | 1035 | | | | | | 4 | |
| Background | | 1055 | | | | | | 5 | |

| | | | | | | |
|--|-------------------------|---------------------|--|-----------------------|----------------------|---|
| Relinquished by: (Signature) <u>Zach Conner</u> | Date <u>02022022</u> | Time <u>1400</u> | Received by: (Signature) <u>Jan Ash</u> | Date <u>2.2.22</u> | Time <u>1530</u> | Lab Use Only **Received on Ice <input checked="" type="checkbox"/> / N T1 _____ T2 _____ T3 _____ AVG Temp °C <u>4</u> |
| Relinquished by: (Signature) <u>Jan Ash</u> | Date <u>2.2.22</u> | Time <u>1700</u> | Received by: (Signature) <u>Caitlin Chaston</u> | Date <u>2/3/22</u> | Time <u>11:45</u> | |

Sample Matrix: S - Soil, Sd - Solid, Sg - Sludge, A - Aqueous, O - Other _____ Container Type: g - glass, p - poly/plastic, ag - amber glass, v - VOA

**Samples requiring thermal preservation must be received on ice the day they are sampled or received packed in ice at an avg temp above 0 but less than 6 °C on subsequent days.

Sample(s) dropped off after hours to a secure drop off area. Chain of Custody Notes/Billing info: Direct Bill to Bob Asher (EOG)



Envirotech Analytical Laboratory

Printed: 2/3/2022 12:36:27PM

Sample Receipt Checklist (SRC)

Instructions: Please take note of any NO checkmarks.

If we receive no response concerning these items within 24 hours of the date of this notice, all the samples will be analyzed as requested.

| | | |
|------------------------------|--------------------------------------|---------------------------------|
| Client: GHD | Date Received: 02/03/22 11:45 | Work Order ID: E202014 |
| Phone: (505) 884-0672 | Date Logged In: 02/03/22 08:14 | Logged In By: Caitlin Christian |
| Email: becky.haskell@ghd.com | Due Date: 02/09/22 17:00 (4 day TAT) | |

Chain of Custody (COC)

- 1. Does the sample ID match the COC? Yes
- 2. Does the number of samples per sampling site location match the COC? Yes
- 3. Were samples dropped off by client or carrier? Yes
- 4. Was the COC complete, i.e., signatures, dates/times, requested analyses? Yes
- 5. Were all samples received within holding time? Yes

Carrier: UPS

Note: Analysis, such as pH which should be conducted in the field, i.e, 15 minute hold time, are not included in this discussion.

Comments/Resolution

Sample Turn Around Time (TAT)

- 6. Did the COC indicate standard TAT, or Expedited TAT? Yes

Sample Cooler

- 7. Was a sample cooler received? Yes
- 8. If yes, was cooler received in good condition? Yes
- 9. Was the sample(s) received intact, i.e., not broken? Yes
- 10. Were custody/security seals present? No
- 11. If yes, were custody/security seals intact? NA
- 12. Was the sample received on ice? If yes, the recorded temp is 4°C, i.e., 6°±2°C? Yes

Note: Thermal preservation is not required, if samples are received w/i 15 minutes of sampling

- 13. If no visible ice, record the temperature. Actual sample temperature: 4°C

Sample Container

- 14. Are aqueous VOC samples present? No
- 15. Are VOC samples collected in VOA Vials? NA
- 16. Is the head space less than 6-8 mm (pea sized or less)? NA
- 17. Was a trip blank (TB) included for VOC analyses? NA
- 18. Are non-VOC samples collected in the correct containers? Yes
- 19. Is the appropriate volume/weight or number of sample containers collected? Yes

Field Label

- 20. Were field sample labels filled out with the minimum information:
 - Sample ID? Yes
 - Date/Time Collected? Yes
 - Collectors name? No

Sample Preservation

- 21. Does the COC or field labels indicate the samples were preserved? No
- 22. Are sample(s) correctly preserved? NA
- 24. Is lab filtration required and/or requested for dissolved metals? No

Multiphase Sample Matrix

- 26. Does the sample have more than one phase, i.e., multiphase? No
- 27. If yes, does the COC specify which phase(s) is to be analyzed? NA

Subcontract Laboratory

- 28. Are samples required to get sent to a subcontract laboratory? No
- 29. Was a subcontract laboratory specified by the client and if so who? NA Subcontract Lab: na

Client Instruction

Signature of client authorizing changes to the COC or sample disposition.

Date



envirotech Inc.



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

March 28, 2022

Tom Larson
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX

RE: Raitt BID State 1

OrderNo.: 2203917

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 8 sample(s) on 3/17/2022 for the analyses presented in the following report.

This report is a revised report and it replaces the original report issued March 21, 2022.

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.

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 **2203917**

Date Reported: **3/28/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP1-2

Project: Raitt BID State 1

Collection Date: 3/15/2022 8:00:00 AM

Lab ID: 2203917-001

Matrix: SOIL

Received Date: 3/17/2022 7:00:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 120 | 60 | | mg/Kg | 20 | 3/17/2022 7:20:56 PM | 66250 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | 38 | 9.6 | | mg/Kg | 1 | 3/17/2022 1:05:17 PM | 66228 |
| Motor Oil Range Organics (MRO) | 50 | 48 | | mg/Kg | 1 | 3/17/2022 1:05:17 PM | 66228 |
| Surr: DNOP | 93.3 | 51.1-141 | | %Rec | 1 | 3/17/2022 1:05:17 PM | 66228 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.8 | | mg/Kg | 1 | 3/17/2022 11:34:45 AM | G86557 |
| Surr: BFB | 104 | 70-130 | | %Rec | 1 | 3/17/2022 11:34:45 AM | G86557 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.019 | | mg/Kg | 1 | 3/17/2022 11:34:45 AM | B86557 |
| Toluene | ND | 0.038 | | mg/Kg | 1 | 3/17/2022 11:34:45 AM | B86557 |
| Ethylbenzene | ND | 0.038 | | mg/Kg | 1 | 3/17/2022 11:34:45 AM | B86557 |
| Xylenes, Total | ND | 0.076 | | mg/Kg | 1 | 3/17/2022 11:34:45 AM | B86557 |
| Surr: 4-Bromofluorobenzene | 94.4 | 70-130 | | %Rec | 1 | 3/17/2022 11:34:45 AM | B86557 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203917**

Date Reported: **3/28/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP1-S

Project: Raitt BID State 1

Collection Date: 3/15/2022 8:05:00 AM

Lab ID: 2203917-002

Matrix: SOIL

Received Date: 3/17/2022 7:00:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 3/17/2022 7:58:09 PM | 66250 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | 100 | 9.3 | | mg/Kg | 1 | 3/17/2022 1:37:06 PM | 66228 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 3/17/2022 1:37:06 PM | 66228 |
| Surr: DNOP | 89.6 | 51.1-141 | | %Rec | 1 | 3/17/2022 1:37:06 PM | 66228 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.5 | | mg/Kg | 1 | 3/17/2022 12:45:12 PM | G86557 |
| Surr: BFB | 104 | 70-130 | | %Rec | 1 | 3/17/2022 12:45:12 PM | G86557 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.017 | | mg/Kg | 1 | 3/17/2022 12:45:12 PM | B86557 |
| Toluene | ND | 0.035 | | mg/Kg | 1 | 3/17/2022 12:45:12 PM | B86557 |
| Ethylbenzene | ND | 0.035 | | mg/Kg | 1 | 3/17/2022 12:45:12 PM | B86557 |
| Xylenes, Total | ND | 0.069 | | mg/Kg | 1 | 3/17/2022 12:45:12 PM | B86557 |
| Surr: 4-Bromofluorobenzene | 95.5 | 70-130 | | %Rec | 1 | 3/17/2022 12:45:12 PM | B86557 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203917**

Date Reported: **3/28/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP2-2

Project: Raitt BID State 1

Collection Date: 3/15/2022 8:15:00 AM

Lab ID: 2203917-003

Matrix: SOIL

Received Date: 3/17/2022 7:00:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 180 | 60 | | mg/Kg | 20 | 3/17/2022 8:10:33 PM | 66250 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg | 1 | 3/17/2022 1:47:43 PM | 66228 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 3/17/2022 1:47:43 PM | 66228 |
| Surr: DNOP | 81.7 | 51.1-141 | | %Rec | 1 | 3/17/2022 1:47:43 PM | 66228 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.8 | | mg/Kg | 1 | 3/17/2022 1:56:14 PM | G86557 |
| Surr: BFB | 105 | 70-130 | | %Rec | 1 | 3/17/2022 1:56:14 PM | G86557 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.019 | | mg/Kg | 1 | 3/17/2022 1:56:14 PM | B86557 |
| Toluene | ND | 0.038 | | mg/Kg | 1 | 3/17/2022 1:56:14 PM | B86557 |
| Ethylbenzene | ND | 0.038 | | mg/Kg | 1 | 3/17/2022 1:56:14 PM | B86557 |
| Xylenes, Total | ND | 0.076 | | mg/Kg | 1 | 3/17/2022 1:56:14 PM | B86557 |
| Surr: 4-Bromofluorobenzene | 94.3 | 70-130 | | %Rec | 1 | 3/17/2022 1:56:14 PM | B86557 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203917**

Date Reported: **3/28/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP2-S

Project: Raitt BID State 1

Collection Date: 3/15/2022 8:20:00 AM

Lab ID: 2203917-004

Matrix: SOIL

Received Date: 3/17/2022 7:00:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 3/17/2022 8:22:57 PM | 66250 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | 130 | 9.9 | | mg/Kg | 1 | 3/17/2022 1:58:19 PM | 66228 |
| Motor Oil Range Organics (MRO) | 68 | 50 | | mg/Kg | 1 | 3/17/2022 1:58:19 PM | 66228 |
| Surr: DNOP | 107 | 51.1-141 | | %Rec | 1 | 3/17/2022 1:58:19 PM | 66228 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.4 | | mg/Kg | 1 | 3/17/2022 2:19:55 PM | G86557 |
| Surr: BFB | 103 | 70-130 | | %Rec | 1 | 3/17/2022 2:19:55 PM | G86557 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.017 | | mg/Kg | 1 | 3/17/2022 2:19:55 PM | B86557 |
| Toluene | ND | 0.034 | | mg/Kg | 1 | 3/17/2022 2:19:55 PM | B86557 |
| Ethylbenzene | ND | 0.034 | | mg/Kg | 1 | 3/17/2022 2:19:55 PM | B86557 |
| Xylenes, Total | ND | 0.068 | | mg/Kg | 1 | 3/17/2022 2:19:55 PM | B86557 |
| Surr: 4-Bromofluorobenzene | 94.0 | 70-130 | | %Rec | 1 | 3/17/2022 2:19:55 PM | B86557 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203917**

Date Reported: **3/28/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP3-2

Project: Raitt BID State 1

Collection Date: 3/15/2022 8:45:00 AM

Lab ID: 2203917-005

Matrix: SOIL

Received Date: 3/17/2022 7:00:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 160 | 60 | | mg/Kg | 20 | 3/17/2022 8:35:21 PM | 66250 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg | 1 | 3/17/2022 2:08:58 PM | 66228 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 3/17/2022 2:08:58 PM | 66228 |
| Surr: DNOP | 92.8 | 51.1-141 | | %Rec | 1 | 3/17/2022 2:08:58 PM | 66228 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.0 | | mg/Kg | 1 | 3/17/2022 2:43:32 PM | G86557 |
| Surr: BFB | 104 | 70-130 | | %Rec | 1 | 3/17/2022 2:43:32 PM | G86557 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.020 | | mg/Kg | 1 | 3/17/2022 2:43:32 PM | B86557 |
| Toluene | ND | 0.040 | | mg/Kg | 1 | 3/17/2022 2:43:32 PM | B86557 |
| Ethylbenzene | ND | 0.040 | | mg/Kg | 1 | 3/17/2022 2:43:32 PM | B86557 |
| Xylenes, Total | ND | 0.080 | | mg/Kg | 1 | 3/17/2022 2:43:32 PM | B86557 |
| Surr: 4-Bromofluorobenzene | 93.8 | 70-130 | | %Rec | 1 | 3/17/2022 2:43:32 PM | B86557 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203917**

Date Reported: **3/28/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP3-S

Project: Raitt BID State 1

Collection Date: 3/15/2022 8:50:00 AM

Lab ID: 2203917-006

Matrix: SOIL

Received Date: 3/17/2022 7:00:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 59 | | mg/Kg | 20 | 3/17/2022 9:12:35 PM | 66250 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg | 1 | 3/17/2022 2:19:37 PM | 66228 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 3/17/2022 2:19:37 PM | 66228 |
| Surr: DNOP | 88.8 | 51.1-141 | | %Rec | 1 | 3/17/2022 2:19:37 PM | 66228 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.5 | | mg/Kg | 1 | 3/17/2022 3:07:06 PM | G86557 |
| Surr: BFB | 103 | 70-130 | | %Rec | 1 | 3/17/2022 3:07:06 PM | G86557 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.017 | | mg/Kg | 1 | 3/17/2022 3:07:06 PM | B86557 |
| Toluene | ND | 0.035 | | mg/Kg | 1 | 3/17/2022 3:07:06 PM | B86557 |
| Ethylbenzene | ND | 0.035 | | mg/Kg | 1 | 3/17/2022 3:07:06 PM | B86557 |
| Xylenes, Total | ND | 0.069 | | mg/Kg | 1 | 3/17/2022 3:07:06 PM | B86557 |
| Surr: 4-Bromofluorobenzene | 93.2 | 70-130 | | %Rec | 1 | 3/17/2022 3:07:06 PM | B86557 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203917**

Date Reported: **3/28/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP4-2

Project: Raitt BID State 1

Collection Date: 3/15/2022 9:00:00 AM

Lab ID: 2203917-007

Matrix: SOIL

Received Date: 3/17/2022 7:00:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 3/17/2022 9:24:59 PM | 66250 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 9.8 | | mg/Kg | 1 | 3/17/2022 2:30:25 PM | 66228 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 3/17/2022 2:30:25 PM | 66228 |
| Surr: DNOP | 81.5 | 51.1-141 | | %Rec | 1 | 3/17/2022 2:30:25 PM | 66228 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 3.5 | | mg/Kg | 1 | 3/17/2022 3:30:46 PM | G86557 |
| Surr: BFB | 100 | 70-130 | | %Rec | 1 | 3/17/2022 3:30:46 PM | G86557 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.017 | | mg/Kg | 1 | 3/17/2022 3:30:46 PM | B86557 |
| Toluene | ND | 0.035 | | mg/Kg | 1 | 3/17/2022 3:30:46 PM | B86557 |
| Ethylbenzene | ND | 0.035 | | mg/Kg | 1 | 3/17/2022 3:30:46 PM | B86557 |
| Xylenes, Total | ND | 0.069 | | mg/Kg | 1 | 3/17/2022 3:30:46 PM | B86557 |
| Surr: 4-Bromofluorobenzene | 92.5 | 70-130 | | %Rec | 1 | 3/17/2022 3:30:46 PM | B86557 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203917**

Date Reported: **3/28/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP4-S

Project: Raitt BID State 1

Collection Date: 3/15/2022 9:30:00 AM

Lab ID: 2203917-008

Matrix: SOIL

Received Date: 3/17/2022 7:00:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 3/17/2022 9:37:24 PM | 66250 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | 190 | 9.4 | | mg/Kg | 1 | 3/18/2022 11:21:17 AM | 66228 |
| Motor Oil Range Organics (MRO) | 190 | 47 | | mg/Kg | 1 | 3/18/2022 11:21:17 AM | 66228 |
| Surr: DNOP | 106 | 51.1-141 | | %Rec | 1 | 3/18/2022 11:21:17 AM | 66228 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.3 | | mg/Kg | 1 | 3/17/2022 3:54:24 PM | G86557 |
| Surr: BFB | 106 | 70-130 | | %Rec | 1 | 3/17/2022 3:54:24 PM | G86557 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.022 | | mg/Kg | 1 | 3/17/2022 3:54:24 PM | B86557 |
| Toluene | ND | 0.043 | | mg/Kg | 1 | 3/17/2022 3:54:24 PM | B86557 |
| Ethylbenzene | ND | 0.043 | | mg/Kg | 1 | 3/17/2022 3:54:24 PM | B86557 |
| Xylenes, Total | ND | 0.087 | | mg/Kg | 1 | 3/17/2022 3:54:24 PM | B86557 |
| Surr: 4-Bromofluorobenzene | 93.8 | 70-130 | | %Rec | 1 | 3/17/2022 3:54:24 PM | B86557 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203917

28-Mar-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: MB-66250 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 66250 | RunNo: 86570 | | | | | | | | |
| Prep Date: 3/17/2022 | Analysis Date: 3/17/2022 | SeqNo: 3055565 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-66250 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 66250 | RunNo: 86570 | | | | | | | | |
| Prep Date: 3/17/2022 | Analysis Date: 3/17/2022 | SeqNo: 3055566 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 91.5 | 90 | 110 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203917

28-Mar-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: 2203917-001AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: TP1-2 | Batch ID: 66228 | RunNo: 86542 | | | | | | | | |
| Prep Date: 3/17/2022 | Analysis Date: 3/17/2022 | SeqNo: 3055268 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 65 | 9.7 | 48.40 | 37.56 | 56.8 | 36.1 | 154 | | | |
| Surr: DNOP | 6.0 | | 4.840 | | 124 | 51.1 | 141 | | | |

| Sample ID: 2203917-001AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: TP1-2 | Batch ID: 66228 | RunNo: 86542 | | | | | | | | |
| Prep Date: 3/17/2022 | Analysis Date: 3/17/2022 | SeqNo: 3055269 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 59 | 9.3 | 46.69 | 37.56 | 46.3 | 36.1 | 154 | 9.44 | 33.9 | |
| Surr: DNOP | 3.9 | | 4.669 | | 83.0 | 51.1 | 141 | 0 | 0 | |

| Sample ID: LCS-66228 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 66228 | RunNo: 86542 | | | | | | | | |
| Prep Date: 3/17/2022 | Analysis Date: 3/17/2022 | SeqNo: 3055283 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 45 | 10 | 50.00 | 0 | 90.7 | 68.9 | 135 | | | |
| Surr: DNOP | 3.7 | | 5.000 | | 74.2 | 51.1 | 141 | | | |

| Sample ID: MB-66228 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 66228 | RunNo: 86542 | | | | | | | | |
| Prep Date: 3/17/2022 | Analysis Date: 3/17/2022 | SeqNo: 3055287 | 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 | 8.3 | | 10.00 | | 82.6 | 51.1 | 141 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203917

28-Mar-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: mb | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: G86557 | RunNo: 86557 | | | | | | | | |
| Prep Date: | Analysis Date: 3/17/2022 | SeqNo: 3054763 | | | 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 | | 107 | 70 | 130 | | | |

| Sample ID: 2.5ug gro lcs | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|---------------------------------|---------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: G86557 | RunNo: 86557 | | | | | | | | |
| Prep Date: | Analysis Date: 3/17/2022 | SeqNo: 3054764 | | | 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 | 96.9 | 78.6 | 131 | | | |
| Surr: BFB | 1200 | | 1000 | | 122 | 70 | 130 | | | |

| Sample ID: 2203917-001ams | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|---------------------------------|---|-----------|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: TP1-2 | Batch ID: G86557 | RunNo: 86557 | | | | | | | | |
| Prep Date: | Analysis Date: 3/17/2022 | SeqNo: 3054782 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 17 | 3.8 | 19.11 | 0 | 88.6 | 70 | 130 | | | |
| Surr: BFB | 900 | | 764.5 | | 118 | 70 | 130 | | | |

| Sample ID: 2203917-001amsd | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|---------------------------------|---|-----------|-------------|---------------------|----------|-----------|-------|----------|------|
| Client ID: TP1-2 | Batch ID: G86557 | RunNo: 86557 | | | | | | | | |
| Prep Date: | Analysis Date: 3/17/2022 | SeqNo: 3054783 | | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 17 | 3.8 | 19.11 | 0 | 88.8 | 70 | 130 | 0.271 | 20 | |
| Surr: BFB | 910 | | 764.5 | | 119 | 70 | 130 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203917

28-Mar-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: mb | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: B86557 | RunNo: 86557 | | | | | | | | |
| Prep Date: | Analysis Date: 3/17/2022 | SeqNo: 3054808 | 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 | 0.94 | | 1.000 | | 94.4 | 70 | 130 | | | |

| Sample ID: 100ng btex lcs | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: B86557 | RunNo: 86557 | | | | | | | | |
| Prep Date: | Analysis Date: 3/17/2022 | SeqNo: 3054809 | 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 | 86.7 | 80 | 120 | | | |
| Toluene | 0.92 | 0.050 | 1.000 | 0 | 91.6 | 80 | 120 | | | |
| Ethylbenzene | 0.93 | 0.050 | 1.000 | 0 | 92.6 | 80 | 120 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 93.2 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.98 | | 1.000 | | 97.8 | 70 | 130 | | | |

| Sample ID: 2203917-002ams | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: TP1-S | Batch ID: B86557 | RunNo: 86557 | | | | | | | | |
| Prep Date: | Analysis Date: 3/17/2022 | SeqNo: 3054821 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.60 | 0.017 | 0.6949 | 0 | 85.8 | 68.8 | 120 | | | |
| Toluene | 0.63 | 0.035 | 0.6949 | 0 | 90.9 | 73.6 | 124 | | | |
| Ethylbenzene | 0.64 | 0.035 | 0.6949 | 0 | 91.6 | 72.7 | 129 | | | |
| Xylenes, Total | 1.9 | 0.069 | 2.085 | 0 | 91.8 | 75.7 | 126 | | | |
| Surr: 4-Bromofluorobenzene | 0.68 | | 0.6949 | | 97.4 | 70 | 130 | | | |

| Sample ID: 2203917-002amsd | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: TP1-S | Batch ID: B86557 | RunNo: 86557 | | | | | | | | |
| Prep Date: | Analysis Date: 3/17/2022 | SeqNo: 3054822 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.59 | 0.017 | 0.6949 | 0 | 85.2 | 68.8 | 120 | 0.608 | 20 | |
| Toluene | 0.63 | 0.035 | 0.6949 | 0 | 90.4 | 73.6 | 124 | 0.485 | 20 | |
| Ethylbenzene | 0.64 | 0.035 | 0.6949 | 0 | 91.4 | 72.7 | 129 | 0.208 | 20 | |
| Xylenes, Total | 1.9 | 0.069 | 2.085 | 0 | 91.7 | 75.7 | 126 | 0.156 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.68 | | 0.6949 | | 97.2 | 70 | 130 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- 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: clients.hallenvironmental.com

Sample Log-In Check List

Client Name: GHD Midland Work Order Number: 2203917 RcptNo: 1

Received By: Cheyenne Cason 3/17/2022 7:00:00 AM
Completed By: Tracy Casarrubias 3/17/2022 7:41:27 AM
Reviewed By: [Signature] 3-17-22

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. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [] No [] NA [checked]
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: JLC 3/17/22

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 6 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 3.9, Good, Yes, [], [], []

Chain-of-Custody Record

Client: GHD

Mailing Address:
324 W. Main St. Suite 108, Artesia NM 88210

Phone #: (505)377-4218

email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush 24-hour

Project Name:
RWH BID Site #1

Project #:
12575014

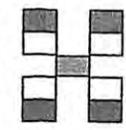
Project Manager:
Becky Haskell
Tom Larson

Sampler: Zach Comino

On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): 3.8 + 0.1 = 3.9



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
4901 Hawkins NE - Albuquerque, NM 87109
Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. | BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO/DRO/MRO) | 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 | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | |
|----------|------|--------|-------------|----------------------|-------------------|----------|----------------------------|------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|--|
| 03/16/22 | 0800 | S | TP1-2 | Tar | | 2203917 | 0 | 0 | | | | | | | | | |
| | 0805 | | TP1-S | | | 001 | | | | | | | | | | | |
| | 0815 | | TP2-2 | | | 002 | | | | | | | | | | | |
| | 0820 | | TP2-S | | | 003 | | | | | | | | | | | |
| | 0845 | | TP3-2 | | | 004 | | | | | | | | | | | |
| | 0850 | | TP3-S | | | 005 | | | | | | | | | | | |
| | 0900 | | TP4-2 | | | 006 | | | | | | | | | | | |
| | 0930 | | TP4-S | | | 007 | | | | | | | | | | | |
| | | | | | | 008 | | | | | | | | | | | |

Date: 03/16/22 Time: 0800 Relinquished by: Zach Comino

Date: 3/16/22 Time: 800 Received by: Chase Settle Via: _____

Date: 3/16/22 Time: 1900 Relinquished by: Chase Settle

Date: 3/17/22 Time: 0700 Received by: Chase Settle Via: _____

Remarks: Please email: Chase_Settle@eogresources.com;
Tom.Larson@ghd.com; Zach.Comino@ghd.com
Matthew.Laughlin@ghd.com; Along with Becky Haskell listed above. / Amber_Griffen@eogresources.com
Direct Bill to EOG Chase Settle

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: clients.hallenvironmental.com

March 30, 2022

Tom Larson
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX

RE: Raitt BID State 1

OrderNo.: 2203988

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 8 sample(s) on 3/18/2022 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 in a cursive style.

Andy Freeman
Laboratory Manager
4901 Hawkins NE
Albuquerque, NM 87109

Analytical Report

Lab Order **2203988**

Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP5-2

Project: Raitt BID State 1

Collection Date: 3/16/2022 8:30:00 AM

Lab ID: 2203988-001

Matrix: MEOH (SOIL)

Received Date: 3/18/2022 7:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 150 | 60 | | mg/Kg | 20 | 3/18/2022 4:31:17 PM | 66264 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | 1500 | 97 | | mg/Kg | 10 | 3/18/2022 10:12:15 PM | 66261 |
| Motor Oil Range Organics (MRO) | 500 | 490 | | mg/Kg | 10 | 3/18/2022 10:12:15 PM | 66261 |
| Surr: DNOP | 0 | 51.1-141 | S | %Rec | 10 | 3/18/2022 10:12:15 PM | 66261 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 190 | 14 | | mg/Kg | 5 | 3/18/2022 9:38:09 AM | G86597 |
| Surr: BFB | 259 | 70-130 | S | %Rec | 5 | 3/18/2022 9:38:09 AM | G86597 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.072 | | mg/Kg | 5 | 3/18/2022 9:38:09 AM | B86597 |
| Toluene | 1.2 | 0.14 | | mg/Kg | 5 | 3/18/2022 9:38:09 AM | B86597 |
| Ethylbenzene | 0.94 | 0.14 | | mg/Kg | 5 | 3/18/2022 9:38:09 AM | B86597 |
| Xylenes, Total | 9.6 | 0.29 | | mg/Kg | 5 | 3/18/2022 9:38:09 AM | B86597 |
| Surr: 4-Bromofluorobenzene | 116 | 70-130 | | %Rec | 5 | 3/18/2022 9:38:09 AM | B86597 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203988**

Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP5-4

Project: Raitt BID State 1

Collection Date: 3/16/2022 8:55:00 AM

Lab ID: 2203988-002

Matrix: MEOH (SOIL)

Received Date: 3/18/2022 7:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 3/18/2022 4:43:42 PM | 66264 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | 97 | 9.7 | | mg/Kg | 1 | 3/18/2022 10:23:03 PM | 66261 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 3/18/2022 10:23:03 PM | 66261 |
| Surr: DNOP | 78.8 | 51.1-141 | | %Rec | 1 | 3/18/2022 10:23:03 PM | 66261 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 19 | 19 | | mg/Kg | 5 | 3/18/2022 10:01:50 AM | G86597 |
| Surr: BFB | 137 | 70-130 | S | %Rec | 5 | 3/18/2022 10:01:50 AM | G86597 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.095 | | mg/Kg | 5 | 3/18/2022 10:01:50 AM | B86597 |
| Toluene | ND | 0.19 | | mg/Kg | 5 | 3/18/2022 10:01:50 AM | B86597 |
| Ethylbenzene | ND | 0.19 | | mg/Kg | 5 | 3/18/2022 10:01:50 AM | B86597 |
| Xylenes, Total | 0.57 | 0.38 | | mg/Kg | 5 | 3/18/2022 10:01:50 AM | B86597 |
| Surr: 4-Bromofluorobenzene | 103 | 70-130 | | %Rec | 5 | 3/18/2022 10:01:50 AM | B86597 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203988**

Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP5-6

Project: Raitt BID State 1

Collection Date: 3/16/2022 9:10:00 AM

Lab ID: 2203988-003

Matrix: MEOH (SOIL)

Received Date: 3/18/2022 7:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 3/20/2022 12:38:09 PM | 66279 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 9.2 | | mg/Kg | 1 | 3/18/2022 10:33:51 PM | 66261 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 3/18/2022 10:33:51 PM | 66261 |
| Surr: DNOP | 102 | 51.1-141 | | %Rec | 1 | 3/18/2022 10:33:51 PM | 66261 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.1 | | mg/Kg | 1 | 3/18/2022 11:36:04 AM | G86597 |
| Surr: BFB | 107 | 70-130 | | %Rec | 1 | 3/18/2022 11:36:04 AM | G86597 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.020 | | mg/Kg | 1 | 3/18/2022 11:36:04 AM | B86597 |
| Toluene | ND | 0.041 | | mg/Kg | 1 | 3/18/2022 11:36:04 AM | B86597 |
| Ethylbenzene | ND | 0.041 | | mg/Kg | 1 | 3/18/2022 11:36:04 AM | B86597 |
| Xylenes, Total | ND | 0.081 | | mg/Kg | 1 | 3/18/2022 11:36:04 AM | B86597 |
| Surr: 4-Bromofluorobenzene | 98.7 | 70-130 | | %Rec | 1 | 3/18/2022 11:36:04 AM | B86597 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203988**

Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP6-2

Project: Raitt BID State 1

Collection Date: 3/16/2022 9:50:00 AM

Lab ID: 2203988-005

Matrix: MEOH (SOIL)

Received Date: 3/18/2022 7:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 3/20/2022 1:15:23 PM | 66279 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | 190 | 9.8 | | mg/Kg | 1 | 3/18/2022 10:55:21 PM | 66261 |
| Motor Oil Range Organics (MRO) | 50 | 49 | | mg/Kg | 1 | 3/18/2022 10:55:21 PM | 66261 |
| Surr: DNOP | 79.3 | 51.1-141 | | %Rec | 1 | 3/18/2022 10:55:21 PM | 66261 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 20 | | mg/Kg | 5 | 3/18/2022 12:23:19 PM | G86597 |
| Surr: BFB | 117 | 70-130 | | %Rec | 5 | 3/18/2022 12:23:19 PM | G86597 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.10 | | mg/Kg | 5 | 3/18/2022 12:23:19 PM | B86597 |
| Toluene | ND | 0.20 | | mg/Kg | 5 | 3/18/2022 12:23:19 PM | B86597 |
| Ethylbenzene | ND | 0.20 | | mg/Kg | 5 | 3/18/2022 12:23:19 PM | B86597 |
| Xylenes, Total | ND | 0.40 | | mg/Kg | 5 | 3/18/2022 12:23:19 PM | B86597 |
| Surr: 4-Bromofluorobenzene | 98.3 | 70-130 | | %Rec | 5 | 3/18/2022 12:23:19 PM | B86597 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203988**

Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP6-4

Project: Raitt BID State 1

Collection Date: 3/16/2022 10:05:00 AM

Lab ID: 2203988-006

Matrix: MEOH (SOIL)

Received Date: 3/18/2022 7:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 61 | | mg/Kg | 20 | 3/20/2022 1:27:48 PM | 66279 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | 32 | 9.9 | | mg/Kg | 1 | 3/18/2022 11:06:04 PM | 66261 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 3/18/2022 11:06:04 PM | 66261 |
| Surr: DNOP | 71.0 | 51.1-141 | | %Rec | 1 | 3/18/2022 11:06:04 PM | 66261 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | 88 | 19 | | mg/Kg | 5 | 3/18/2022 12:47:02 PM | G86597 |
| Surr: BFB | 240 | 70-130 | S | %Rec | 5 | 3/18/2022 12:47:02 PM | G86597 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.097 | | mg/Kg | 5 | 3/18/2022 12:47:02 PM | B86597 |
| Toluene | 0.37 | 0.19 | | mg/Kg | 5 | 3/18/2022 12:47:02 PM | B86597 |
| Ethylbenzene | 0.37 | 0.19 | | mg/Kg | 5 | 3/18/2022 12:47:02 PM | B86597 |
| Xylenes, Total | 3.9 | 0.39 | | mg/Kg | 5 | 3/18/2022 12:47:02 PM | B86597 |
| Surr: 4-Bromofluorobenzene | 104 | 70-130 | | %Rec | 5 | 3/18/2022 12:47:02 PM | B86597 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2203988**

Date Reported: **3/30/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: TP6-6

Project: Raitt BID State 1

Collection Date: 3/16/2022 10:25:00 AM

Lab ID: 2203988-007

Matrix: MEOH (SOIL)

Received Date: 3/18/2022 7:25:00 AM

| Analyses | Result | PQL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 3/20/2022 1:40:13 PM | 66279 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 9.7 | | mg/Kg | 1 | 3/18/2022 11:16:46 PM | 66261 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 3/18/2022 11:16:46 PM | 66261 |
| Surr: DNOP | 74.4 | 51.1-141 | | %Rec | 1 | 3/18/2022 11:16:46 PM | 66261 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.2 | | mg/Kg | 1 | 3/18/2022 1:10:33 PM | G86597 |
| Surr: BFB | 111 | 70-130 | | %Rec | 1 | 3/18/2022 1:10:33 PM | G86597 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.021 | | mg/Kg | 1 | 3/18/2022 1:10:33 PM | B86597 |
| Toluene | ND | 0.042 | | mg/Kg | 1 | 3/18/2022 1:10:33 PM | B86597 |
| Ethylbenzene | ND | 0.042 | | mg/Kg | 1 | 3/18/2022 1:10:33 PM | B86597 |
| Xylenes, Total | ND | 0.084 | | mg/Kg | 1 | 3/18/2022 1:10:33 PM | B86597 |
| Surr: 4-Bromofluorobenzene | 102 | 70-130 | | %Rec | 1 | 3/18/2022 1:10:33 PM | B86597 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203988

30-Mar-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: MB-66264 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 66264 | RunNo: 86593 | | | | | | | | |
| Prep Date: 3/18/2022 | Analysis Date: 3/18/2022 | SeqNo: 3056321 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-66264 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 66264 | RunNo: 86593 | | | | | | | | |
| Prep Date: 3/18/2022 | Analysis Date: 3/18/2022 | SeqNo: 3056322 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 95.8 | 90 | 110 | | | |

| Sample ID: MB-66279 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 66279 | RunNo: 86610 | | | | | | | | |
| Prep Date: 3/20/2022 | Analysis Date: 3/20/2022 | SeqNo: 3057325 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-66279 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 66279 | RunNo: 86610 | | | | | | | | |
| Prep Date: 3/20/2022 | Analysis Date: 3/20/2022 | SeqNo: 3057326 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 90.0 | 90 | 110 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203988

30-Mar-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: LCS-66261 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 66261 | RunNo: 86572 | | | | | | | | |
| Prep Date: 3/18/2022 | Analysis Date: 3/18/2022 | SeqNo: 3057106 | 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 | 91.3 | 68.9 | 135 | | | |
| Surr: DNOP | 3.4 | | 5.000 | | 67.2 | 51.1 | 141 | | | |

| Sample ID: MB-66261 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 66261 | RunNo: 86572 | | | | | | | | |
| Prep Date: 3/18/2022 | Analysis Date: 3/18/2022 | SeqNo: 3057110 | 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 | 8.3 | | 10.00 | | 83.2 | 51.1 | 141 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203988

30-Mar-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: mb | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: G86597 | RunNo: 86597 | | | | | | | | |
| Prep Date: | Analysis Date: 3/18/2022 | SeqNo: 3056670 | 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 | | 115 | 70 | 130 | | | |

| Sample ID: 2.5ug gro lcs | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|---------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: G86597 | RunNo: 86597 | | | | | | | | |
| Prep Date: | Analysis Date: 3/18/2022 | SeqNo: 3056671 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 29 | 5.0 | 25.00 | 0 | 115 | 78.6 | 131 | | | |
| Surr: BFB | 2400 | | 1000 | | 238 | 70 | 130 | | | S |

| Sample ID: 2203988-001ams | SampType: MS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|----------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: TP5-2 | Batch ID: G86597 | RunNo: 86597 | | | | | | | | |
| Prep Date: | Analysis Date: 3/18/2022 | SeqNo: 3056680 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 270 | 14 | 72.05 | 193.6 | 109 | 70 | 130 | | | |
| Surr: BFB | 16000 | | 2882 | | 553 | 70 | 130 | | | S |

| Sample ID: 2203988-001amsd | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: TP5-2 | Batch ID: G86597 | RunNo: 86597 | | | | | | | | |
| Prep Date: | Analysis Date: 3/18/2022 | SeqNo: 3056681 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 280 | 14 | 72.05 | 193.6 | 121 | 70 | 130 | 3.17 | 20 | |
| Surr: BFB | 16000 | | 2882 | | 569 | 70 | 130 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2203988

30-Mar-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: mb | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: B86597 | RunNo: 86597 | | | | | | | | |
| Prep Date: | Analysis Date: 3/18/2022 | SeqNo: 3056724 | 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 | 1.0 | | 1.000 | | 103 | 70 | 130 | | | |

| Sample ID: 100ng btex lcs | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: B86597 | RunNo: 86597 | | | | | | | | |
| Prep Date: | Analysis Date: 3/18/2022 | SeqNo: 3056725 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.92 | 0.025 | 1.000 | 0 | 92.1 | 80 | 120 | | | |
| Toluene | 0.98 | 0.050 | 1.000 | 0 | 97.6 | 80 | 120 | | | |
| Ethylbenzene | 0.98 | 0.050 | 1.000 | 0 | 98.2 | 80 | 120 | | | |
| Xylenes, Total | 2.9 | 0.10 | 3.000 | 0 | 98.1 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 1.0 | | 1.000 | | 102 | 70 | 130 | | | |

| Sample ID: 2203988-002ams | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: TP5-4 | Batch ID: B86597 | RunNo: 86597 | | | | | | | | |
| Prep Date: | Analysis Date: 3/18/2022 | SeqNo: 3056734 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 3.4 | 0.095 | 3.802 | 0 | 88.8 | 68.8 | 120 | | | |
| Toluene | 3.6 | 0.19 | 3.802 | 0.05970 | 94.1 | 73.6 | 124 | | | |
| Ethylbenzene | 3.7 | 0.19 | 3.802 | 0.08441 | 94.9 | 72.7 | 129 | | | |
| Xylenes, Total | 12 | 0.38 | 11.41 | 0.5650 | 96.4 | 75.7 | 126 | | | |
| Surr: 4-Bromofluorobenzene | 3.9 | | 3.802 | | 103 | 70 | 130 | | | |

| Sample ID: 2203988-002amsd | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|--------|----------|------|
| Client ID: TP5-4 | Batch ID: B86597 | RunNo: 86597 | | | | | | | | |
| Prep Date: | Analysis Date: 3/18/2022 | SeqNo: 3056735 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 3.4 | 0.095 | 3.802 | 0 | 88.9 | 68.8 | 120 | 0.0900 | 20 | |
| Toluene | 3.6 | 0.19 | 3.802 | 0.05970 | 92.8 | 73.6 | 124 | 1.33 | 20 | |
| Ethylbenzene | 3.7 | 0.19 | 3.802 | 0.08441 | 94.3 | 72.7 | 129 | 0.558 | 20 | |
| Xylenes, Total | 12 | 0.38 | 11.41 | 0.5650 | 96.2 | 75.7 | 126 | 0.204 | 20 | |
| Surr: 4-Bromofluorobenzene | 4.0 | | 3.802 | | 104 | 70 | 130 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Sample Log-In Check List

Client Name: GHD Midland Work Order Number: 2203988 RcptNo: 1

Received By: Cheyenne Cason 3/18/2022 7:25:00 AM

Completed By: Sean Livingston 3/18/2022 8:05:30 AM

Reviewed By: *[Signature]* 3-18-22

Check
Sean Livingston

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. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA
- 10. Were any sample containers received broken? Yes No
- 11. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)
- 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? Yes No
(If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: *JN 3/18/22*

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 | 1.8 | Good | | | | |

Chain-of-Custody Record

Client: GHD

Mailing Address:
 324 W. Main St. Suite 108, Artesia NM 88210
 Phone #: (505)377-4218
 email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:
 Standard Level 4 (Full Validation)

Accreditation: Az Compliance
 NELAC Other _____
 EDD (Type) _____

Turn-Around Time:
 Standard Rush 24-hour

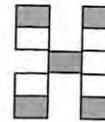
Project Name:
Rail BID State #1

Project #:
12575074

Project Manager:
 Becky Haskell
 Tom Larson

Sampler: Zach Comino
 On Ice: Yes No

of Coolers: _____
 Cooler Temp (including CF): 1.8 - 0 = 1.8



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com
 4901 Hawkins NE - Albuquerque, NM 87109
 Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. | BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 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 | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | Chloride Method 300 | Notes | |
|----------|------|--------|-------------|----------------------|-------------------|----------|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|---------------------|-------|---|
| 03/17/22 | 0830 | S | TPS-2 | Jar | | 2203998 | X | X | | | | | | | | | | | |
| | 0855 | | TPS-4 | | | 002 | | | | | | | | | | | | | |
| | 0910 | | TPS-6 | | | 003 | | | | | | | | | | | | | |
| | 0920 | | TPS-8 | | | 004 | | | | | | | | | | | | | |
| | 0950 | | TP6-2 | | | 005 | | | | | | | | | | | | | X |
| | 1005 | | TP6-4 | | | 006 | | | | | | | | | | | | | |
| | 1025 | | TP6-6 | | | 007 | | | | | | | | | | | | | |
| | 1045 | | TP6-8 | | | 008 | | | | | | | | | | | | | X |

Help sample unless sample listed above is greater than 1000 mg/L or 1000 mg/L
 GPH
 3/17/22

Date: 03/17/22 Time: 0800 Relinquished by: Zach Comino Received by: A Cummines Via: _____ Date: 3/17/22 Time: 800

Date: 3/17/22 Time: 1900 Relinquished by: A Cummines Received by: Am Comino Via: _____ Date: 3/18/22 Time: 0725

Remarks: Please email: Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Matthew.Laughlin@ghd.com; Amber_Griffin@eogresources.com: Along with Becky Haskell listed above.

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 20, 2022

Becky Haskell
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Raitt BID State 1

OrderNo.: 2206636

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 6 sample(s) on 6/11/2022 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 **2206636**

Date Reported: **6/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-4

Project: Raitt BID State 1

Collection Date: 6/10/2022 10:30:00 AM

Lab ID: 2206636-001

Matrix: SOIL

Received Date: 6/11/2022 10:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 78 | 61 | | mg/Kg | 20 | 6/15/2022 11:52:15 PM | 68134 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg | 1 | 6/16/2022 7:11:48 PM | 68103 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg | 1 | 6/16/2022 7:11:48 PM | 68103 |
| Surr: DNOP | 130 | 51.1-141 | | %Rec | 1 | 6/16/2022 7:11:48 PM | 68103 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 6/14/2022 1:53:48 PM | 68079 |
| Surr: BFB | 94.8 | 37.7-212 | | %Rec | 1 | 6/14/2022 1:53:48 PM | 68079 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/14/2022 1:53:48 PM | 68079 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 6/14/2022 1:53:48 PM | 68079 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 6/14/2022 1:53:48 PM | 68079 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 6/14/2022 1:53:48 PM | 68079 |
| Surr: 4-Bromofluorobenzene | 92.4 | 70-130 | | %Rec | 1 | 6/14/2022 1:53:48 PM | 68079 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206636**

Date Reported: **6/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-5

Project: Raitt BID State 1

Collection Date: 6/10/2022 10:40:00 AM

Lab ID: 2206636-002

Matrix: SOIL

Received Date: 6/11/2022 10:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/16/2022 12:04:36 AM | 68134 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg | 1 | 6/16/2022 7:22:49 PM | 68103 |
| Motor Oil Range Organics (MRO) | ND | 43 | | mg/Kg | 1 | 6/16/2022 7:22:49 PM | 68103 |
| Surr: DNOP | 132 | 51.1-141 | | %Rec | 1 | 6/16/2022 7:22:49 PM | 68103 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 6/14/2022 3:05:23 PM | 68079 |
| Surr: BFB | 97.4 | 37.7-212 | | %Rec | 1 | 6/14/2022 3:05:23 PM | 68079 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 6/14/2022 3:05:23 PM | 68079 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 6/14/2022 3:05:23 PM | 68079 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 6/14/2022 3:05:23 PM | 68079 |
| Xylenes, Total | ND | 0.094 | | mg/Kg | 1 | 6/14/2022 3:05:23 PM | 68079 |
| Surr: 4-Bromofluorobenzene | 93.2 | 70-130 | | %Rec | 1 | 6/14/2022 3:05:23 PM | 68079 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206636**

Date Reported: **6/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-6

Project: Raitt BID State 1

Collection Date: 6/10/2022 10:50:00 AM

Lab ID: 2206636-003

Matrix: SOIL

Received Date: 6/11/2022 10:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 460 | 60 | | mg/Kg | 20 | 6/16/2022 12:16:58 AM | 68134 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 16 | 13 | | mg/Kg | 1 | 6/16/2022 7:33:50 PM | 68103 |
| Motor Oil Range Organics (MRO) | ND | 43 | | mg/Kg | 1 | 6/16/2022 7:33:50 PM | 68103 |
| Surr: DNOP | 126 | 51.1-141 | | %Rec | 1 | 6/16/2022 7:33:50 PM | 68103 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 6/14/2022 3:53:16 PM | 68079 |
| Surr: BFB | 98.7 | 37.7-212 | | %Rec | 1 | 6/14/2022 3:53:16 PM | 68079 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/14/2022 3:53:16 PM | 68079 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 6/14/2022 3:53:16 PM | 68079 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 6/14/2022 3:53:16 PM | 68079 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 6/14/2022 3:53:16 PM | 68079 |
| Surr: 4-Bromofluorobenzene | 96.0 | 70-130 | | %Rec | 1 | 6/14/2022 3:53:16 PM | 68079 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206636**

Date Reported: **6/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-1

Project: Raitt BID State 1

Collection Date: 6/10/2022 11:00:00 AM

Lab ID: 2206636-004

Matrix: SOIL

Received Date: 6/11/2022 10:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 73 | 60 | | mg/Kg | 20 | 6/16/2022 12:53:59 AM | 68139 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 6/16/2022 7:44:48 PM | 68103 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 6/16/2022 7:44:48 PM | 68103 |
| Surr: DNOP | 108 | 51.1-141 | | %Rec | 1 | 6/16/2022 7:44:48 PM | 68103 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 6/14/2022 4:17:12 PM | 68079 |
| Surr: BFB | 97.3 | 37.7-212 | | %Rec | 1 | 6/14/2022 4:17:12 PM | 68079 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 6/14/2022 4:17:12 PM | 68079 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 6/14/2022 4:17:12 PM | 68079 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 6/14/2022 4:17:12 PM | 68079 |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 6/14/2022 4:17:12 PM | 68079 |
| Surr: 4-Bromofluorobenzene | 93.4 | 70-130 | | %Rec | 1 | 6/14/2022 4:17:12 PM | 68079 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206636**

Date Reported: **6/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-5

Project: Raitt BID State 1

Collection Date: 6/10/2022 11:40:00 AM

Lab ID: 2206636-005

Matrix: SOIL

Received Date: 6/11/2022 10:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/16/2022 1:06:19 AM | 68139 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 6/16/2022 7:55:44 PM | 68103 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 6/16/2022 7:55:44 PM | 68103 |
| Surr: DNOP | 120 | 51.1-141 | | %Rec | 1 | 6/16/2022 7:55:44 PM | 68103 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 6/14/2022 4:41:10 PM | 68079 |
| Surr: BFB | 96.3 | 37.7-212 | | %Rec | 1 | 6/14/2022 4:41:10 PM | 68079 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 6/14/2022 4:41:10 PM | 68079 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 6/14/2022 4:41:10 PM | 68079 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 6/14/2022 4:41:10 PM | 68079 |
| Xylenes, Total | ND | 0.091 | | mg/Kg | 1 | 6/14/2022 4:41:10 PM | 68079 |
| Surr: 4-Bromofluorobenzene | 93.8 | 70-130 | | %Rec | 1 | 6/14/2022 4:41:10 PM | 68079 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206636**

Date Reported: **6/20/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-6

Project: Raitt BID State 1

Collection Date: 6/10/2022 11:50:00 AM

Lab ID: 2206636-006

Matrix: SOIL

Received Date: 6/11/2022 10:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/16/2022 1:43:22 AM | 68139 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 6/16/2022 8:06:36 PM | 68103 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 6/16/2022 8:06:36 PM | 68103 |
| Surr: DNOP | 135 | 51.1-141 | | %Rec | 1 | 6/16/2022 8:06:36 PM | 68103 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 6/14/2022 5:05:11 PM | 68079 |
| Surr: BFB | 97.8 | 37.7-212 | | %Rec | 1 | 6/14/2022 5:05:11 PM | 68079 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/14/2022 5:05:11 PM | 68079 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 6/14/2022 5:05:11 PM | 68079 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 6/14/2022 5:05:11 PM | 68079 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 6/14/2022 5:05:11 PM | 68079 |
| Surr: 4-Bromofluorobenzene | 94.7 | 70-130 | | %Rec | 1 | 6/14/2022 5:05:11 PM | 68079 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206636

20-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: MB-68134 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68134 | RunNo: 88758 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/15/2022 | SeqNo: 3152203 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-68134 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68134 | RunNo: 88758 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/15/2022 | SeqNo: 3152204 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 94.1 | 90 | 110 | | | |

| Sample ID: MB-68139 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68139 | RunNo: 88758 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/16/2022 | SeqNo: 3152233 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-68139 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68139 | RunNo: 88758 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/16/2022 | SeqNo: 3152234 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 97.5 | 90 | 110 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206636

20-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: LCS-68103 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68103 | | RunNo: 88796 | | | | | | | |
| Prep Date: 6/14/2022 | Analysis Date: 6/16/2022 | | SeqNo: 3154083 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 58 | 15 | 50.00 | 0 | 116 | 64.4 | 127 | | | |
| Surr: DNOP | 6.0 | | 5.000 | | 120 | 51.1 | 141 | | | |

| Sample ID: MB-68103 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|--------------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68103 | | RunNo: 88796 | | | | | | | |
| Prep Date: 6/14/2022 | Analysis Date: 6/16/2022 | | SeqNo: 3154084 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 15 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 11 | | 10.00 | | 109 | 51.1 | 141 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206636

20-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: ics-68079 | SampType: LCS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68079 | | RunNo: 88705 | | | | | | | |
| Prep Date: 6/13/2022 | Analysis Date: 6/14/2022 | | SeqNo: 3149489 | | 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 | 105 | 72.3 | 137 | | | |
| Surr: BFB | 2100 | | 1000 | | 207 | 37.7 | 212 | | | |

| Sample ID: mb-68079 | SampType: MBLK | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68079 | | RunNo: 88705 | | | | | | | |
| Prep Date: 6/13/2022 | Analysis Date: 6/14/2022 | | SeqNo: 3149490 | | 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 | 37.7 | 212 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206636

20-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: LCS-68079 | SampType: LCS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|-----------------------------|---------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68079 | | RunNo: 88705 | | | | | | | |
| Prep Date: 6/13/2022 | Analysis Date: 6/14/2022 | | SeqNo: 3149505 | | 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 | 88.0 | 80 | 120 | | | |
| Toluene | 0.91 | 0.050 | 1.000 | 0 | 91.2 | 80 | 120 | | | |
| Ethylbenzene | 0.91 | 0.050 | 1.000 | 0 | 91.3 | 80 | 120 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 91.9 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.95 | | 1.000 | | 95.0 | 70 | 130 | | | |

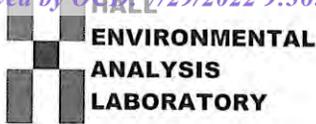
| Sample ID: mb-68079 | SampType: MBLK | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|-----------------------------|---------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68079 | | RunNo: 88705 | | | | | | | |
| Prep Date: 6/13/2022 | Analysis Date: 6/14/2022 | | SeqNo: 3149506 | | 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 | | 90.2 | 70 | 130 | | | |

| Sample ID: 2206636-001ams | SampType: MS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|----------------------------------|---------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: SW-4 | Batch ID: 68079 | | RunNo: 88705 | | | | | | | |
| Prep Date: 6/13/2022 | Analysis Date: 6/14/2022 | | SeqNo: 3150258 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.87 | 0.025 | 0.9843 | 0 | 88.6 | 68.8 | 120 | | | |
| Toluene | 0.92 | 0.049 | 0.9843 | 0 | 93.6 | 73.6 | 124 | | | |
| Ethylbenzene | 0.94 | 0.049 | 0.9843 | 0 | 95.4 | 72.7 | 129 | | | |
| Xylenes, Total | 2.8 | 0.098 | 2.953 | 0 | 95.7 | 75.7 | 126 | | | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 0.9843 | | 93.4 | 70 | 130 | | | |

| Sample ID: 2206636-001amsd | SampType: MSD | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|-----------------------------------|---------------------------------|-------|--|-------------|---------------------|----------|-----------|--------|----------|------|
| Client ID: SW-4 | Batch ID: 68079 | | RunNo: 88705 | | | | | | | |
| Prep Date: 6/13/2022 | Analysis Date: 6/14/2022 | | SeqNo: 3150259 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.89 | 0.025 | 0.9814 | 0 | 90.5 | 68.8 | 120 | 1.80 | 20 | |
| Toluene | 0.93 | 0.049 | 0.9814 | 0 | 94.8 | 73.6 | 124 | 0.989 | 20 | |
| Ethylbenzene | 0.94 | 0.049 | 0.9814 | 0 | 95.6 | 72.7 | 129 | 0.0749 | 20 | |
| Xylenes, Total | 2.8 | 0.098 | 2.944 | 0 | 95.8 | 75.7 | 126 | 0.187 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.94 | | 0.9814 | | 95.9 | 70 | 130 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Sample Log-In Check List

Client Name: **GHD Midland**

Work Order Number: **2206636**

RcptNo: **1**

Received By: **Desiree Dominguez** 6/11/2022 10:00:00 AM

DD

Completed By: **Desiree Dominguez** 6/11/2022 10:40:45 AM

DD

Reviewed By: *CMC* 6/13/22

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. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA
- 10. Were any sample containers received broken? Yes No
- 11. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)
- 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? Yes No
(If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
(<2 or >12 unless noted)
Adjusted? _____
Checked by: *DAD 6/11/22*

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 | 5.9 | Good | | | | |

Chain-of-Custody Record

Client: GHD

Mailing Address:
 2135 S. Loop 250 W. Midland, TX 79703
 Phone #: (432) 686-0086

email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:
 Standard Level 4 (Full Validation)
 Accreditation: Az Compliance Other
 NELAC Other
 EDD (Type)

Turn-Around Time:
 Standard Rush 5 Day

Project Name:
Raith BID State #1

Project #:
12575074

Project Manager:
 Becky Haskell
 Tom Larson

Sampler: Heath Boyd

On Ice: Yes No

of Coolers: 1

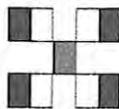
Cooler Temp (including CF): 5.6 + 0.2 = 5.9°C

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------|------|--------|-------------|----------------------|-------------------|----------|
| 6/10/22 | 1030 | S | SW-4 | 407. Jar/1 | N/A | 2206636 |
| | 1040 | | SW-5 | | | -001 |
| | 1050 | | SW-6 | | | -002 |
| | 1100 | | BH-1 | | | -003 |
| | 1140 | | BH-5 | | | -004 |
| | 1150 | X | BA-6 | | | -005 |
| | | | | | | -006 |

Date: 6/10/22 Time: 1030
 Relinquished by: *[Signature]*

Date: 6/10/22 Time: 1630
 Relinquished by: *[Signature]*

Date: 6/10/22 Time: 1900
 Relinquished by: *[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 / TMBs (8021) | TPH:8015D(GRO / DRO / MRO) | 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 | 8260 (VOA) | 8270 (Semi-VOA) | Chloride 300 M |
|---------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|----------------|
| X | X | | | | | | | | X |
| X | X | | | | | | | | X |
| X | X | | | | | | | | X |
| X | X | | | | | | | | X |
| X | X | | | | | | | | X |
| X | X | | | | | | | | X |

Remarks: Please email: Amber_Griffin@eogresources.com,
 Chase_Settle@eogresources.com; Tom.Larson@ghd.com;
 Zach.Comino@ghd.com;
 Heath.Boyd@ghd.com Along with Becky Haskell listed above.
 Direct Bill to EOG Chase Settle



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

June 22, 2022

Tom Larson
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Raitt BID State 1

OrderNo.: 2206710

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 18 sample(s) on 6/14/2022 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 **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-1

Project: Raitt BID State 1

Collection Date: 6/13/2022 10:10:00 AM

Lab ID: 2206710-001

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 63 | 60 | | mg/Kg | 20 | 6/20/2022 4:14:03 PM | 68209 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 6/16/2022 11:00:47 PM | 68149 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 6/16/2022 11:00:47 PM | 68149 |
| Surr: DNOP | 139 | 51.1-141 | | %Rec | 1 | 6/16/2022 11:00:47 PM | 68149 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 6/16/2022 9:17:00 PM | 68140 |
| Surr: BFB | 86.8 | 37.7-212 | | %Rec | 1 | 6/16/2022 9:17:00 PM | 68140 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 6/16/2022 9:17:00 PM | 68140 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 6/16/2022 9:17:00 PM | 68140 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 6/16/2022 9:17:00 PM | 68140 |
| Xylenes, Total | ND | 0.094 | | mg/Kg | 1 | 6/16/2022 9:17:00 PM | 68140 |
| Surr: 4-Bromofluorobenzene | 84.3 | 70-130 | | %Rec | 1 | 6/16/2022 9:17:00 PM | 68140 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-2

Project: Raitt BID State 1

Collection Date: 6/13/2022 10:20:00 AM

Lab ID: 2206710-002

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 510 | 60 | | mg/Kg | 20 | 6/20/2022 4:51:17 PM | 68209 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 23 | 14 | | mg/Kg | 1 | 6/16/2022 11:11:51 PM | 68149 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 6/16/2022 11:11:51 PM | 68149 |
| Surr: DNOP | 123 | 51.1-141 | | %Rec | 1 | 6/16/2022 11:11:51 PM | 68149 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 6/16/2022 9:36:00 PM | 68140 |
| Surr: BFB | 89.9 | 37.7-212 | | %Rec | 1 | 6/16/2022 9:36:00 PM | 68140 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/16/2022 9:36:00 PM | 68140 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 6/16/2022 9:36:00 PM | 68140 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 6/16/2022 9:36:00 PM | 68140 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 6/16/2022 9:36:00 PM | 68140 |
| Surr: 4-Bromofluorobenzene | 86.6 | 70-130 | | %Rec | 1 | 6/16/2022 9:36:00 PM | 68140 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-4

Project: Raitt BID State 1

Collection Date: 6/13/2022 10:30:00 AM

Lab ID: 2206710-003

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 67 | 60 | | mg/Kg | 20 | 6/20/2022 5:28:31 PM | 68209 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 6/16/2022 11:22:52 PM | 68149 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 6/16/2022 11:22:52 PM | 68149 |
| Surr: DNOP | 98.2 | 51.1-141 | | %Rec | 1 | 6/16/2022 11:22:52 PM | 68149 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.7 | | mg/Kg | 1 | 6/16/2022 9:56:00 PM | 68140 |
| Surr: BFB | 86.8 | 37.7-212 | | %Rec | 1 | 6/16/2022 9:56:00 PM | 68140 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/16/2022 9:56:00 PM | 68140 |
| Toluene | ND | 0.047 | | mg/Kg | 1 | 6/16/2022 9:56:00 PM | 68140 |
| Ethylbenzene | ND | 0.047 | | mg/Kg | 1 | 6/16/2022 9:56:00 PM | 68140 |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 6/16/2022 9:56:00 PM | 68140 |
| Surr: 4-Bromofluorobenzene | 86.7 | 70-130 | | %Rec | 1 | 6/16/2022 9:56:00 PM | 68140 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-7

Project: Raitt BID State 1

Collection Date: 6/13/2022 10:40:00 AM

Lab ID: 2206710-004

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/20/2022 5:40:56 PM | 68209 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 6/16/2022 11:33:56 PM | 68149 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 6/16/2022 11:33:56 PM | 68149 |
| Surr: DNOP | 126 | 51.1-141 | | %Rec | 1 | 6/16/2022 11:33:56 PM | 68149 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 6/16/2022 10:16:00 PM | 68140 |
| Surr: BFB | 90.5 | 37.7-212 | | %Rec | 1 | 6/16/2022 10:16:00 PM | 68140 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 6/16/2022 10:16:00 PM | 68140 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 6/16/2022 10:16:00 PM | 68140 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 6/16/2022 10:16:00 PM | 68140 |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 6/16/2022 10:16:00 PM | 68140 |
| Surr: 4-Bromofluorobenzene | 88.5 | 70-130 | | %Rec | 1 | 6/16/2022 10:16:00 PM | 68140 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-9

Project: Raitt BID State 1

Collection Date: 6/13/2022 10:50:00 AM

Lab ID: 2206710-005

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 200 | 60 | | mg/Kg | 20 | 6/20/2022 5:53:21 PM | 68209 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 74 | 14 | | mg/Kg | 1 | 6/16/2022 11:44:57 PM | 68149 |
| Motor Oil Range Organics (MRO) | 68 | 47 | | mg/Kg | 1 | 6/16/2022 11:44:57 PM | 68149 |
| Surr: DNOP | 108 | 51.1-141 | | %Rec | 1 | 6/16/2022 11:44:57 PM | 68149 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/16/2022 10:36:00 PM | 68140 |
| Surr: BFB | 89.2 | 37.7-212 | | %Rec | 1 | 6/16/2022 10:36:00 PM | 68140 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/16/2022 10:36:00 PM | 68140 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/16/2022 10:36:00 PM | 68140 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/16/2022 10:36:00 PM | 68140 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 6/16/2022 10:36:00 PM | 68140 |
| Surr: 4-Bromofluorobenzene | 87.8 | 70-130 | | %Rec | 1 | 6/16/2022 10:36:00 PM | 68140 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-10

Project: Raitt BID State 1

Collection Date: 6/13/2022 11:00:00 AM

Lab ID: 2206710-006

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 920 | 60 | | mg/Kg | 20 | 6/20/2022 6:05:46 PM | 68209 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 73 | 13 | | mg/Kg | 1 | 6/16/2022 11:55:56 PM | 68149 |
| Motor Oil Range Organics (MRO) | 59 | 43 | | mg/Kg | 1 | 6/16/2022 11:55:56 PM | 68149 |
| Surr: DNOP | 116 | 51.1-141 | | %Rec | 1 | 6/16/2022 11:55:56 PM | 68149 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 6/16/2022 10:56:00 PM | 68140 |
| Surr: BFB | 88.6 | 37.7-212 | | %Rec | 1 | 6/16/2022 10:56:00 PM | 68140 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 6/16/2022 10:56:00 PM | 68140 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 6/16/2022 10:56:00 PM | 68140 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 6/16/2022 10:56:00 PM | 68140 |
| Xylenes, Total | ND | 0.093 | | mg/Kg | 1 | 6/16/2022 10:56:00 PM | 68140 |
| Surr: 4-Bromofluorobenzene | 84.0 | 70-130 | | %Rec | 1 | 6/16/2022 10:56:00 PM | 68140 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order 2206710

Date Reported: 6/22/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-12

Project: Raitt BID State 1

Collection Date: 6/13/2022 11:30:00 AM

Lab ID: 2206710-007

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|--------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 140 | 60 | | mg/Kg | 20 | 6/20/2022 6:18:11 PM | 68209 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 26 | 13 | | mg/Kg | 1 | 6/17/2022 12:06:48 AM | 68149 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg | 1 | 6/17/2022 12:06:48 AM | 68149 |
| Surr: DNOP | 94.4 | 51.1-141 | | %Rec | 1 | 6/17/2022 12:06:48 AM | 68149 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 6/16/2022 11:16:00 PM | 68140 |
| Surr: BFB | 89.1 | 37.7-212 | | %Rec | 1 | 6/16/2022 11:16:00 PM | 68140 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/16/2022 11:16:00 PM | 68140 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 6/16/2022 11:16:00 PM | 68140 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 6/16/2022 11:16:00 PM | 68140 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 6/16/2022 11:16:00 PM | 68140 |
| Surr: 4-Bromofluorobenzene | 86.6 | 70-130 | | %Rec | 1 | 6/16/2022 11:16:00 PM | 68140 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-13

Project: Raitt BID State 1

Collection Date: 6/13/2022 11:40:00 AM

Lab ID: 2206710-008

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 74 | 59 | | mg/Kg | 20 | 6/20/2022 6:30:35 PM | 68209 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg | 1 | 6/17/2022 12:17:37 AM | 68149 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg | 1 | 6/17/2022 12:17:37 AM | 68149 |
| Surr: DNOP | 106 | 51.1-141 | | %Rec | 1 | 6/17/2022 12:17:37 AM | 68149 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/16/2022 11:36:00 PM | 68140 |
| Surr: BFB | 90.9 | 37.7-212 | | %Rec | 1 | 6/16/2022 11:36:00 PM | 68140 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/16/2022 11:36:00 PM | 68140 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/16/2022 11:36:00 PM | 68140 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/16/2022 11:36:00 PM | 68140 |
| Xylenes, Total | ND | 0.095 | | mg/Kg | 1 | 6/16/2022 11:36:00 PM | 68140 |
| Surr: 4-Bromofluorobenzene | 88.6 | 70-130 | | %Rec | 1 | 6/16/2022 11:36:00 PM | 68140 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-14

Project: Raitt BID State 1

Collection Date: 6/13/2022 12:10:00 PM

Lab ID: 2206710-009

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/17/2022 8:04:52 PM | 68210 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 6/17/2022 12:28:29 AM | 68149 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 6/17/2022 12:28:29 AM | 68149 |
| Surr: DNOP | 109 | 51.1-141 | | %Rec | 1 | 6/17/2022 12:28:29 AM | 68149 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/16/2022 11:55:00 PM | 68140 |
| Surr: BFB | 90.1 | 37.7-212 | | %Rec | 1 | 6/16/2022 11:55:00 PM | 68140 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/16/2022 11:55:00 PM | 68140 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/16/2022 11:55:00 PM | 68140 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/16/2022 11:55:00 PM | 68140 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 6/16/2022 11:55:00 PM | 68140 |
| Surr: 4-Bromofluorobenzene | 88.5 | 70-130 | | %Rec | 1 | 6/16/2022 11:55:00 PM | 68140 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-15

Project: Raitt BID State 1

Collection Date: 6/13/2022 12:20:00 PM

Lab ID: 2206710-010

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/17/2022 8:17:16 PM | 68210 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 21 | 14 | | mg/Kg | 1 | 6/17/2022 12:39:24 AM | 68149 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 6/17/2022 12:39:24 AM | 68149 |
| Surr: DNOP | 113 | 51.1-141 | | %Rec | 1 | 6/17/2022 12:39:24 AM | 68149 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/17/2022 12:15:00 AM | 68140 |
| Surr: BFB | 90.5 | 37.7-212 | | %Rec | 1 | 6/17/2022 12:15:00 AM | 68140 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/17/2022 12:15:00 AM | 68140 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 12:15:00 AM | 68140 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 12:15:00 AM | 68140 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 6/17/2022 12:15:00 AM | 68140 |
| Surr: 4-Bromofluorobenzene | 87.1 | 70-130 | | %Rec | 1 | 6/17/2022 12:15:00 AM | 68140 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-18

Project: Raitt BID State 1

Collection Date: 6/13/2022 12:30:00 PM

Lab ID: 2206710-011

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 160 | 60 | | mg/Kg | 20 | 6/17/2022 8:29:40 PM | 68210 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 180 | 14 | | mg/Kg | 1 | 6/17/2022 11:51:22 AM | 68180 |
| Motor Oil Range Organics (MRO) | 79 | 45 | | mg/Kg | 1 | 6/17/2022 11:51:22 AM | 68180 |
| Surr: DNOP | 83.3 | 51.1-141 | | %Rec | 1 | 6/17/2022 11:51:22 AM | 68180 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 6/17/2022 2:14:00 AM | 68153 |
| Surr: BFB | 88.7 | 37.7-212 | | %Rec | 1 | 6/17/2022 2:14:00 AM | 68153 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/17/2022 2:14:00 AM | 68153 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 6/17/2022 2:14:00 AM | 68153 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 6/17/2022 2:14:00 AM | 68153 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 6/17/2022 2:14:00 AM | 68153 |
| Surr: 4-Bromofluorobenzene | 85.9 | 70-130 | | %Rec | 1 | 6/17/2022 2:14:00 AM | 68153 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-19

Project: Raitt BID State 1

Collection Date: 6/13/2022 12:40:00 PM

Lab ID: 2206710-012

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 140 | 60 | | mg/Kg | 20 | 6/17/2022 8:42:05 PM | 68210 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 200 | 15 | | mg/Kg | 1 | 6/17/2022 12:23:20 PM | 68180 |
| Motor Oil Range Organics (MRO) | 120 | 49 | | mg/Kg | 1 | 6/17/2022 12:23:20 PM | 68180 |
| Surr: DNOP | 101 | 51.1-141 | | %Rec | 1 | 6/17/2022 12:23:20 PM | 68180 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 6/17/2022 3:13:00 AM | 68153 |
| Surr: BFB | 86.7 | 37.7-212 | | %Rec | 1 | 6/17/2022 3:13:00 AM | 68153 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/17/2022 3:13:00 AM | 68153 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 6/17/2022 3:13:00 AM | 68153 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 6/17/2022 3:13:00 AM | 68153 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 6/17/2022 3:13:00 AM | 68153 |
| Surr: 4-Bromofluorobenzene | 85.9 | 70-130 | | %Rec | 1 | 6/17/2022 3:13:00 AM | 68153 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-20

Project: Raitt BID State 1

Collection Date: 6/13/2022 12:50:00 PM

Lab ID: 2206710-013

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 160 | 60 | | mg/Kg | 20 | 6/17/2022 8:54:29 PM | 68210 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 150 | 14 | | mg/Kg | 1 | 6/17/2022 12:34:00 PM | 68180 |
| Motor Oil Range Organics (MRO) | 78 | 46 | | mg/Kg | 1 | 6/17/2022 12:34:00 PM | 68180 |
| Surr: DNOP | 101 | 51.1-141 | | %Rec | 1 | 6/17/2022 12:34:00 PM | 68180 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 6/17/2022 4:12:00 AM | 68153 |
| Surr: BFB | 85.7 | 37.7-212 | | %Rec | 1 | 6/17/2022 4:12:00 AM | 68153 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/17/2022 4:12:00 AM | 68153 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 4:12:00 AM | 68153 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 4:12:00 AM | 68153 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 6/17/2022 4:12:00 AM | 68153 |
| Surr: 4-Bromofluorobenzene | 84.9 | 70-130 | | %Rec | 1 | 6/17/2022 4:12:00 AM | 68153 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-23

Project: Raitt BID State 1

Collection Date: 6/13/2022 1:00:00 PM

Lab ID: 2206710-014

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 460 | 60 | | mg/Kg | 20 | 6/17/2022 9:06:53 PM | 68210 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 110 | 15 | | mg/Kg | 1 | 6/17/2022 12:44:42 PM | 68180 |
| Motor Oil Range Organics (MRO) | 53 | 48 | | mg/Kg | 1 | 6/17/2022 12:44:42 PM | 68180 |
| Surr: DNOP | 85.7 | 51.1-141 | | %Rec | 1 | 6/17/2022 12:44:42 PM | 68180 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 6/17/2022 4:32:00 AM | 68153 |
| Surr: BFB | 87.0 | 37.7-212 | | %Rec | 1 | 6/17/2022 4:32:00 AM | 68153 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/17/2022 4:32:00 AM | 68153 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 4:32:00 AM | 68153 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 4:32:00 AM | 68153 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 6/17/2022 4:32:00 AM | 68153 |
| Surr: 4-Bromofluorobenzene | 84.4 | 70-130 | | %Rec | 1 | 6/17/2022 4:32:00 AM | 68153 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-24

Project: Raitt BID State 1

Collection Date: 6/13/2022 1:10:00 PM

Lab ID: 2206710-015

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 190 | 60 | | mg/Kg | 20 | 6/17/2022 9:19:18 PM | 68210 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 6/17/2022 12:55:24 PM | 68180 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 6/17/2022 12:55:24 PM | 68180 |
| Surr: DNOP | 91.9 | 51.1-141 | | %Rec | 1 | 6/17/2022 12:55:24 PM | 68180 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 6/17/2022 4:52:00 AM | 68153 |
| Surr: BFB | 90.7 | 37.7-212 | | %Rec | 1 | 6/17/2022 4:52:00 AM | 68153 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/17/2022 4:52:00 AM | 68153 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 4:52:00 AM | 68153 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 4:52:00 AM | 68153 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 6/17/2022 4:52:00 AM | 68153 |
| Surr: 4-Bromofluorobenzene | 88.8 | 70-130 | | %Rec | 1 | 6/17/2022 4:52:00 AM | 68153 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-25

Project: Raitt BID State 1

Collection Date: 6/13/2022 1:20:00 PM

Lab ID: 2206710-016

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 370 | 60 | | mg/Kg | 20 | 6/17/2022 9:31:42 PM | 68210 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | 22 | 14 | | mg/Kg | 1 | 6/17/2022 1:06:07 PM | 68180 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 6/17/2022 1:06:07 PM | 68180 |
| Surr: DNOP | 103 | 51.1-141 | | %Rec | 1 | 6/17/2022 1:06:07 PM | 68180 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 5.0 | | mg/Kg | 1 | 6/17/2022 5:12:00 AM | 68153 |
| Surr: BFB | 87.8 | 37.7-212 | | %Rec | 1 | 6/17/2022 5:12:00 AM | 68153 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/17/2022 5:12:00 AM | 68153 |
| Toluene | ND | 0.050 | | mg/Kg | 1 | 6/17/2022 5:12:00 AM | 68153 |
| Ethylbenzene | ND | 0.050 | | mg/Kg | 1 | 6/17/2022 5:12:00 AM | 68153 |
| Xylenes, Total | ND | 0.10 | | mg/Kg | 1 | 6/17/2022 5:12:00 AM | 68153 |
| Surr: 4-Bromofluorobenzene | 87.7 | 70-130 | | %Rec | 1 | 6/17/2022 5:12:00 AM | 68153 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-26

Project: Raitt BID State 1

Collection Date: 6/13/2022 1:30:00 PM

Lab ID: 2206710-017

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 200 | 60 | | mg/Kg | 20 | 6/17/2022 9:44:07 PM | 68210 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 13 | | mg/Kg | 1 | 6/17/2022 1:16:49 PM | 68180 |
| Motor Oil Range Organics (MRO) | ND | 44 | | mg/Kg | 1 | 6/17/2022 1:16:49 PM | 68180 |
| Surr: DNOP | 97.0 | 51.1-141 | | %Rec | 1 | 6/17/2022 1:16:49 PM | 68180 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/17/2022 5:31:00 AM | 68153 |
| Surr: BFB | 86.8 | 37.7-212 | | %Rec | 1 | 6/17/2022 5:31:00 AM | 68153 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/17/2022 5:31:00 AM | 68153 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 5:31:00 AM | 68153 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 5:31:00 AM | 68153 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 6/17/2022 5:31:00 AM | 68153 |
| Surr: 4-Bromofluorobenzene | 86.7 | 70-130 | | %Rec | 1 | 6/17/2022 5:31:00 AM | 68153 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206710**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-8

Project: Raitt BID State 1

Collection Date: 6/13/2022 10:50:00 AM

Lab ID: 2206710-018

Matrix: SOIL

Received Date: 6/14/2022 7:05:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 160 | 60 | | mg/Kg | 20 | 6/17/2022 9:56:31 PM | 68210 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 6/17/2022 1:27:30 PM | 68180 |
| Motor Oil Range Organics (MRO) | ND | 45 | | mg/Kg | 1 | 6/17/2022 1:27:30 PM | 68180 |
| Surr: DNOP | 96.1 | 51.1-141 | | %Rec | 1 | 6/17/2022 1:27:30 PM | 68180 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 6/17/2022 5:51:00 AM | 68153 |
| Surr: BFB | 84.9 | 37.7-212 | | %Rec | 1 | 6/17/2022 5:51:00 AM | 68153 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/17/2022 5:51:00 AM | 68153 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 5:51:00 AM | 68153 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 5:51:00 AM | 68153 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 6/17/2022 5:51:00 AM | 68153 |
| Surr: 4-Bromofluorobenzene | 85.3 | 70-130 | | %Rec | 1 | 6/17/2022 5:51:00 AM | 68153 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206710

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: MB-68210 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68210 | RunNo: 88864 | | | | | | | | |
| Prep Date: 6/17/2022 | Analysis Date: 6/17/2022 | SeqNo: 3155156 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-68210 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68210 | RunNo: 88864 | | | | | | | | |
| Prep Date: 6/17/2022 | Analysis Date: 6/17/2022 | SeqNo: 3155157 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 92.5 | 90 | 110 | | | |

| Sample ID: MB-68209 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68209 | RunNo: 88887 | | | | | | | | |
| Prep Date: 6/17/2022 | Analysis Date: 6/20/2022 | SeqNo: 3156132 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-68209 | SampType: ics | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68209 | RunNo: 88887 | | | | | | | | |
| Prep Date: 6/17/2022 | Analysis Date: 6/20/2022 | SeqNo: 3156133 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 98.4 | 90 | 110 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206710

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: LCS-68149 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68149 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/16/2022 | SeqNo: 3154161 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 52 | 15 | 50.00 | 0 | 103 | 64.4 | 127 | | | |
| Surr: DNOP | 4.9 | | 5.000 | | 97.6 | 51.1 | 141 | | | |

| Sample ID: MB-68149 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68149 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/16/2022 | SeqNo: 3154162 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 15 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 12 | | 10.00 | | 119 | 51.1 | 141 | | | |

| Sample ID: LCS-68138 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68138 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154204 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 5.9 | | 5.000 | | 119 | 51.1 | 141 | | | |

| Sample ID: MB-68138 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68138 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154205 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 9.3 | | 10.00 | | 93.4 | 51.1 | 141 | | | |

| Sample ID: LCS-68146 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68146 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154228 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 5.8 | | 5.000 | | 117 | 51.1 | 141 | | | |

| Sample ID: MB-68146 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68146 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154229 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 9.1 | | 10.00 | | 90.7 | 51.1 | 141 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206710

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: 2206710-011AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BH-18 | Batch ID: 68180 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/16/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154423 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 260 | 14 | 47.26 | 179.6 | 169 | 36.1 | 154 | | | S |
| Surr: DNOP | 4.6 | | 4.726 | | 96.7 | 51.1 | 141 | | | |

| Sample ID: 2206710-011AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BH-18 | Batch ID: 68180 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/16/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154424 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 350 | 15 | 48.83 | 0 | 721 | 36.1 | 154 | 200 | 33.9 | RS |
| Surr: DNOP | 6.2 | | 4.883 | | 127 | 51.1 | 141 | 0 | 0 | |

| Sample ID: LCS-68180 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68180 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/16/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154438 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 54 | 15 | 50.00 | 0 | 109 | 64.4 | 127 | | | |
| Surr: DNOP | 4.6 | | 5.000 | | 92.3 | 51.1 | 141 | | | |

| Sample ID: MB-68180 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68180 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/16/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154439 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 15 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 7.7 | | 10.00 | | 77.0 | 51.1 | 141 | | | |

| Sample ID: LCS-68148 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68148 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154576 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 4.5 | | 5.000 | | 89.5 | 51.1 | 141 | | | |

| Sample ID: MB-68148 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68148 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154577 | Units: %Rec | | | | | | | |
| 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206710

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: MB-68148 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|---------------------------------|--|-----------|-------------|--------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68148 | RunNo: 88796 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154577 | | | Units: %Rec | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: DNOP | 12 | | 10.00 | | 117 | 51.1 | 141 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206710

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: ics-68140 | SampType: LCS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68140 | | RunNo: 88813 | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/16/2022 | | SeqNo: 3153136 | | 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 | 90.2 | 72.3 | 137 | | | |
| Surr: BFB | 2000 | | 1000 | | 196 | 37.7 | 212 | | | |

| Sample ID: mb-68140 | SampType: MBLK | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68140 | | RunNo: 88813 | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/16/2022 | | SeqNo: 3153137 | | 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 | | 90.5 | 37.7 | 212 | | | |

| Sample ID: ics-68153 | SampType: LCS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68153 | | RunNo: 88813 | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | | SeqNo: 3153160 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 22 | 5.0 | 25.00 | 0 | 87.5 | 72.3 | 137 | | | |
| Surr: BFB | 1900 | | 1000 | | 188 | 37.7 | 212 | | | |

| Sample ID: mb-68153 | SampType: MBLK | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68153 | | RunNo: 88813 | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | | SeqNo: 3153161 | | 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 | 970 | | 1000 | | 96.7 | 37.7 | 212 | | | |

| Sample ID: 2206710-011ams | SampType: MS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|----------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: BH-18 | Batch ID: 68153 | | RunNo: 88813 | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | | SeqNo: 3153163 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24 | 4.9 | 24.49 | 0 | 96.7 | 70 | 130 | | | |
| Surr: BFB | 1900 | | 979.4 | | 198 | 37.7 | 212 | | | |

| Sample ID: 2206710-011amsd | SampType: MSD | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-----------------------------------|---------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: BH-18 | Batch ID: 68153 | | RunNo: 88813 | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | | SeqNo: 3153164 | | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206710

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: 2206710-011amsd | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BH-18 | Batch ID: 68153 | RunNo: 88813 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | SeqNo: 3153164 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 21 | 4.9 | 24.53 | 0 | 86.4 | 70 | 130 | 11.0 | 20 | |
| Surr: BFB | 1900 | | 981.4 | | 190 | 37.7 | 212 | 0 | 0 | |

| Sample ID: lcs-68110 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------|---------------------------------|---|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68110 | RunNo: 88814 | | | | | | | | |
| Prep Date: 6/14/2022 | Analysis Date: 6/16/2022 | SeqNo: 3153275 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 2200 | | 1000 | | 217 | 37.7 | 212 | | | S |

| Sample ID: mb-68110 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------|---------------------------------|---|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68110 | RunNo: 88814 | | | | | | | | |
| Prep Date: 6/14/2022 | Analysis Date: 6/16/2022 | SeqNo: 3153276 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB | 990 | | 1000 | | 99.2 | 37.7 | 212 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206710

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: ics-68140 | SampType: LCS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|-----------------------------|---------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68140 | | RunNo: 88813 | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/16/2022 | | SeqNo: 3153182 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.90 | 0.025 | 1.000 | 0 | 89.8 | 80 | 120 | | | |
| Toluene | 0.91 | 0.050 | 1.000 | 0 | 91.1 | 80 | 120 | | | |
| Ethylbenzene | 0.91 | 0.050 | 1.000 | 0 | 90.6 | 80 | 120 | | | |
| Xylenes, Total | 2.7 | 0.10 | 3.000 | 0 | 90.4 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.91 | | 1.000 | | 91.2 | 70 | 130 | | | |

| Sample ID: mb-68140 | SampType: MBLK | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|-----------------------------|---------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68140 | | RunNo: 88813 | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/16/2022 | | SeqNo: 3153183 | | 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 | | 90.1 | 70 | 130 | | | |

| Sample ID: ics-68153 | SampType: LCS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|-----------------------------|---------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68153 | | RunNo: 88813 | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | | SeqNo: 3153206 | | 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 | 86.2 | 80 | 120 | | | |
| Toluene | 0.88 | 0.050 | 1.000 | 0 | 87.7 | 80 | 120 | | | |
| Ethylbenzene | 0.87 | 0.050 | 1.000 | 0 | 87.4 | 80 | 120 | | | |
| Xylenes, Total | 2.6 | 0.10 | 3.000 | 0 | 86.3 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.92 | | 1.000 | | 91.7 | 70 | 130 | | | |

| Sample ID: mb-68153 | SampType: MBLK | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|-----------------------------|---------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68153 | | RunNo: 88813 | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | | SeqNo: 3153207 | | 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 | | 90.4 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206710

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: 2206710-012ams | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BH-19 | Batch ID: 68153 | RunNo: 88813 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | SeqNo: 3153210 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.87 | 0.025 | 0.9862 | 0 | 88.6 | 68.8 | 120 | | | |
| Toluene | 0.89 | 0.049 | 0.9862 | 0 | 90.5 | 73.6 | 124 | | | |
| Ethylbenzene | 0.88 | 0.049 | 0.9862 | 0 | 88.9 | 72.7 | 129 | | | |
| Xylenes, Total | 2.6 | 0.099 | 2.959 | 0 | 88.8 | 75.7 | 126 | | | |
| Surr: 4-Bromofluorobenzene | 0.85 | | 0.9862 | | 86.5 | 70 | 130 | | | |

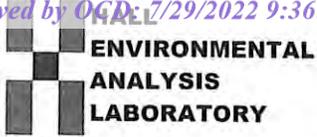
| Sample ID: 2206710-012amsd | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BH-19 | Batch ID: 68153 | RunNo: 88813 | | | | | | | | |
| Prep Date: 6/15/2022 | Analysis Date: 6/17/2022 | SeqNo: 3153211 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.83 | 0.025 | 0.9891 | 0 | 84.1 | 68.8 | 120 | 4.91 | 20 | |
| Toluene | 0.85 | 0.049 | 0.9891 | 0 | 86.4 | 73.6 | 124 | 4.35 | 20 | |
| Ethylbenzene | 0.84 | 0.049 | 0.9891 | 0 | 84.6 | 72.7 | 129 | 4.57 | 20 | |
| Xylenes, Total | 2.5 | 0.099 | 2.967 | 0 | 84.1 | 75.7 | 126 | 5.17 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.87 | | 0.9891 | | 88.2 | 70 | 130 | 0 | 0 | |

| Sample ID: LCS-68110 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68110 | RunNo: 88814 | | | | | | | | |
| Prep Date: 6/14/2022 | Analysis Date: 6/16/2022 | SeqNo: 3153313 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 0.95 | | 1.000 | | 94.8 | 70 | 130 | | | |

| Sample ID: mb-68110 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68110 | RunNo: 88814 | | | | | | | | |
| Prep Date: 6/14/2022 | Analysis Date: 6/16/2022 | SeqNo: 3153314 | Units: %Rec | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene | 0.96 | | 1.000 | | 96.3 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit



Sample Log-In Check List

Client Name: GHD Midland Work Order Number: 2206710 RcptNo: 1

Received By: Juan Rojas 6/14/2022 7:05:00 AM *Juan Rojas*
Completed By: Tracy Casarrubias 6/14/2022 9:11:35 AM
Reviewed By: *KPb 6.14.22*

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. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA
- 10. Were any sample containers received broken? Yes No
- 11. Does paperwork match bottle labels? Yes No
(Note discrepancies on chain of custody)
- 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? Yes No
(If no, notify customer for authorization.)

of preserved bottles checked for pH:
(<2 or >12 unless noted)
Adjusted?
Checked by: *JA 6/14/22*

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 | 0.9 | Good | Not Present | | | |



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

June 22, 2022

Becky Haskell
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Raitt BID State 1

OrderNo.: 2206784

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 8 sample(s) on 6/15/2022 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 **2206784**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: SW-3

Project: Raitt BID State 1

Collection Date: 6/14/2022 10:50:00 AM

Lab ID: 2206784-001

Matrix: SOIL

Received Date: 6/15/2022 7:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 160 | 60 | | mg/Kg | 20 | 6/20/2022 8:34:45 PM | 68240 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 6/20/2022 12:40:16 PM | 68194 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 6/20/2022 12:40:16 PM | 68194 |
| Surr: DNOP | 73.8 | 51.1-141 | | %Rec | 1 | 6/20/2022 12:40:16 PM | 68194 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 6/17/2022 3:18:00 PM | 68178 |
| Surr: BFB | 92.5 | 37.7-212 | | %Rec | 1 | 6/17/2022 3:18:00 PM | 68178 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/17/2022 3:18:00 PM | 68178 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 3:18:00 PM | 68178 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 3:18:00 PM | 68178 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 6/17/2022 3:18:00 PM | 68178 |
| Surr: 4-Bromofluorobenzene | 89.6 | 70-130 | | %Rec | 1 | 6/17/2022 3:18:00 PM | 68178 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206784**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-2

Project: Raitt BID State 1

Collection Date: 6/14/2022 11:00:00 AM

Lab ID: 2206784-002

Matrix: SOIL

Received Date: 6/15/2022 7:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 78 | 60 | | mg/Kg | 20 | 6/20/2022 8:47:10 PM | 68240 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 6/20/2022 12:51:00 PM | 68194 |
| Motor Oil Range Organics (MRO) | ND | 46 | | mg/Kg | 1 | 6/20/2022 12:51:00 PM | 68194 |
| Surr: DNOP | 82.9 | 51.1-141 | | %Rec | 1 | 6/20/2022 12:51:00 PM | 68194 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 6/17/2022 3:38:00 PM | 68178 |
| Surr: BFB | 90.8 | 37.7-212 | | %Rec | 1 | 6/17/2022 3:38:00 PM | 68178 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 6/17/2022 3:38:00 PM | 68178 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 3:38:00 PM | 68178 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 6/17/2022 3:38:00 PM | 68178 |
| Xylenes, Total | ND | 0.099 | | mg/Kg | 1 | 6/17/2022 3:38:00 PM | 68178 |
| Surr: 4-Bromofluorobenzene | 88.9 | 70-130 | | %Rec | 1 | 6/17/2022 3:38:00 PM | 68178 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206784**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-3

Project: Raitt BID State 1

Collection Date: 6/14/2022 11:10:00 AM

Lab ID: 2206784-003

Matrix: SOIL

Received Date: 6/15/2022 7:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 61 | | mg/Kg | 20 | 6/20/2022 8:59:34 PM | 68240 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 6/20/2022 1:01:44 PM | 68194 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 6/20/2022 1:01:44 PM | 68194 |
| Surr: DNOP | 109 | 51.1-141 | | %Rec | 1 | 6/20/2022 1:01:44 PM | 68194 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/17/2022 3:58:00 PM | 68178 |
| Surr: BFB | 89.2 | 37.7-212 | | %Rec | 1 | 6/17/2022 3:58:00 PM | 68178 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/17/2022 3:58:00 PM | 68178 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 3:58:00 PM | 68178 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 3:58:00 PM | 68178 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 6/17/2022 3:58:00 PM | 68178 |
| Surr: 4-Bromofluorobenzene | 86.8 | 70-130 | | %Rec | 1 | 6/17/2022 3:58:00 PM | 68178 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206784**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-11

Project: Raitt BID State 1

Collection Date: 6/14/2022 11:20:00 AM

Lab ID: 2206784-004

Matrix: SOIL

Received Date: 6/15/2022 7:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/20/2022 9:11:59 PM | 68240 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 6/20/2022 1:12:31 PM | 68194 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 6/20/2022 1:12:31 PM | 68194 |
| Surr: DNOP | 82.4 | 51.1-141 | | %Rec | 1 | 6/20/2022 1:12:31 PM | 68194 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/17/2022 4:18:00 PM | 68178 |
| Surr: BFB | 89.3 | 37.7-212 | | %Rec | 1 | 6/17/2022 4:18:00 PM | 68178 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/17/2022 4:18:00 PM | 68178 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 4:18:00 PM | 68178 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 4:18:00 PM | 68178 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 6/17/2022 4:18:00 PM | 68178 |
| Surr: 4-Bromofluorobenzene | 89.1 | 70-130 | | %Rec | 1 | 6/17/2022 4:18:00 PM | 68178 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206784**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-16

Project: Raitt BID State 1

Collection Date: 6/14/2022 11:30:00 AM

Lab ID: 2206784-005

Matrix: SOIL

Received Date: 6/15/2022 7:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/20/2022 9:24:24 PM | 68240 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 6/20/2022 1:23:17 PM | 68194 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 6/20/2022 1:23:17 PM | 68194 |
| Surr: DNOP | 72.5 | 51.1-141 | | %Rec | 1 | 6/20/2022 1:23:17 PM | 68194 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/17/2022 4:38:00 PM | 68178 |
| Surr: BFB | 85.9 | 37.7-212 | | %Rec | 1 | 6/17/2022 4:38:00 PM | 68178 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/17/2022 4:38:00 PM | 68178 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 4:38:00 PM | 68178 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 4:38:00 PM | 68178 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 6/17/2022 4:38:00 PM | 68178 |
| Surr: 4-Bromofluorobenzene | 85.8 | 70-130 | | %Rec | 1 | 6/17/2022 4:38:00 PM | 68178 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206784**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-17

Project: Raitt BID State 1

Collection Date: 6/14/2022 11:40:00 AM

Lab ID: 2206784-006

Matrix: SOIL

Received Date: 6/15/2022 7:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | ND | 60 | | mg/Kg | 20 | 6/20/2022 9:36:49 PM | 68240 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 6/20/2022 1:34:03 PM | 68194 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 6/20/2022 1:34:03 PM | 68194 |
| Surr: DNOP | 102 | 51.1-141 | | %Rec | 1 | 6/20/2022 1:34:03 PM | 68194 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 6/17/2022 5:18:00 PM | 68178 |
| Surr: BFB | 87.7 | 37.7-212 | | %Rec | 1 | 6/17/2022 5:18:00 PM | 68178 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 6/17/2022 5:18:00 PM | 68178 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 6/17/2022 5:18:00 PM | 68178 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 6/17/2022 5:18:00 PM | 68178 |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 6/17/2022 5:18:00 PM | 68178 |
| Surr: 4-Bromofluorobenzene | 84.7 | 70-130 | | %Rec | 1 | 6/17/2022 5:18:00 PM | 68178 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206784**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-21

Project: Raitt BID State 1

Collection Date: 6/14/2022 11:50:00 AM

Lab ID: 2206784-007

Matrix: SOIL

Received Date: 6/15/2022 7:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 61 | 60 | | mg/Kg | 20 | 6/20/2022 9:49:13 PM | 68240 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 6/20/2022 1:44:51 PM | 68194 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 6/20/2022 1:44:51 PM | 68194 |
| Surr: DNOP | 101 | 51.1-141 | | %Rec | 1 | 6/20/2022 1:44:51 PM | 68194 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/17/2022 5:37:00 PM | 68178 |
| Surr: BFB | 85.9 | 37.7-212 | | %Rec | 1 | 6/17/2022 5:37:00 PM | 68178 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/17/2022 5:37:00 PM | 68178 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 5:37:00 PM | 68178 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 5:37:00 PM | 68178 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 6/17/2022 5:37:00 PM | 68178 |
| Surr: 4-Bromofluorobenzene | 85.0 | 70-130 | | %Rec | 1 | 6/17/2022 5:37:00 PM | 68178 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206784**

Date Reported: **6/22/2022**

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-22

Project: Raitt BID State 1

Collection Date: 6/14/2022 12:00:00 PM

Lab ID: 2206784-008

Matrix: SOIL

Received Date: 6/15/2022 7:00:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|-----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: LRN |
| Chloride | 69 | 59 | | mg/Kg | 20 | 6/20/2022 10:26:28 PM | 68240 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 6/20/2022 1:55:38 PM | 68194 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 6/20/2022 1:55:38 PM | 68194 |
| Surr: DNOP | 80.9 | 51.1-141 | | %Rec | 1 | 6/20/2022 1:55:38 PM | 68194 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: BRM |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 6/17/2022 5:57:00 PM | 68178 |
| Surr: BFB | 83.6 | 37.7-212 | | %Rec | 1 | 6/17/2022 5:57:00 PM | 68178 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: BRM |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 6/17/2022 5:57:00 PM | 68178 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 5:57:00 PM | 68178 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 6/17/2022 5:57:00 PM | 68178 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 6/17/2022 5:57:00 PM | 68178 |
| Surr: 4-Bromofluorobenzene | 85.0 | 70-130 | | %Rec | 1 | 6/17/2022 5:57:00 PM | 68178 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206784

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: MB-68240 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68240 | RunNo: 88887 | | | | | | | | |
| Prep Date: 6/20/2022 | Analysis Date: 6/20/2022 | SeqNo: 3156162 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-68240 | SampType: lcs | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68240 | RunNo: 88887 | | | | | | | | |
| Prep Date: 6/20/2022 | Analysis Date: 6/20/2022 | SeqNo: 3156163 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 15 | 1.5 | 15.00 | 0 | 97.3 | 90 | 110 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206784

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: LCS-68194 | SampType: LCS | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|-----------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68194 | | RunNo: 88879 | | | | | | | |
| Prep Date: 6/17/2022 | Analysis Date: 6/20/2022 | | SeqNo: 3155751 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 49 | 15 | 50.00 | 0 | 97.6 | 64.4 | 127 | | | |
| Surr: DNOP | 4.2 | | 5.000 | | 84.3 | 51.1 | 141 | | | |

| Sample ID: MB-68194 | SampType: MBLK | | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | |
|--------------------------------|---------------------------------|-----|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68194 | | RunNo: 88879 | | | | | | | |
| Prep Date: 6/17/2022 | Analysis Date: 6/20/2022 | | SeqNo: 3155753 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 15 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 8.5 | | 10.00 | | 84.7 | 51.1 | 141 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206784

22-Jun-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: ics-68178 | SampType: LCS | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68178 | RunNo: 88850 | | | | | | | | |
| Prep Date: 6/16/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154731 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 22 | 5.0 | 25.00 | 0 | 87.7 | 72.3 | 137 | | | |
| Surr: BFB | 1900 | | 1000 | | 194 | 37.7 | 212 | | | |

| Sample ID: mb-68178 | SampType: MBLK | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68178 | RunNo: 88850 | | | | | | | | |
| Prep Date: 6/16/2022 | Analysis Date: 6/17/2022 | SeqNo: 3154732 | 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 | 37.7 | 212 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206784

22-Jun-22

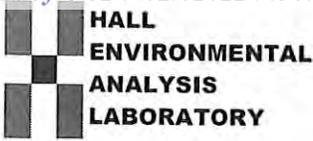
Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: ics-68178 | SampType: LCS | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|-----------------------------|---------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68178 | | RunNo: 88850 | | | | | | | |
| Prep Date: 6/16/2022 | Analysis Date: 6/17/2022 | | SeqNo: 3154783 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.92 | 0.025 | 1.000 | 0 | 91.9 | 80 | 120 | | | |
| Toluene | 0.94 | 0.050 | 1.000 | 0 | 94.3 | 80 | 120 | | | |
| Ethylbenzene | 0.94 | 0.050 | 1.000 | 0 | 94.4 | 80 | 120 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 93.9 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.91 | | 1.000 | | 90.8 | 70 | 130 | | | |

| Sample ID: mb-68178 | SampType: MBLK | | TestCode: EPA Method 8021B: Volatiles | | | | | | | |
|-----------------------------|---------------------------------|-------|--|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68178 | | RunNo: 88850 | | | | | | | |
| Prep Date: 6/16/2022 | Analysis Date: 6/17/2022 | | SeqNo: 3154784 | | 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 | | 88.5 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- 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: GHD Midland Work Order Number: 2206784 RcptNo: 1

Received By: Juan Rojas 6/15/2022 7:00:00 AM

Juan Rojas signature

Completed By: Sean Livingston 6/15/2022 8:31:05 AM

Sean Livingston signature

Reviewed By: JR 6/15/22

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. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes [] No [] NA [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: KPG 6-15-22

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:

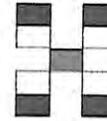
16. Additional remarks:

17. Cooler Information

Table with 7 columns: Cooler No, Temp °C, Condition, Seal Intact, Seal No, Seal Date, Signed By. Row 1: 1, 0.3, Good, [], [], []

Chain-of-Custody Record

Turn-Around Time:
 Standard Rush 5 Days
 Project Name:
Rail BID Start #1
 Project #:
1255074
 Project Manager:
 Becky Haskell
 Tom Larson
 Sampler: Heath Boyd
 On Ice: Yes No
 # of Coolers: 1
 Cooler Temp (including CF): 0.3-0=0.3



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|---------|------|--------|-------------|----------------------|-------------------|----------|
| 6/14/22 | 1050 | S | SW-3 | 4oz Jar / | - | 001 |
| | 1100 | | BH-2 | | | 002 |
| | 1110 | | BH-3 | | | 003 |
| | 1120 | | BH-11 | | | 004 |
| | 1130 | | BH-16 | | | 005 |
| | 1140 | | BH-17 | | | 006 |
| | 1150 | | BH-21 | | | 007 |
| X | 1200 | X | BH-22 | X | X | 008 |

| Analysis Request | | | | | | | | | | | |
|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|----------------|--|--|
| BTEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 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 | 8260 (VOA) | 8270 (Semi-VOA) | Chloride 300 M | | |
| X | X | | | | | | | | X | | |
| X | X | | | | | | | | X | | |
| X | X | | | | | | | | X | | |
| X | X | | | | | | | | X | | |
| X | X | | | | | | | | X | | |
| X | X | | | | | | | | X | | |
| X | X | | | | | | | | X | | |

Date: 6/14/22 Time: 1600 Relinquished by: [Signature]
 Received by: [Signature] Via: [Signature] Date: 6/14/22 Time: 1600
 Date: 6/14/22 Time: 1900 Relinquished by: [Signature]
 Received by: [Signature] Via: [Signature] Date: 6/15/22 Time: 7:00

Remarks: Please email: Amber_Griffin@eogresources.com, Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Heath.Boyd@ghd.com Along with Becky Haskell listed above. Direct Bill to EOG Chase Settle

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 13, 2022

Tom Larson
GHD Midland
2135 S Loop 250 W
Midland, TX 79703
TEL: (432) 686-0086
FAX:

RE: Raitt BID State 1

OrderNo.: 2206G31

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 6 sample(s) on 6/30/2022 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 **2206G31**

Date Reported: 7/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-9A

Project: Raitt BID State 1

Collection Date: 6/29/2022 10:20:00 AM

Lab ID: 2206G31-001

Matrix: SOIL

Received Date: 6/30/2022 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/7/2022 4:09:52 PM | 68613 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 7/7/2022 5:51:22 AM | 68552 |
| Motor Oil Range Organics (MRO) | ND | 49 | | mg/Kg | 1 | 7/7/2022 5:51:22 AM | 68552 |
| Surr: DNOP | 100 | 51.1-141 | | %Rec | 1 | 7/7/2022 5:51:22 AM | 68552 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 7/2/2022 8:46:19 AM | 68479 |
| Surr: BFB | 91.4 | 37.7-212 | | %Rec | 1 | 7/2/2022 8:46:19 AM | 68479 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 7/2/2022 8:46:19 AM | 68479 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 7/2/2022 8:46:19 AM | 68479 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 7/2/2022 8:46:19 AM | 68479 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 7/2/2022 8:46:19 AM | 68479 |
| Surr: 4-Bromofluorobenzene | 85.8 | 70-130 | | %Rec | 1 | 7/2/2022 8:46:19 AM | 68479 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order 2206G31

Date Reported: 7/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-10A

Project: Raitt BID State 1

Collection Date: 6/29/2022 10:30:00 AM

Lab ID: 2206G31-002

Matrix: SOIL

Received Date: 6/30/2022 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | ND | 59 | | mg/Kg | 20 | 7/7/2022 4:47:05 PM | 68613 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 7/7/2022 6:15:12 AM | 68552 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 7/7/2022 6:15:12 AM | 68552 |
| Surr: DNOP | 112 | 51.1-141 | | %Rec | 1 | 7/7/2022 6:15:12 AM | 68552 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 7/2/2022 9:33:13 AM | 68479 |
| Surr: BFB | 94.0 | 37.7-212 | | %Rec | 1 | 7/2/2022 9:33:13 AM | 68479 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 7/2/2022 9:33:13 AM | 68479 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 7/2/2022 9:33:13 AM | 68479 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 7/2/2022 9:33:13 AM | 68479 |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 7/2/2022 9:33:13 AM | 68479 |
| Surr: 4-Bromofluorobenzene | 87.1 | 70-130 | | %Rec | 1 | 7/2/2022 9:33:13 AM | 68479 |

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 | Estimated value |
| H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| PQL | Practical Quantitative Limit | RL | Reporting Limit |
| S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206G31**

Date Reported: 7/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-18A

Project: Raitt BID State 1

Collection Date: 6/29/2022 10:55:00 AM

Lab ID: 2206G31-003

Matrix: SOIL

Received Date: 6/30/2022 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|---------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/7/2022 4:59:30 PM | 68613 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 7/7/2022 5:47:45 PM | 68552 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 7/7/2022 5:47:45 PM | 68552 |
| Surr: DNOP | 130 | 51.1-141 | | %Rec | 1 | 7/7/2022 5:47:45 PM | 68552 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.6 | | mg/Kg | 1 | 7/2/2022 9:56:42 AM | 68479 |
| Surr: BFB | 97.6 | 37.7-212 | | %Rec | 1 | 7/2/2022 9:56:42 AM | 68479 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.023 | | mg/Kg | 1 | 7/2/2022 9:56:42 AM | 68479 |
| Toluene | ND | 0.046 | | mg/Kg | 1 | 7/2/2022 9:56:42 AM | 68479 |
| Ethylbenzene | ND | 0.046 | | mg/Kg | 1 | 7/2/2022 9:56:42 AM | 68479 |
| Xylenes, Total | ND | 0.092 | | mg/Kg | 1 | 7/2/2022 9:56:42 AM | 68479 |
| Surr: 4-Bromofluorobenzene | 88.6 | 70-130 | | %Rec | 1 | 7/2/2022 9:56:42 AM | 68479 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206G31**

Date Reported: 7/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-19A

Project: Raitt BID State 1

Collection Date: 6/29/2022 11:10:00 AM

Lab ID: 2206G31-004

Matrix: SOIL

Received Date: 6/30/2022 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | ND | 59 | | mg/Kg | 20 | 7/7/2022 5:11:55 PM | 68613 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: ED |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 7/7/2022 6:11:50 PM | 68552 |
| Motor Oil Range Organics (MRO) | ND | 47 | | mg/Kg | 1 | 7/7/2022 6:11:50 PM | 68552 |
| Surr: DNOP | 129 | 51.1-141 | | %Rec | 1 | 7/7/2022 6:11:50 PM | 68552 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 7/2/2022 10:20:08 AM | 68479 |
| Surr: BFB | 96.1 | 37.7-212 | | %Rec | 1 | 7/2/2022 10:20:08 AM | 68479 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 7/2/2022 10:20:08 AM | 68479 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 7/2/2022 10:20:08 AM | 68479 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 7/2/2022 10:20:08 AM | 68479 |
| Xylenes, Total | ND | 0.096 | | mg/Kg | 1 | 7/2/2022 10:20:08 AM | 68479 |
| Surr: 4-Bromofluorobenzene | 85.9 | 70-130 | | %Rec | 1 | 7/2/2022 10:20:08 AM | 68479 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206G31**

Date Reported: 7/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-20A

Project: Raitt BID State 1

Collection Date: 6/29/2022 11:20:00 AM

Lab ID: 2206G31-005

Matrix: SOIL

Received Date: 6/30/2022 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | ND | 60 | | mg/Kg | 20 | 7/7/2022 5:24:19 PM | 68613 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 15 | | mg/Kg | 1 | 7/7/2022 12:48:24 AM | 68556 |
| Motor Oil Range Organics (MRO) | ND | 50 | | mg/Kg | 1 | 7/7/2022 12:48:24 AM | 68556 |
| Surr: DNOP | 100 | 51.1-141 | | %Rec | 1 | 7/7/2022 12:48:24 AM | 68556 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.8 | | mg/Kg | 1 | 7/5/2022 8:58:41 AM | 68509 |
| Surr: BFB | 92.6 | 37.7-212 | | %Rec | 1 | 7/5/2022 8:58:41 AM | 68509 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.024 | | mg/Kg | 1 | 7/5/2022 8:58:41 AM | 68509 |
| Toluene | ND | 0.048 | | mg/Kg | 1 | 7/5/2022 8:58:41 AM | 68509 |
| Ethylbenzene | ND | 0.048 | | mg/Kg | 1 | 7/5/2022 8:58:41 AM | 68509 |
| Xylenes, Total | ND | 0.097 | | mg/Kg | 1 | 7/5/2022 8:58:41 AM | 68509 |
| Surr: 4-Bromofluorobenzene | 95.9 | 70-130 | | %Rec | 1 | 7/5/2022 8:58:41 AM | 68509 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

Analytical Report

Lab Order **2206G31**

Date Reported: 7/13/2022

Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD Midland

Client Sample ID: BH-23A

Project: Raitt BID State 1

Collection Date: 6/29/2022 11:40:00 AM

Lab ID: 2206G31-006

Matrix: SOIL

Received Date: 6/30/2022 7:30:00 AM

| Analyses | Result | RL | Qual | Units | DF | Date Analyzed | Batch |
|--|--------|----------|------|-------|----|----------------------|---------------------|
| EPA METHOD 300.0: ANIONS | | | | | | | Analyst: NAI |
| Chloride | 310 | 60 | | mg/Kg | 20 | 7/7/2022 5:36:44 PM | 68613 |
| EPA METHOD 8015M/D: DIESEL RANGE ORGANICS | | | | | | | Analyst: SB |
| Diesel Range Organics (DRO) | ND | 14 | | mg/Kg | 1 | 7/7/2022 1:02:13 AM | 68556 |
| Motor Oil Range Organics (MRO) | ND | 48 | | mg/Kg | 1 | 7/7/2022 1:02:13 AM | 68556 |
| Surr: DNOP | 119 | 51.1-141 | | %Rec | 1 | 7/7/2022 1:02:13 AM | 68556 |
| EPA METHOD 8015D: GASOLINE RANGE | | | | | | | Analyst: NSB |
| Gasoline Range Organics (GRO) | ND | 4.9 | | mg/Kg | 1 | 7/5/2022 10:09:09 AM | 68509 |
| Surr: BFB | 90.9 | 37.7-212 | | %Rec | 1 | 7/5/2022 10:09:09 AM | 68509 |
| EPA METHOD 8021B: VOLATILES | | | | | | | Analyst: NSB |
| Benzene | ND | 0.025 | | mg/Kg | 1 | 7/5/2022 10:09:09 AM | 68509 |
| Toluene | ND | 0.049 | | mg/Kg | 1 | 7/5/2022 10:09:09 AM | 68509 |
| Ethylbenzene | ND | 0.049 | | mg/Kg | 1 | 7/5/2022 10:09:09 AM | 68509 |
| Xylenes, Total | ND | 0.098 | | mg/Kg | 1 | 7/5/2022 10:09:09 AM | 68509 |
| Surr: 4-Bromofluorobenzene | 95.4 | 70-130 | | %Rec | 1 | 7/5/2022 10:09:09 AM | 68509 |

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 | Estimated value |
| | H | Holding times for preparation or analysis exceeded | J | Analyte detected below quantitation limits |
| | ND | Not Detected at the Reporting Limit | P | Sample pH Not In Range |
| | PQL | Practical Quantitative Limit | RL | Reporting Limit |
| | S | % Recovery outside of range due to dilution or matrix interference | | |

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206G31

13-Jul-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: MB-68613 | SampType: mblk | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68613 | RunNo: 89322 | | | | | | | | |
| Prep Date: 7/7/2022 | Analysis Date: 7/7/2022 | SeqNo: 3176743 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | ND | 1.5 | | | | | | | | |

| Sample ID: LCS-68613 | SampType: lcs | TestCode: EPA Method 300.0: Anions | | | | | | | | |
|-----------------------------|--------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68613 | RunNo: 89322 | | | | | | | | |
| Prep Date: 7/7/2022 | Analysis Date: 7/7/2022 | SeqNo: 3176744 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride | 14 | 1.5 | 15.00 | 0 | 92.1 | 90 | 110 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206G31

13-Jul-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: MB-68552 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68552 | RunNo: 89260 | | | | | | | | |
| Prep Date: 7/5/2022 | Analysis Date: 7/6/2022 | SeqNo: 3174994 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 15 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 9.1 | | 10.00 | | 90.9 | 51.1 | 141 | | | |

| Sample ID: LCS-68552 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68552 | RunNo: 89260 | | | | | | | | |
| Prep Date: 7/5/2022 | Analysis Date: 7/6/2022 | SeqNo: 3174995 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 56 | 15 | 50.00 | 0 | 111 | 64.4 | 127 | | | |
| Surr: DNOP | 4.5 | | 5.000 | | 89.5 | 51.1 | 141 | | | |

| Sample ID: MB-68556 | SampType: MBLK | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|--------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68556 | RunNo: 89263 | | | | | | | | |
| Prep Date: 7/5/2022 | Analysis Date: 7/6/2022 | SeqNo: 3175951 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | ND | 15 | | | | | | | | |
| Motor Oil Range Organics (MRO) | ND | 50 | | | | | | | | |
| Surr: DNOP | 11 | | 10.00 | | 111 | 51.1 | 141 | | | |

| Sample ID: LCS-68556 | SampType: LCS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68556 | RunNo: 89263 | | | | | | | | |
| Prep Date: 7/5/2022 | Analysis Date: 7/6/2022 | SeqNo: 3175952 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47 | 15 | 50.00 | 0 | 93.1 | 64.4 | 127 | | | |
| Surr: DNOP | 5.7 | | 5.000 | | 115 | 51.1 | 141 | | | |

| Sample ID: 2206G31-005AMS | SampType: MS | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|----------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BH-20A | Batch ID: 68556 | RunNo: 89263 | | | | | | | | |
| Prep Date: 7/5/2022 | Analysis Date: 7/7/2022 | SeqNo: 3176004 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 45 | 15 | 49.70 | 0 | 90.2 | 36.1 | 154 | | | |
| Surr: DNOP | 4.8 | | 4.970 | | 96.2 | 51.1 | 141 | | | |

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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206G31

13-Jul-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: 2206G31-005AMSD | SampType: MSD | TestCode: EPA Method 8015M/D: Diesel Range Organics | | | | | | | | |
|-----------------------------------|--------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BH-20A | Batch ID: 68556 | RunNo: 89263 | | | | | | | | |
| Prep Date: 7/5/2022 | Analysis Date: 7/7/2022 | SeqNo: 3176005 Units: mg/Kg | | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 51 | 14 | 47.30 | 0 | 107 | 36.1 | 154 | 12.2 | 33.9 | |
| Surr: DNOP | 5.6 | | 4.730 | | 119 | 51.1 | 141 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206G31

13-Jul-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: mb-68479 | SampType: MBLK | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|--------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68479 | | RunNo: 89209 | | | | | | | |
| Prep Date: 6/30/2022 | Analysis Date: 7/2/2022 | | SeqNo: 3171027 | | 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 | | 93.0 | 37.7 | 212 | | | |

| Sample ID: ics-68479 | SampType: LCS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|--------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68479 | | RunNo: 89209 | | | | | | | |
| Prep Date: 6/30/2022 | Analysis Date: 7/1/2022 | | SeqNo: 3171028 | | 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 | 104 | 72.3 | 137 | | | |
| Surr: BFB | 2100 | | 1000 | | 206 | 37.7 | 212 | | | |

| Sample ID: mb-68509 | SampType: MBLK | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|--------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68509 | | RunNo: 89234 | | | | | | | |
| Prep Date: 7/1/2022 | Analysis Date: 7/5/2022 | | SeqNo: 3172218 | | 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 | 920 | | 1000 | | 92.1 | 37.7 | 212 | | | |

| Sample ID: ics-68509 | SampType: LCS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-------------------------------|--------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68509 | | RunNo: 89234 | | | | | | | |
| Prep Date: 7/1/2022 | Analysis Date: 7/5/2022 | | SeqNo: 3172219 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 28 | 5.0 | 25.00 | 0 | 111 | 72.3 | 137 | | | |
| Surr: BFB | 2100 | | 1000 | | 212 | 37.7 | 212 | | | |

| Sample ID: 2206g31-005ams | SampType: MS | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|----------------------------------|--------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: BH-20A | Batch ID: 68509 | | RunNo: 89234 | | | | | | | |
| Prep Date: 7/1/2022 | Analysis Date: 7/5/2022 | | SeqNo: 3172221 | | Units: mg/Kg | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25 | 4.9 | 24.37 | 0 | 101 | 70 | 130 | | | |
| Surr: BFB | 2000 | | 974.7 | | 203 | 37.7 | 212 | | | |

| Sample ID: 2206g31-005amsd | SampType: MSD | | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | |
|-----------------------------------|--------------------------------|-----|---|-------------|---------------------|----------|-----------|------|----------|------|
| Client ID: BH-20A | Batch ID: 68509 | | RunNo: 89234 | | | | | | | |
| Prep Date: 7/1/2022 | Analysis Date: 7/5/2022 | | SeqNo: 3172222 | | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206G31

13-Jul-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: 2206g31-005amsd | SampType: MSD | TestCode: EPA Method 8015D: Gasoline Range | | | | | | | | |
|-----------------------------------|--------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BH-20A | Batch ID: 68509 | RunNo: 89234 | | | | | | | | |
| Prep Date: 7/1/2022 | Analysis Date: 7/5/2022 | SeqNo: 3172222 Units: mg/Kg | | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 26 | 5.0 | 24.85 | 0 | 104 | 70 | 130 | 4.61 | 20 | |
| Surr: BFB | 2000 | | 994.0 | | 204 | 37.7 | 212 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206G31

13-Jul-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: mb-68479 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68479 | RunNo: 89209 | | | | | | | | |
| Prep Date: 6/30/2022 | Analysis Date: 7/2/2022 | SeqNo: 3171117 | 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 | 0.86 | | 1.000 | | 85.6 | 70 | 130 | | | |

| Sample ID: LCS-68479 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68479 | RunNo: 89209 | | | | | | | | |
| Prep Date: 6/30/2022 | Analysis Date: 7/1/2022 | SeqNo: 3171118 | 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 | 87.6 | 80 | 120 | | | |
| Toluene | 0.91 | 0.050 | 1.000 | 0 | 91.3 | 80 | 120 | | | |
| Ethylbenzene | 0.92 | 0.050 | 1.000 | 0 | 92.5 | 80 | 120 | | | |
| Xylenes, Total | 2.8 | 0.10 | 3.000 | 0 | 92.5 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.90 | | 1.000 | | 90.1 | 70 | 130 | | | |

| Sample ID: mb-68509 | SampType: MBLK | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: PBS | Batch ID: 68509 | RunNo: 89234 | | | | | | | | |
| Prep Date: 7/1/2022 | Analysis Date: 7/5/2022 | SeqNo: 3172266 | 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 | | 97.2 | 70 | 130 | | | |

| Sample ID: LCS-68509 | SampType: LCS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: LCSS | Batch ID: 68509 | RunNo: 89234 | | | | | | | | |
| Prep Date: 7/1/2022 | Analysis Date: 7/5/2022 | SeqNo: 3172267 | 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 | 95.6 | 80 | 120 | | | |
| Toluene | 0.99 | 0.050 | 1.000 | 0 | 99.1 | 80 | 120 | | | |
| Ethylbenzene | 1.0 | 0.050 | 1.000 | 0 | 99.6 | 80 | 120 | | | |
| Xylenes, Total | 3.0 | 0.10 | 3.000 | 0 | 99.0 | 80 | 120 | | | |
| Surr: 4-Bromofluorobenzene | 0.99 | | 1.000 | | 99.2 | 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 interference
- B Analyte detected in the associated Method Blank
- E Estimated value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2206G31

13-Jul-22

Client: GHD Midland
Project: Raitt BID State 1

| Sample ID: 2206g31-006ams | SampType: MS | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|----------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BH-23A | Batch ID: 68509 | RunNo: 89234 | | | | | | | | |
| Prep Date: 7/1/2022 | Analysis Date: 7/5/2022 | SeqNo: 3172270 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.84 | 0.024 | 0.9699 | 0 | 86.6 | 68.8 | 120 | | | |
| Toluene | 0.87 | 0.048 | 0.9699 | 0 | 90.1 | 73.6 | 124 | | | |
| Ethylbenzene | 0.89 | 0.048 | 0.9699 | 0 | 91.9 | 72.7 | 129 | | | |
| Xylenes, Total | 2.7 | 0.097 | 2.910 | 0 | 93.0 | 75.7 | 126 | | | |
| Surr: 4-Bromofluorobenzene | 0.95 | | 0.9699 | | 98.4 | 70 | 130 | | | |

| Sample ID: 2206g31-006amsd | SampType: MSD | TestCode: EPA Method 8021B: Volatiles | | | | | | | | |
|-----------------------------------|--------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: BH-23A | Batch ID: 68509 | RunNo: 89234 | | | | | | | | |
| Prep Date: 7/1/2022 | Analysis Date: 7/5/2022 | SeqNo: 3172271 | Units: mg/Kg | | | | | | | |
| Analyte | Result | PQL | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene | 0.76 | 0.024 | 0.9643 | 0 | 78.5 | 68.8 | 120 | 10.4 | 20 | |
| Toluene | 0.79 | 0.048 | 0.9643 | 0 | 81.4 | 73.6 | 124 | 10.7 | 20 | |
| Ethylbenzene | 0.80 | 0.048 | 0.9643 | 0 | 83.2 | 72.7 | 129 | 10.5 | 20 | |
| Xylenes, Total | 2.4 | 0.096 | 2.893 | 0 | 83.5 | 75.7 | 126 | 11.3 | 20 | |
| Surr: 4-Bromofluorobenzene | 0.95 | | 0.9643 | | 98.6 | 70 | 130 | 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
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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: GHD Midland

Work Order Number: 2206G31

RcptNo: 1

Received By: Juan Rojas

6/30/2022 7:30:00 AM

Juan Rojas

Completed By: Sean Livingston

6/30/2022 8:39:39 AM

Sean Livingston

Reviewed By: *JR 6/30/22*

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. Received at least 1 vial with headspace <1/4" for AQ VOA? Yes No NA
10. Were any sample containers received broken? Yes No
11. Does paperwork match bottle labels? Yes No
 (Note discrepancies on chain of custody)
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? Yes No
 (If no, notify customer for authorization.)

of preserved bottles checked for pH: _____
 (<2 or >12 unless noted)
 Adjusted? _____
 Checked by: *CMC 6/30/22*

Special Handling (if applicable)

15. Was client notified of all discrepancies with this order? Yes No NA

| | | | |
|----------------------|-------|-------|---|
| Person Notified: | _____ | Date: | _____ |
| By Whom: | _____ | Via: | <input type="checkbox"/> eMail <input type="checkbox"/> Phone <input type="checkbox"/> Fax <input type="checkbox"/> In Person |
| Regarding: | _____ | | |
| Client Instructions: | _____ | | |

16. Additional remarks:

Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1 | 0.3 | Good | | | | |

Chain-of-Custody Record

Client: GHD

Mailing Address:

2135 S. Loop 250 W. Midland, TX 79703

Phone #: (432) 686-0086

email or Fax#: Becky.Haskell@ghd.com

QA/QC Package:

Standard Level 4 (Full Validation)

Accreditation: Az Compliance

NELAC Other _____

EDD (Type) _____

Turn-Around Time:

Standard Rush 5 day

Project Name:

Rail BID State #1

Project #:

12575074

Project Manager:

Becky Haskell

Tom Larson

Sampler: Heath Boyd

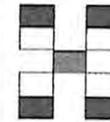
On Ice: Yes No

of Coolers: 1

Cooler Temp (including CF): 03020.3

| Container Type and # | Preservative Type | HEAL No. |
|----------------------|-------------------|----------------|
| <u>4oz Jar / 1</u> | <u>N/A</u> | <u>2206631</u> |

| Date | Time | Matrix | Sample Name | Container Type and # | Preservative Type | HEAL No. |
|----------------|-------------|----------|---------------|----------------------|-------------------|------------|
| <u>6/29/22</u> | <u>1020</u> | <u>S</u> | <u>BH-9A</u> | <u>4oz Jar / 1</u> | <u>N/A</u> | <u>001</u> |
| <u> </u> | <u>1030</u> | <u> </u> | <u>BH-10A</u> | <u> </u> | <u> </u> | <u>002</u> |
| <u> </u> | <u>1055</u> | <u> </u> | <u>BH-18A</u> | <u> </u> | <u> </u> | <u>003</u> |
| <u> </u> | <u>1110</u> | <u> </u> | <u>BH-19A</u> | <u> </u> | <u> </u> | <u>004</u> |
| <u> </u> | <u>1120</u> | <u> </u> | <u>BH-20A</u> | <u> </u> | <u> </u> | <u>005</u> |
| <u>X</u> | <u>1140</u> | <u>X</u> | <u>BH-23A</u> | <u>X</u> | <u>X</u> | <u>006</u> |



HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

Tel. 505-345-3975 Fax 505-345-4107

Analysis Request

| BIEX / MTBE / TMB's (8021) | TPH:8015D(GRO / DRO / MRO) | 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 | 8260 (VOA) | 8270 (Semi-VOA) | Chloride 300 M |
|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|----------------|
| <u>X</u> | <u>X</u> | | | | | | | | <u>X</u> |
| <u>X</u> | <u>X</u> | | | | | | | | <u>X</u> |
| <u>X</u> | <u>X</u> | | | | | | | | <u>X</u> |
| <u>X</u> | <u>X</u> | | | | | | | | <u>X</u> |
| <u>X</u> | <u>X</u> | | | | | | | | <u>X</u> |

Date: 6/29/22 Time: 1330 Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 6/29/22 Time: 1330

Date: 6/29/22 Time: 1900 Relinquished by: [Signature]

Received by: [Signature] Via: _____ Date: 6/30/22 Time: 7:30

Remarks: Please email: Amber_Griffin@eogresources.com, Chase_Settle@eogresources.com; Tom.Larson@ghd.com; Zach.Comino@ghd.com; Heath.Boyd@ghd.com Along with Becky Haskell listed above. Direct Bill to EOG Chase Settle

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.

District I
 1625 N. French Dr., Hobbs, NM 88240
 Phone:(575) 393-6161 Fax:(575) 393-0720
District II
 811 S. First St., Artesia, NM 88210
 Phone:(575) 748-1283 Fax:(575) 748-9720
District III
 1000 Rio Brazos Rd., Aztec, NM 87410
 Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
 1220 S. St Francis Dr., Santa Fe, NM 87505
 Phone:(505) 476-3470 Fax:(505) 476-3462

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

CONDITIONS

Action 129745

CONDITIONS

| | |
|--|---|
| Operator: EOG RESOURCES INC P.O. Box 2267 Midland, TX 79702 | OGRID: 7377 |
| | Action Number: 129745 |
| | Action Type: [C-141] Release Corrective Action (C-141) |

CONDITIONS

| Created By | Condition | Condition Date |
|------------|--------------------------|----------------|
| jnobui | Closure Report Approved. | 9/20/2022 |