

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    | nAPP2111230058 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Release Notification

### Responsible Party

|  |   |
|--|---|
| Responsible Party EOG Resources, Inc.                        | OGRID 7377                                  |
| Contact Name Chase Settle                                    | Contact Telephone 575-748-1471              |
| Contact email Chase_Settle@eogresources.com                  | Incident # (assigned by OCD) nAPP2111230058 |
| Contact mailing address 104 S. 4th Street, Artesia, NM 88210 |   |

### Location of Release Source

Latitude 32.71795 Longitude -104.43988  
(NAD 83 in decimal degrees to 5 decimal places)

|                                    |                      |
|------------------------------------|----------------------|
| Site Name Yates AS Fee Battery     | Site Type Battery    |
| Date Release Discovered 04/16/2021 | API# (if applicable) |

| Unit Letter | Section | Township | Range | County |
|-------------|---------|----------|-------|--------|
| K           | 25      | 18S      | 25E   | Eddy   |

Surface Owner: ☐ State ☐ Federal ☐ Tribal ☒ Private (Name: \_\_\_\_\_)

### Nature and Volume of Release

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

|   |  |  |
|---|--|--|
| <input checked="" type="checkbox"/> Crude Oil | Volume Released (bbls) Unknown   | Volume Recovered (bbls) 0                                |
| <input type="checkbox"/> Produced Water       | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
|   | Is the concentration of dissolved chloride in the produced water >10,000 mg/l? | <input type="checkbox"/> Yes <input type="checkbox"/> No |
| <input type="checkbox"/> Condensate           | Volume Released (bbls)   | Volume Recovered (bbls)                                  |
| <input type="checkbox"/> Natural Gas          | Volume Released (Mcf)  | Volume Recovered (Mcf)                                   |
| <input type="checkbox"/> Other (describe)     | Volume/Weight Released (provide units)   | Volume/Weight Recovered (provide units)                  |

Cause of Release Historical impacts discovered during the P&A of the battery. Release volume and date are unknown.

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2111230058 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

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

## 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.<br><input checked="" type="checkbox"/> The impacted area has been secured to protect human health and the environment.<br><input checked="" type="checkbox"/> Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.<br><input checked="" type="checkbox"/> All free liquids and recoverable materials have been removed and managed appropriately.   |   |
| If all the actions described above have <u>not</u> been undertaken, explain why:   |   |
| Per 19.15.29.8 B. (4) NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please attach a narrative of actions to date. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see 19.15.29.11(A)(5)(a) NMAC), please attach all information needed for closure evaluation.  |   |
| I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations. |   |
| Printed Name: <u>Chase Settle</u>  | Title: <u>Rep Safety &amp; Environmental Sr</u> |
| Signature: <u><i>Chase Settle</i></u>  | Date: <u>04/21/2021</u>                         |
| email: <u>Chase_Settle@eogresources.com</u>  | Telephone: <u>575-748-1471</u>                  |
| <b><u>OCD Only</u></b>   |   |
| Received by: _____   | Date: _____                                     |

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2111230058 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Site Assessment/Characterization

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

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

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

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

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


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

State of New Mexico  
Oil Conservation Division

Page 4

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2111230058 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

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

Printed Name: Chase SettleTitle: Rep Safety & Environmental SrSignature: Date: 09/30/2021email: Chase\_Settle@eogresources.comTelephone: 575-748-1471**OCD Only**

Received by: \_\_\_\_\_

Date: \_\_\_\_\_

|                |                |
|----------------|----------------|
| Incident ID    | nAPP2111230058 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Remediation Plan


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

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
Signature:  Date: 09/30/2021  
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: \_\_\_\_\_

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

Our ref: 11228401

September 27, 2021

New Mexico Oil Conservation Division  
District 2  
811 South First Street  
Artesia, New Mexico 88210

Re: **Site Characterization and Remediation Work Plan**  
**Yates AS Fee Battery Release Site**  
**EOG Resources Inc.**  
**Incident ID: nAPP2111230058**  
**K-25-18S-25E, Eddy County, New Mexico**

To Whom It May Concern:

## 1. Introduction

GHD Services, Inc. (GHD), on behalf of EOG Resources (EOG), submits this Site Characterization and Remediation Work Plan to the New Mexico Oil Conservation Division (NMOCD) District 2 Office. This Report provides documentation of delineation, sampling, and analyses in the affected area at the EOG Yates AS Fee Battery Release Site (Site). Remedial activities are also proposed for NMOCD considerations. The Site is located in Unit Letter K Section 25 of Township 18 South and Range 25 East in Eddy County, New Mexico. The GPS coordinates for the release site are 32.71795 N latitude and 104.43988 W longitude. The release occurred on private surface land. Figure 1 depicts the Site location. The EOG production facility and other site details are depicted on Figure 2.

## 2. Background Information

A C-141 initial report for this release was submitted to the NMOCD on April 21, 2021. The C-141 stated that no known volume or date could be assigned to this historical release. The potential release area was discovered during EOG well plugging and site abandonment activities associated with this location. Soils within the former tank battery containment appeared to be discolored and after discussions between field personnel and environmental staff – EOG made the decision to go ahead and file a C-141 for this suspect release location.

The Initial Form C-141, Site Assessment/Characterization and Remediation Plan portions of Form C-141 for Incident Number nAPP2111230058 are attached to the front of this report.

### 3. Groundwater and Site Characterization

GHD characterized the Site according to Table 1, 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). The release falls under the jurisdiction of the NMOCD District 2 in Artesia, New Mexico.

A review of the OSE POD Locations Website revealed a well located approximately 0.31 miles to the south of the Site with a depth to groundwater of 194 feet below ground surface (bgs). The well was installed on November 7, 2017, through November 13, 2017 and was assigned POD Number RA 12548 POD1. The well is located at GPS Coordinates, 32.713077 N latitude and 104.439977 W longitude. Depth to groundwater for this Site is greater than one hundred (100) feet bgs. No other receptors (karst potential areas, water wells, playas, wetlands, waterways, lakebeds or ordinance boundaries) were located within each specific boundaries or distance from the Site. According to the Site characterization evaluation and 19.15.29.12.C(4)(a)(i) the Site is located within an area with depth to groundwater greater than one hundred (100) feet and meets the closure criteria for depth to groundwater greater than one hundred (100) feet in Table 1 in NMAC 19.15.29.12. The Site characterization documentation (Karst Potential, FEMA, Points of Diversion, Point of Diversion Summary for RA 12548 POD1 and Wetlands maps) are provided in Attachment A. The soil and closure criteria are listed below:

#### General Site Characterization and Groundwater:

| Site Characterization | Average Groundwater Depth (ft.) |
|-----------------------|---------------------------------|
| No Receptors Found    | >100'                           |

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

| Constituent       | Limits       |
|-------------------|--------------|
| Chloride          | 20,000 mg/kg |
| TPH (GRO+DRO+MRO) | 2,500 mg/kg  |
| TPH (GRO+DRO)     | 1,000 mg/kg  |
| Benzene           | 10 mg/kg     |
| BTEX              | 50 mg/kg     |

### 4. Initial Soil Delineation Assessment Summary and Findings

On May 19, 2021, GHD Services Inc. (GHD) and EOG's contractor BDS Enterprises, LLC (BDS), on behalf of EOG, installed seventeen (17) test pits within the suspected impacted area. Soil samples were collected from two (2) to fourteen (14) feet bgs. 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 none of the soil samples exhibited benzene, BTEX, TPH or chloride concentrations above Table 1 closure criteria. Depth to groundwater was unknown during this phase of investigation.

On July 6 through July 8, 2021, GHD and EOG contractor Culberson Construction Energy Services (CCI), returned to the site to extend test pits TP-1 through TP-6, TP-8, TP-10 through TP-12, TP-14 and TP-16 deeper and install an additional six (6) new test pits, TP-18 through TP-23. Soil samples were collected at

varying depths and were submitted 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 only one sample, TP-2-20 exhibited GRO plus DRO TPH concentrations above Table 1 closure criteria with a concentration of 1,293 mg/kg.

Figure 2, Site Assessment: Soil Analytical Results Map, depicts the locations of the initial delineation samples and analytical concentrations. Analytical results are provided in Table 1, on Figure 2, and in the Laboratory Analytical Reports provided in Attachment C.

## 5. nAPP2111230058 Proposed Work Plan

Test pit TP-2 exhibited TPH GRO plus DRO concentrations above Table 1 closure criteria at twenty (20) feet bgs. None of the other samples submitted for analysis exhibited benzene, BTEX, TPH or chloride concentrations above Table 1 closure criteria. Other test pits exhibited TPH and/or chloride concentrations above 100 mg/kg and 600 mg/kg, respectively, in the first four (4) feet bgs as represented in the green area on Figure 2.

GHD, on behalf of EOG, proposes to excavate soils containing Total TPH concentrations over 100 mg/kg and chloride concentrations over 600 mg/kg within the top four feet of the impacted area as indicated on Figure 2. Additionally, the TP-2 area will be excavated to twenty (20) feet bgs or as deep as safely possible. The bottom of the excavation will be treated with a microbial strain to digest organics in the hydrocarbons. The excavation will be left open while soil removal/excavation activities are conducted at the rest of the Site. When remediation activities are complete at all other areas of the Site a confirmation sample will be collected at the bottom of TP-2, if the results are below Table 1 closure criteria, the excavation will be backfilled with non-impacted soil transported to the site.

Composite confirmation samples will be collected from the sidewalls and bottom of the four (4) foot excavation representing areas no larger than two hundred (200) square feet to ensure the first four (4) feet exhibit concentrations below Table 1 closure criteria. Additionally, the twenty foot excavation will also have composite confirmation samples collected from the sidewall in addition to the bottom hole sample. Discrete soil samples will be collected from the sidewalls if any staining is observed. All confirmation samples will be taken to a certified laboratory and analyzed for BTEX by EPA Method 8021B, TPH by Method 8015B Modified, and chloride by EPA Method 300.

Excavated soils will be transported to a NMOCD approved disposal facility for disposal. The anticipated volume of soil to be disposed of is approximately 5,000 cubic yards. The excavation will be backfilled with non-impacted soil transported to the site. The remediation will be performed within 90 days after the work plan has been approved. If confirmation soil samples exhibit benzene, BTEX, TPH and chloride concentrations below Table 1 closure criteria, a closure report will be prepared to document remediation activities and submitted to the NMOCD. If the samples exhibit Total TPH concentrations above Table 1 closure criteria a new work plan will be submitted to the NMOCD for approval.

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

Sincerely,

GHD



Becky Haskell  
Senior Project Manager



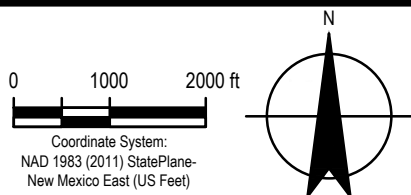
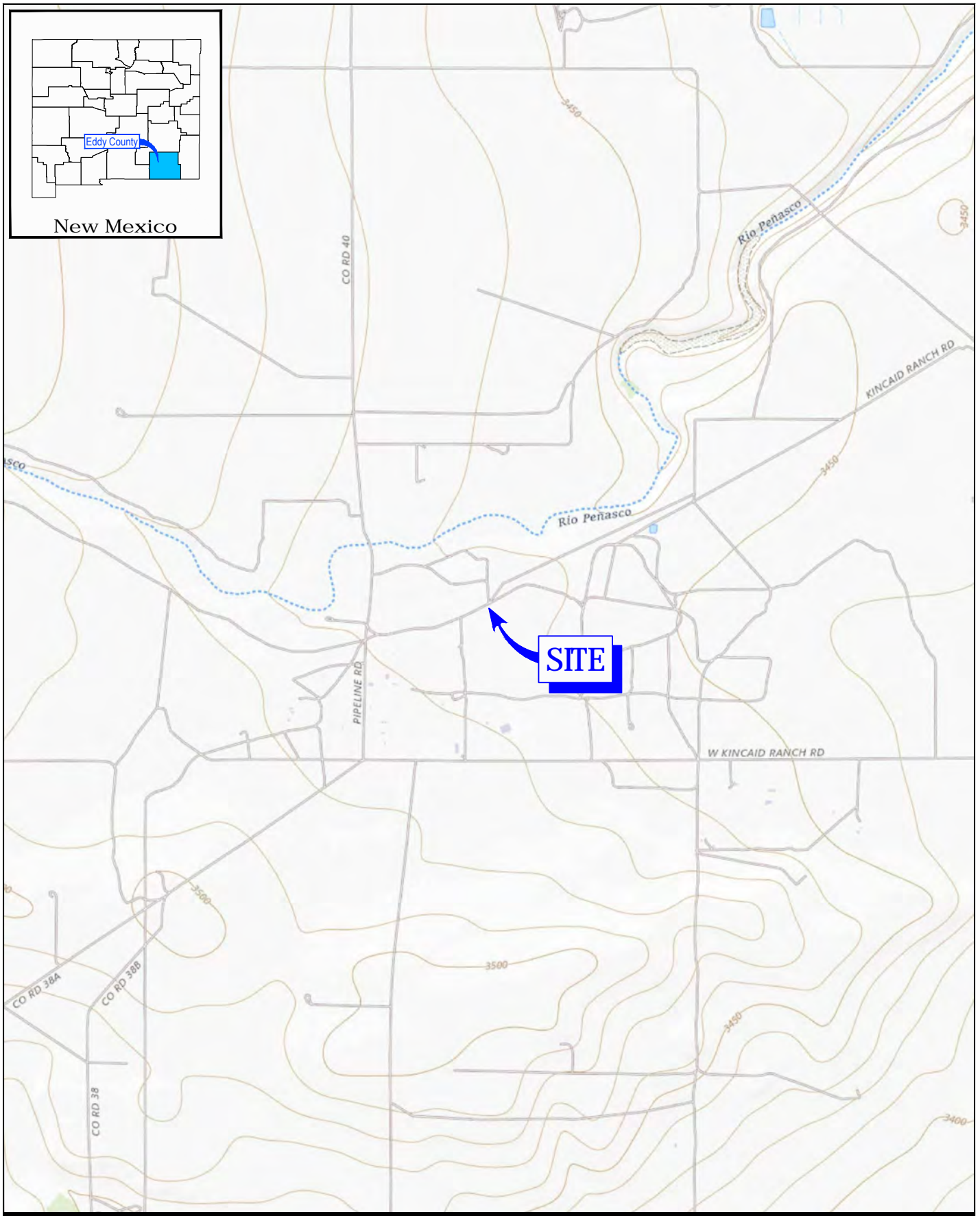
Thomas C. Larson, M.S.  
Midland Operation Manager

BH/tl/1

Encl.    Figure 1 – Site Location Map  
          Figure 2 – Site Assessment Soil Analytical Results Map  
          Table 1 – Summary of Soil Analytical Data  
          Attachment A – Site Characterization Documentation  
          Attachment B – Laboratory Analytical Reports and Chain-of-Custody Documentation

cc:       Chase Settle

## Figures



EOG RESOURCES  
EDDY COUNTY, NEW MEXICO  
YATE AS FEE BATTERY

Project No. 11228401  
Date September 2021

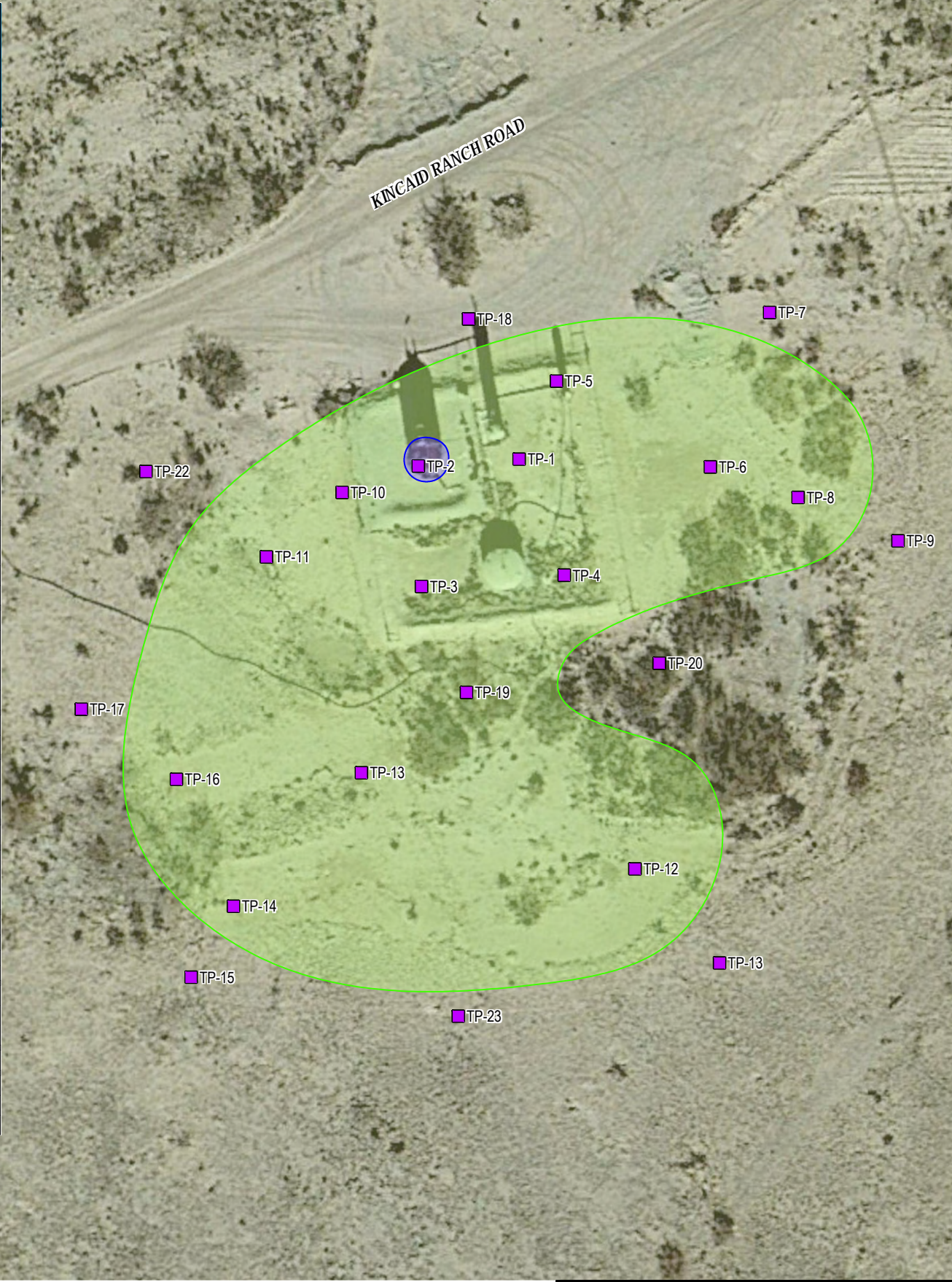
SITE LOCATION MAP

FIGURE 1

Filename: \\ghdnet\ghd\USMidland\Projects\562\11228401\Digital\_Design\ACAD 2018\Figures\RPT001\11228401-GHD-0000-RPT-EN-0101\_DL-001.dwg

Data Source: USGS 7.5 Minute Quad "Dayton, New Mexico"  
Lat/Long: 32.717952° North, 104.439889° West

| Sample ID        | Sample Date | Depth (feet bgs) | Benzene | BTEX    | TPH   |                   | Chloride    |
|------------------|-------------|------------------|---------|---------|---|-------------------|-------------|
|                  |             |                  | (mg/Kg) | (mg/Kg) | GRO + DRO   | Total GRO/DRO/MRO |             |
|                  |             |                  |         |         | Table I Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 |                   |             |
|                  |             |                  |         |         | 10 mg/Kg  | 50 mg/Kg          | 1,000 mg/Kg |
| Test Pit Samples |             |                  |         |         |   |                   |             |
| TP1-2            | 5/19/21     | 2                | <0.024  | <0.096  | 46  | 196               | 900         |
| TP1-4            | 5/19/21     | 4                | <0.025  | <0.098  | 720   | 2,420             | 1,000       |
| TP1-10           | 7/6/21      | 10               | <0.025  | <0.099  | 79  | 229               | 920         |
| TP1-15           | 7/6/21      | 15               | <0.024  | <0.097  | <9.3  | <47               | 1,700       |
| TP1-20           | 7/6/21      | 20               | -       | -       | -   | -                 | 1,300       |
| TP2-2            | 5/19/21     | 2                | <0.024  | <0.097  | 53  | 383               | 1,000       |
| TP2-4            | 5/19/21     | 4                | <0.024  | <0.098  | 290   | 1,230             | 220         |
| TP2-13           | 7/6/21      | 13               | <0.12   | <0.48   | 1,000   | 1,540             | 5,400       |
| TP2-16           | 7/6/21      | 16               | <0.12   | 6.8     | 980   | 1,560             | 9,100       |
| TP2-20           | 7/6/21      | 20               | <0.12   | 3.9     | 1,293   | 1,983             | 7,400       |
| TP3-11           | 5/19/21     | 11               | <0.023  | <0.092  | <9.4  | <47               | 1,900       |
| TP3-14           | 5/19/21     | 14               | <0.024  | <0.096  | 20  | 77                | 1,300       |
| TP3-16           | 7/6/21      | 16               | <0.024  | <0.095  | <9.7  | <48               | 1,200       |
| TP3-20           | 7/6/21      | 20               | -       | -       | -   | -                 | 1,900       |
| TP4-2            | 5/19/21     | 2                | <0.025  | <0.098  | 50  | 230               | <60         |
| TP4-6            | 7/6/21      | 6                | <0.025  | <0.10   | 9.8   | 62.8              | <60         |
| TP4-12           | 7/6/21      | 12               | <0.023  | <0.093  | 170   | 500               | 650         |
| TP4-14           | 7/6/21      | 14               | -       | -       | <8.8  | <44               | 570         |
| TP5-4            | 5/19/21     | 4                | <0.025  | <0.10   | <9.9  | <50               | 620         |
| TP5-6            | 5/19/21     | 6                | <0.024  | <0.097  | 320   | 1,080             | 930         |
| TP5-8            | 7/6/21      | 8                | <0.023  | <0.094  | <8.9  | <44               | 860         |
| TP5-10           | 7/6/21      | 10               | <0.024  | <0.094  | <9.0  | <45               | 640         |
| TP6-8            | 5/19/21     | 8                | <0.024  | <0.098  | <9.6  | <48               | 2,200       |
| TP6-10           | 5/19/21     | 10               | <0.024  | <0.096  | <9.5  | <47               | 1,500       |
| TP6-12           | 7/6/21      | 12               | <0.025  | <0.098  | <9.1  | <46               | 1,200       |
| TP6-14           | 7/6/21      | 14               | <0.024  | <0.095  | <8.4  | <42               | 700         |
| TP6-15           | 7/6/21      | 15               | -       | -       | -   | -                 | 590         |
| TP7-2            | 5/19/21     | 2                | <0.024  | <0.097  | <9.0  | <45               | 450         |
| TP7-4            | 5/19/21     | 4                | <0.025  | <0.098  | <9.5  | <48               | 380         |
| TP8-2            | 5/19/21     | 2                | <0.024  | <0.097  | <9.4  | <47               | 1,100       |
| TP8-4            | 5/19/21     | 4                | <0.025  | <0.10   | <9.7  | <49               | 670         |
| TP8-6            | 7/7/21      | 6                | <0.024  | <0.095  | <9.2  | <46               | 180         |
| TP9-2            | 5/19/21     | 2                | <0.025  | <0.098  | <9.6  | <48               | 460         |
| TP10-8           | 5/19/21     | 8                | <0.024  | <0.098  | <8.4  | <42               | 1,300       |
| TP10-10          | 5/19/21     | 10               | <0.024  | <0.096  | <8.8  | <44               | 620         |
| TP10-12          | 7/7/21      | 12               | <0.025  | <0.099  | <8.6  | <43               | 220         |
| TP11-2           | 5/19/21     | 2                | <0.12   | <0.49   | 720   | 1,370             | 620         |
| TP11-4           | 5/19/21     | 4                | <0.024  | <0.096  | <9.7  | <48               | 870         |
| TP11-8           | 7/7/21      | 8                | <0.025  | <0.10   | 32  | 152               | 150         |
| TP11-12          | 7/7/21      | 12               | <0.025  | <0.099  | <9.7  | <49               | -           |
| TP12-13          | 5/19/21     | 13               | <0.025  | <0.099  | <9.6  | <48               | 5,400       |
| TP12-16          | 7/7/21      | 16               | <0.024  | <0.095  | <9.2  | <46               | 5,000       |
| TP12-20          | 7/7/21      | 20               | <0.025  | <0.098  | <8.6  | <43               | 4,200       |
| TP13-2           | 5/19/21     | 2                | <0.023  | <0.092  | <9.1  | <46               | 110         |
| TP14-13          | 5/19/21     | 13               | <0.025  | <0.10   | <9.6  | <48               | 3,500       |
| TP14-16          | 7/7/21      | 16               | <0.025  | <0.10   | <9.6  | <46               | 6,300       |
| TP14-20          | 7/7/21      | 20               | <0.024  | <0.096  | <9.3  | <46               | 7,100       |



| Sample ID        | Sample Date | Depth (feet bgs) | Benzene   | BTEX     | TPH         |                   | Chloride     |
|------------------|-------------|------------------|---|----------|-------------|-------------------|--------------|
|                  |             |                  | (mg/Kg)   | (mg/Kg)  | GRO + DRO   | Total GRO/DRO/MRO | (mg/Kg)      |
|                  |             |                  | Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 |          |             |                   |              |
|                  |             |                  | 10 mg/Kg  | 50 mg/Kg | 1,000 mg/Kg | 2,500 mg/Kg       | 20,000 mg/Kg |
| Test Pit Samples |             |                  |   |          |             |                   |              |
| TP15-2           | 5/19/21     | 2                | <0.024  | <0.096   | <9.8        | <49               | <60          |
| TP16-10          | 5/19/21     | 10               | <0.025  | <0.099   | <9.4        | <47               | 4,500        |
| TP16-13          | 5/19/21     | 13               | <0.023  | <0.094   | <9.4        | <47               | 4,700        |
| TP16-16          | 7/7/21      | 16               | <0.024  | <0.096   | <10         | <50               | 4,800        |
| TP16-20          | 7/7/21      | 20               | <0.025  | <0.098   | <9.1'       | <45               | 5,000        |
| TP17-2           | 5/19/21     | 2                | <0.023  | <0.092   | <10         | <50               | 580          |
| TP18-S           | 7/7/21      | Surface          | <0.024  | <0.096   | 43          | 363               | <59          |
| TP18-2           | 7/7/21      | 2                | <0.023  | <0.094   | <9.8        | <49               | <60          |
| TP19-S           | 7/7/21      | Surface          | <0.024  | <0.097   | 110         | 680               | <60          |
| TP19-2           | 7/7/21      | 2                | <0.025  | <0.099   | <9.2        | <46               | <60          |
| TP20-S           | 7/7/21      | Surface          | <0.024  | <0.097   | <9.1        | <46               | <60          |
| TP20-2           | 7/7/21      | 2                | <0.024  | <0.098   | <9.4        | <47               | <60          |
| TP21-2           | 7/7/21      | 2                | <0.024  | <0.098   | <9.5        | <48               | 6,400        |
| TP21-8           | 7/7/21      | 8                | <0.024  | <0.097   | <8.2        | <41               | 6,700        |
| TP21-15          | 7/7/21      | 15               | <0.025  | <0.099   | <9.2        | <46               | 7,300        |
| TP21-20          | 7/7/21      | 20               | <0.025  | <0.099   | <9.9        | <49               | 6,900        |
| TP22-S           | 7/7/21      | Surface          | <0.024  | <0.098   | <9.3        | <47               | <60          |
| TP22-2           | 7/7/21      | 2                | <0.025  | <0.099   | <9.9        | <50               | <59          |
| TP23-S           | 7/8/21      | Surface          | <0.024  | <0.096   | <9.8        | <49               | <61          |
| TP23-2           | 7/8/21      | 2                | <0.025  | <0.10    | <9.5        | <48               | <60          |

PROPOSED EXCAVATED AREA (4 FT)

PROPOSED EXCAVATED AREA (20 FT)

TEST PIT LOCATION

DEPTH

DEPTH OF SAMPLE (FT)

BTEX

BENZENE, TOLUENE, ETHYLBENZENE & XYLENES CONCENTRATION (MG/KG)

TPH

TOTAL PETROLEUM HYDROCARBONS CONCENTRATION (MG/KG)

LEGEND

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  
EDDY COUNTY, NEW MEXICO  
YATE AS FEE BATTERY

Project No. 11228401  
Date September 2021

SITE ASSESSMENT:  
SOIL ANALYTICAL RESULTS MAP

FIGURE 2

Filename: \\ghdnet\ghd\US\Midland\Projects\562\11228401\Digital\_Design\ACAD 2018\Figures\RPT001\11228401-GHD-0000-RPT-EN-0101\_DL-001.dwg  
Plot Date: 16 September 2021 12:08 PM  
Data Source: Image © 2021 Google - Imagery Date: December 21, 2019  
Lat/Long: 32.717952° North, 104.439889° West

## Tables

**Table 1**  
**Summary of Soil Analytical Data**  
**Yate AS Fee Battery**  
**EOG Resources**  
**Eddy County, New Mexico**

| Sample ID               | Sample Date | Depth (feet bgs) | Benzene  | Toluene | Ethylbenzene | Xylenes | BTEX     | TPH          |               |           |               |                   | Chloride |
|-------------------------|-------------|------------------|--|---------|--------------|---------|----------|--------------|---------------|-----------|---------------|-------------------|----------|
|                         |             |                  | (mg/Kg)  | (mg/Kg) | (mg/Kg)      | (mg/Kg) | (mg/Kg)  | GRO (C6-C10) | DRO (C10-C28) | GRO + DRO | MRO (C28-C35) | 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 | 1,000 mg/Kg  | 1,000 mg/Kg   | ---       | 2,500 mg/Kg   | 20,000 mg/Kg      |          |
| <b>Test Pit Samples</b> |             |                  |  |         |              |         |          |              |               |           |               |                   |          |
| TP1-2                   | 5/19/21     | 2                | <0.024   | <0.048  | <0.048       | <0.096  | <0.096   | <4.8         | 46            | 46        | 150           | 196               | 900      |
| TP1-4                   | 5/19/21     | 4                | <0.025   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | 720           | 720       | 1700          | 2,420             | 1,000    |
| TP1-10                  | 7/6/21      | 10               | <0.025   | <0.049  | <0.049       | <0.099  | <0.099   | <4.9         | 79            | 79        | 150           | 229               | 920      |
| TP1-15                  | 7/6/21      | 15               | <0.024   | <0.048  | <0.048       | <0.097  | <0.097   | <4.8         | <9.3          | <9.3      | <47           | <47               | 1,700    |
| TP1-20                  | 7/6/21      | 20               | -  | -       | -            | -       | -        | -            | -             | -         | -             | -                 | 1,300    |
| TP2-2                   | 5/19/21     | 2                | <0.024   | <0.049  | <0.049       | <0.097  | <0.097   | <4.9         | 53            | 53        | 330           | 383               | 1,000    |
| TP2-4                   | 5/19/21     | 4                | <0.024   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | 290           | 290       | 940           | 1,230             | 220      |
| TP2-13                  | 7/6/21      | 13               | <0.12  | <0.24   | <0.24        | <0.48   | <0.48    | <24          | 1,000         | 1,000     | 540           | 1,540             | 5,400    |
| TP2-16                  | 7/6/21      | 16               | <0.12  | <0.24   | 2.4          | 4.4     | 6.8      | 140          | 840           | 980       | 580           | 1,560             | 9,100    |
| TP2-20                  | 7/6/21      | 20               | <0.12  | <0.24   | 1.7          | 2.2     | 3.9      | 93           | 1,200         | 1,293     | 690           | 1,983             | 7,400    |
| TP3-11                  | 5/19/21     | 11               | <0.023   | <0.046  | <0.046       | <0.092  | <0.092   | <4.6         | <9.4          | <9.4      | <47           | <47               | 1,900    |
| TP3-14                  | 5/19/21     | 14               | <0.024   | <0.048  | <0.048       | <0.096  | <0.096   | <4.8         | 20            | 20        | 57            | 77                | 1,300    |
| TP3-16                  | 7/6/21      | 16               | <0.024   | <0.047  | <0.047       | <0.095  | <0.095   | <4.7         | <9.7          | <9.7      | <48           | <48               | 1,200    |
| TP3-20                  | 7/6/21      | 20               | -  | -       | -            | -       | -        | -            | -             | -         | -             | -                 | 1,900    |
| TP4-2                   | 5/19/21     | 2                | <0.025   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | 50            | 50        | 180           | 230               | <60      |
| TP4-6                   | 7/6/21      | 6                | <0.025   | <0.050  | <0.050       | <0.10   | <0.10    | <5.0         | 9.8           | 9.8       | 53            | 62.8              | <60      |
| TP4-12                  | 7/6/21      | 12               | <0.023   | <0.047  | <0.047       | <0.093  | <0.093   | <4.7         | 170           | 170       | 330           | 500               | 650      |
| TP4-14                  | 7/6/21      | 14               | -  | -       | -            | -       | -        | <4.9         | <8.8          | <8.8      | <44           | <44               | 570      |
| TP5-4                   | 5/19/21     | 4                | <0.025   | <0.050  | <0.050       | <0.10   | <0.10    | <5.0         | <9.9          | <9.9      | <50           | <50               | 620      |
| TP5-6                   | 5/19/21     | 6                | <0.024   | <0.048  | <0.048       | <0.097  | <0.097   | <4.8         | 320           | 320       | 760           | 1,080             | 930      |
| TP5-8                   | 7/6/21      | 8                | <0.023   | <0.047  | <0.047       | <0.094  | <0.094   | <4.7         | <8.9          | <8.9      | <44           | <44               | 860      |
| TP5-10                  | 7/6/21      | 10               | <0.024   | <0.047  | <0.047       | <0.094  | <0.094   | <4.7         | <9.0          | <9.0      | <45           | <45               | 640      |
| TP6-8                   | 5/19/21     | 8                | <0.024   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | <9.6          | <9.6      | <48           | <48               | 2,200    |
| TP6-10                  | 5/19/21     | 10               | <0.024   | <0.048  | <0.048       | <0.096  | <0.096   | <4.8         | <9.5          | <9.5      | <47           | <47               | 1,500    |
| TP6-12                  | 7/6/21      | 12               | <0.025   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | <9.1          | <9.1      | <46           | <46               | 1,200    |
| TP6-14                  | 7/6/21      | 14               | <0.024   | <0.047  | <0.047       | <0.095  | <0.095   | <4.7         | <8.4          | <8.4      | <42           | <42               | 700      |
| TP6-15                  | 7/6/21      | 15               | -  | -       | -            | -       | -        | -            | -             | -         | -             | -                 | 590      |
| TP7-2                   | 5/19/21     | 2                | <0.024   | <0.049  | <0.049       | <0.097  | <0.097   | <4.9         | <9.0          | <9.0      | <45           | <45               | 450      |
| TP7-4                   | 5/19/21     | 4                | <0.025   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | <9.5          | <9.5      | <48           | <48               | 380      |
| TP8-2                   | 5/19/21     | 2                | <0.024   | <0.049  | <0.049       | <0.097  | <0.097   | <4.9         | <9.4          | <9.4      | <47           | <47               | 1,100    |
| TP8-4                   | 5/19/21     | 4                | <0.025   | <0.050  | <0.050       | <0.10   | <0.10    | <5.0         | <9.7          | <9.7      | <49           | <49               | 670      |
| TP8-6                   | 7/7/21      | 6                | <0.024   | <0.047  | <0.047       | <0.095  | <0.095   | <4.7         | <9.2          | <9.2      | <46           | <46               | 180      |
| TP9-2                   | 5/19/21     | 2                | <0.025   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | <9.6          | <9.6      | <48           | <48               | 460      |
| TP10-8                  | 5/19/21     | 8                | <0.024   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | <8.4          | <8.4      | <42           | <42               | 1,300    |
| TP10-10                 | 5/19/21     | 10               | <0.024   | <0.048  | <0.048       | <0.096  | <0.096   | <4.8         | <8.8          | <8.8      | <44           | <44               | 620      |
| TP10-12                 | 7/7/21      | 12               | <0.025   | <0.050  | <0.050       | <0.099  | <0.099   | <5.0         | <8.6          | <8.6      | <43           | <43               | 220      |
| TP11-2                  | 5/19/21     | 2                | <0.12  | <0.25   | <0.25        | <0.49   | <0.49    | <25          | 720           | 720       | 650           | 1,370             | 620      |

**Table 1**  
**Summary of Soil Analytical Data**  
**Yate AS Fee Battery**  
**EOG Resources**  
**Eddy County, New Mexico**

| Sample ID | Sample Date | Depth (feet bgs) | Benzene  | Toluene | Ethylbenzene | Xylenes | BTEX     | TPH          |               |           |               |                   | Chloride |
|-----------|-------------|------------------|--|---------|--------------|---------|----------|--------------|---------------|-----------|---------------|-------------------|----------|
|           |             |                  | (mg/Kg)  | (mg/Kg) | (mg/Kg)      | (mg/Kg) | (mg/Kg)  | GRO (C6-C10) | DRO (C10-C28) | GRO + DRO | MRO (C28-C35) | Total GRO/DRO/MRO | (mg/Kg)  |
|           |             |                  | Table 1 Closure Criteria for Soils <50 feet Depth to Groundwater 19.15.29 NMOC |         |              |         |          |              |               |           |               |                   |          |
|           |             |                  | 10 mg/Kg   | ---     | ---          | ---     | 50 mg/Kg | 1,000 mg/Kg  | 1,000 mg/Kg   | ---       | 2,500 mg/Kg   | 20,000 mg/Kg      |          |
| TP11-4    | 5/19/21     | 4                | <0.024   | <0.048  | <0.048       | <0.096  | <0.096   | <4.8         | <9.7          | <9.7      | <48           | <48               | 870      |
| TP11-8    | 7/7/21      | 8                | <0.025   | <0.050  | <0.050       | <0.010  | <0.10    | <5.0         | 32            | 32        | 120           | 152               | 150      |
| TP11-12   | 7/7/21      | 12               | <0.025   | <0.050  | <0.050       | <0.099  | <0.099   | <5.0         | <9.7          | <9.7      | <49           | <49               | -        |
| TP12-13   | 5/19/21     | 13               | <0.025   | <0.049  | <0.049       | <0.099  | <0.099   | <4.9         | <9.6          | <9.6      | <48           | <48               | 5,400    |
| TP12-16   | 7/7/21      | 16               | <0.024   | <0.047  | <0.047       | <0.095  | <0.095   | <4.7         | <9.2          | <9.2      | <46           | <46               | 5,000    |
| TP12-20   | 7/7/21      | 20               | <0.025   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | <8.6          | <8.6      | <43           | <43               | 4,200    |
| TP13-2    | 5/19/21     | 2                | <0.023   | <0.046  | <0.046       | <0.092  | <0.092   | <4.6         | <9.1          | <9.1      | <46           | <46               | 110      |
| TP14-13   | 5/19/21     | 13               | <0.025   | <0.050  | <0.050       | <0.10   | <0.10    | <5.0         | <9.6          | <9.6      | <48           | <48               | 3,500    |
| TP14-16   | 7/7/21      | 16               | <0.025   | <0.050  | <0.050       | <0.10   | <0.10    | <5.0         | <9.2          | <9.6      | <46           | <46               | 6,300    |
| TP14-20   | 7/7/21      | 20               | <0.024   | <0.048  | <0.048       | <0.096  | <0.096   | <4.8         | <9.3          | <9.3      | <46           | <46               | 7,100    |
| TP15-2    | 5/19/21     | 2                | <0.024   | <0.048  | <0.048       | <0.096  | <0.096   | <4.8         | <9.8          | <9.8      | <49           | <49               | <60      |
| TP16-10   | 5/19/21     | 10               | <0.025   | <0.050  | <0.050       | <0.099  | <0.099   | <5.0         | <9.4          | <9.4      | <47           | <47               | 4,500    |
| TP16-13   | 5/19/21     | 13               | <0.023   | <0.047  | <0.047       | <0.094  | <0.094   | <4.7         | <9.4          | <9.4      | <47           | <47               | 4,700    |
| TP16-16   | 7/7/21      | 16               | <0.024   | <0.048  | <0.048       | <0.096  | <0.096   | <4.8         | <10           | <10       | <50           | <50               | 4,800    |
| TP16-20   | 7/7/21      | 20               | <0.025   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | <9.1          | <9.1      | <45           | <45               | 5,000    |
| TP17-2    | 5/19/21     | 2                | <0.023   | <0.046  | <0.046       | <0.092  | <0.092   | <4.6         | <10           | <10       | <50           | <50               | 580      |
| TP18-S    | 7/7/21      | Surface          | <0.024   | <0.048  | <0.048       | <0.096  | <0.096   | <4.8         | 43            | 43        | 320           | 363               | <59      |
| TP18-2    | 7/7/21      | 2                | <0.023   | <0.047  | <0.047       | <0.094  | <0.094   | <4.7         | <9.8          | <9.8      | <49           | <49               | <60      |
| TP19-S    | 7/7/21      | Surface          | <0.024   | <0.049  | <0.049       | <0.097  | <0.097   | <4.9         | 110           | 110       | 570           | 680               | <60      |
| TP19-2    | 7/7/21      | 2                | <0.025   | <0.049  | <0.049       | <0.099  | <0.099   | <4.9         | <9.2          | <9.2      | <46           | <46               | <60      |
| TP20-S    | 7/7/21      | Surface          | <0.024   | <0.049  | <0.049       | <0.097  | <0.097   | <4.9         | <9.1          | <9.1      | <46           | <46               | <60      |
| TP20-2    | 7/7/21      | 2                | <0.024   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | <9.4          | <9.4      | <47           | <47               | <60      |
| TP21-2    | 7/7/21      | 2                | <0.024   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | <9.5          | <9.5      | <48           | <48               | 6,400    |
| TP21-8    | 7/7/21      | 8                | <0.024   | <0.048  | <0.048       | <0.097  | <0.097   | <4.8         | <8.2          | <8.2      | <41           | <41               | 6,700    |
| TP21-15   | 7/7/21      | 15               | <0.025   | <0.050  | <0.050       | <0.099  | <0.099   | <5.0         | <9.2          | <9.2      | <46           | <46               | 7,300    |
| TP21-20   | 7/7/21      | 20               | <0.025   | <0.050  | <0.050       | <0.099  | <0.099   | <5.0         | <9.9          | <9.9      | <49           | <49               | 6,900    |
| TP22-S    | 7/7/21      | Surface          | <0.024   | <0.049  | <0.049       | <0.098  | <0.098   | <4.9         | <9.3          | <9.3      | <47           | <47               | <60      |
| TP22-2    | 7/7/21      | 2                | <0.025   | <0.049  | <0.049       | <0.099  | <0.099   | <4.9         | <9.9          | <9.9      | <50           | <50               | <59      |
| TP23-S    | 7/8/21      | Surface          | <0.024   | <0.048  | <0.048       | <0.096  | <0.096   | <4.8         | <9.8          | <9.8      | <49           | <49               | <61      |
| TP23-2    | 7/8/21      | 2                | <0.025   | <0.050  | <0.050       | <0.10   | <0.10    | <5.0         | <9.5          | <9.5      | <48           | <48               | <60      |

**Notes:**

1. Values reported in mg/kg
2. < = Value Less than Reporting Limit (RL)
3. Bold Indicates Analyte Detected
- 4 BTEX analyses by EPA Method SW 8021B.

5. TPH analyses by EPA Method SW 8015 Mod.
6. GRO/DRO/MRO = Gasoline/Diesel/Motor Oil
7. Yellow shaded cells indicate analytical samples that exceeded the NMOC 19.15.29.12 Table 1 Closure Criteria for the site.
8. J - the target analytes was positively identified below the quantitation limit and above the detection limit.

B-BH-2

Sample Point Excavated





# Attachment A

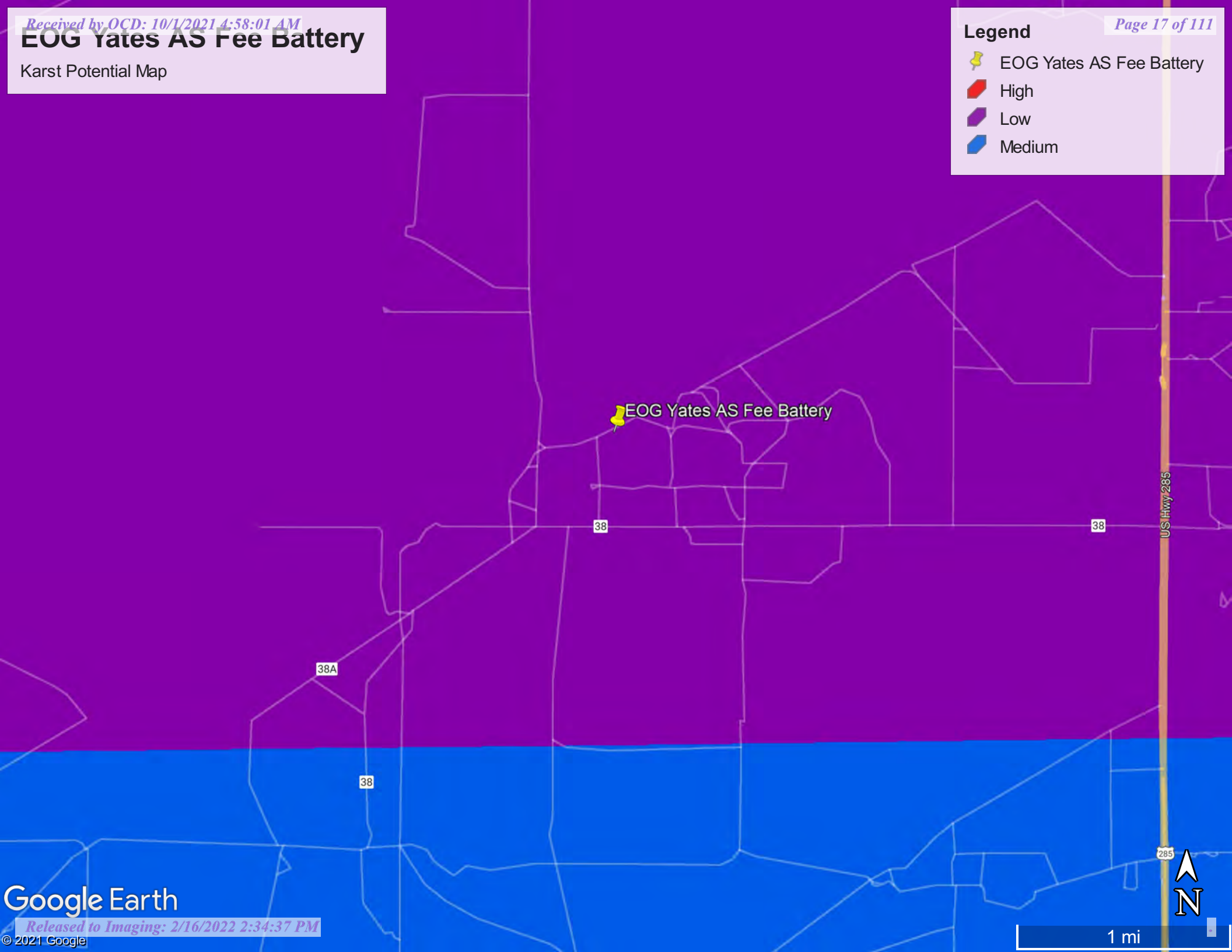
## Site Characterization Documentation

# EOG Yates AS Fee Battery

Karst Potential Map

## Legend

-  EOG Yates AS Fee Battery
-  High
-  Low
-  Medium



Google Earth



1 mi

OSE PUBLIC PRINT



5/19/2021, 3:23:43 PM

GIS WATERS PODs

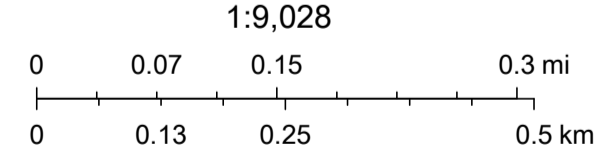
- Active
- Pending

OSE District Boundary

New Mexico State Trust Lands

Both Estates

SiteBoundaries



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



# New Mexico Office of the State Engineer

## Point of Diversion Summary

(quarters are 1=NW 2=NE 3=SW 4=SE)  
 (quarters are smallest to largest) (NAD83 UTM in meters)

| Well Tag | POD Number    | Q64 | Q16 | Q4 | Sec | Tws | Rng | X      | Y       |
|----------|---------------|-----|-----|----|-----|-----|-----|--------|---------|
| 20642    | RA 12548 POD1 | 4   | 4   | 3  | 25  | 18S | 25E | 552484 | 3619618 |

**Driller License:** 1348 **Driller Company:** TAYLOR WATER WELL SERVICE

**Driller Name:** TAYLOR, CLINTON E.

|                                     |                                      |                               |
|-------------------------------------|--------------------------------------|-------------------------------|
| <b>Drill Start Date:</b> 11/07/2017 | <b>Drill Finish Date:</b> 11/13/2017 | <b>Plug Date:</b>             |
| <b>Log File Date:</b> 12/14/2017    | <b>PCW Rcv Date:</b>                 | <b>Source:</b> Shallow        |
| <b>Pump Type:</b>                   | <b>Pipe Discharge Size:</b>          | <b>Estimated Yield:</b> 2 GPM |
| <b>Casing Size:</b> 4.50            | <b>Depth Well:</b> 255 feet          | <b>Depth Water:</b> 194 feet  |

| Water Bearing Stratifications: | Top | Bottom | Description              |
|--------------------------------|-----|--------|--------------------------|
|                                | 194 | 206    | Shale/Mudstone/Siltstone |
|                                | 206 | 255    | Shale/Mudstone/Siltstone |

| Casing Perforations: | Top | Bottom |
|----------------------|-----|--------|
|                      | 175 | 255    |

The data is furnished by the NMOSE/ISC and is accepted by the recipient with the expressed understanding that the OSE/ISC make no warranties, expressed or implied, concerning the accuracy, completeness, reliability, usability, or suitability for any particular purpose of the data.

5/19/21 2:28 PM

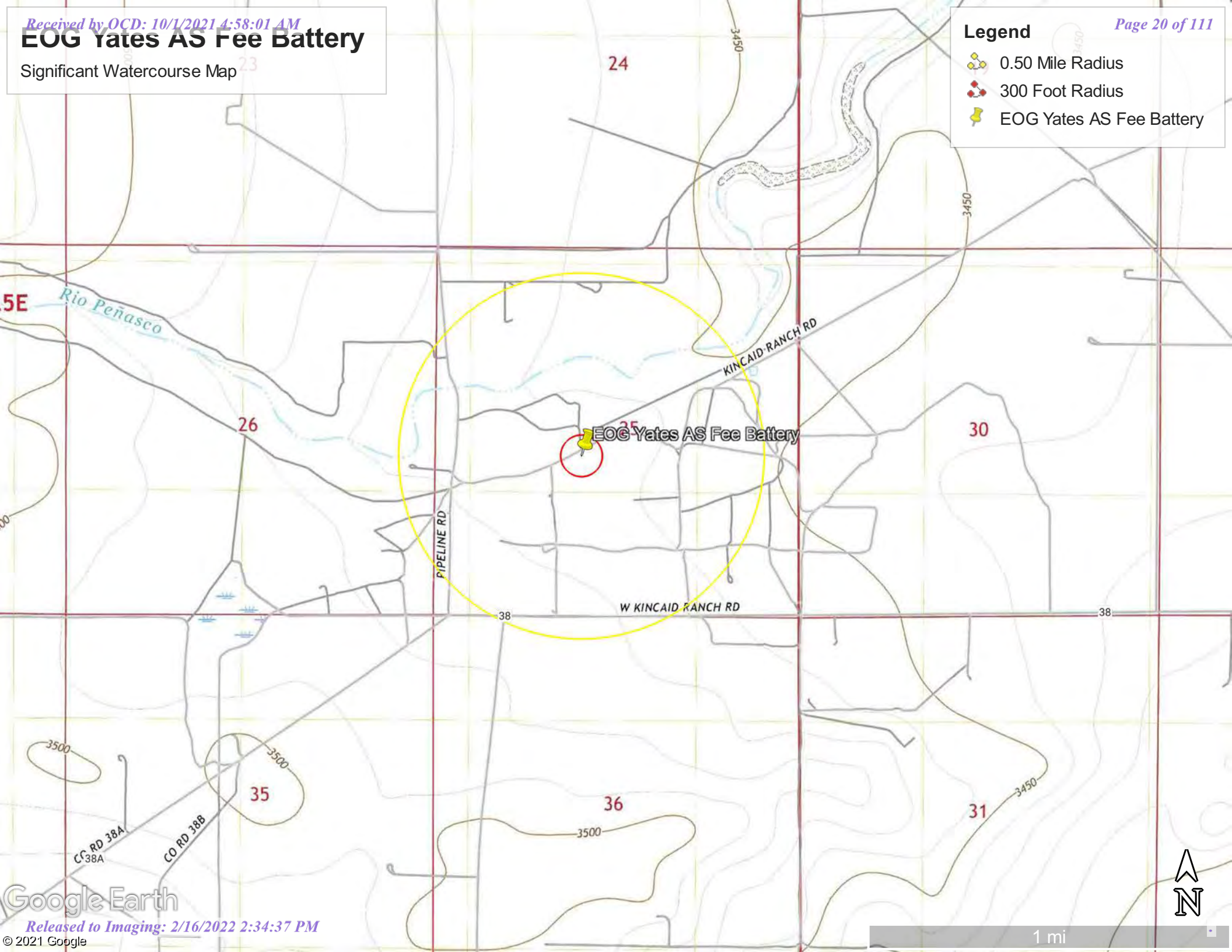
POINT OF DIVERSION SUMMARY

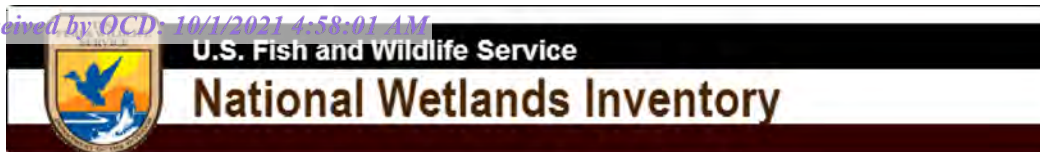
# EOG Yates AS Fee Battery

Significant Watercourse Map

## Legend

- 0.50 Mile Radius
- 300 Foot Radius
- EOG Yates AS Fee Battery





## EOG Yates AS Fee Battery



September 14, 2021

**Wetlands**

- Estuarine and Marine Deepwater
- Estuarine and Marine Wetland

- Freshwater Emergent Wetland
- Freshwater Forested/Shrub Wetland
- Freshwater Pond

- Lake
- 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.

# National Flood Hazard Layer FIRMette



104°26'42"W 32°43'20"N



## Legend

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

|                             |  |   |
|-----------------------------|--|---|
| SPECIAL FLOOD HAZARD AREAS  |  | Without Base Flood Elevation (BFE)<br>Zone A, V, A99  |
|                             |  | With BFE or Depth Zone AE, AO, AH, VE, AR   |
|                             |  | 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 Zone X |
|                             |  | Future Conditions 1% Annual Chance Flood Hazard Zone X  |
|                             |  | Area with Reduced Flood Risk due to Levee. See Notes. Zone X  |
|                             |  | Area with Flood Risk due to Levee Zone D  |
| OTHER AREAS                 |  | NO SCREEN Area of Minimal Flood Hazard Zone X   |
|                             |  | Effective LOMRs   |
|                             |  | Area of Undetermined Flood Hazard Zone D  |
| 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 Cross Sections with 1% Annual Chance Water Surface Elevation   |
|                             |  | Coastal Transect  |
|                             |  | Base Flood Elevation Line (BFE)   |
|                             |  | Limit of Study  |
|                             |  | Jurisdiction Boundary   |
|                             |  | Coastal Transect Baseline   |
| 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 9/14/2021 at 10:26 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.

# Attachment B

## Laboratory Analytical Reports and Chain-of-Custody Documentation



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

May 28, 2021

Tom Larson

GHD

6121 Indian School Road, NE #200

Albuquerque, NM 87110

TEL: (505) 884-0672

FAX

RE: Yates As Fee Battery

OrderNo.: 2105949

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 27 sample(s) on 5/21/2021 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

Andy Freeman

Laboratory Manager

4901 Hawkins NE

Albuquerque, NM 87109

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-001

Collection Date: 5/19/2021 7:50:00 AM

Client Sample ID: TP1-2

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 900    | 60     |      | mg/Kg | 20 | 5/24/2021 5:06:31 PM | 60211               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 46     | 9.9    |      | mg/Kg | 1  | 5/24/2021 8:16:16 PM | 60191               |
| Motor Oil Range Organics (MRO)                   | 150    | 50     |      | mg/Kg | 1  | 5/24/2021 8:16:16 PM | 60191               |
| Surr: DNOP                                       | 139    | 70-130 | S    | %Rec  | 1  | 5/24/2021 8:16:16 PM | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 5/24/2021 2:58:23 PM | 60185               |
| Surr: BFB  | 88.6   | 70-130 |      | %Rec  | 1  | 5/24/2021 2:58:23 PM | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/24/2021 2:58:23 PM | 60185               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 5/24/2021 2:58:23 PM | 60185               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 5/24/2021 2:58:23 PM | 60185               |
| Xylenes, Total                                   | ND     | 0.096  |      | mg/Kg | 1  | 5/24/2021 2:58:23 PM | 60185               |
| Surr: 4-Bromofluorobenzene                       | 99.3   | 70-130 |      | %Rec  | 1  | 5/24/2021 2:58:23 PM | 60185               |

Lab ID: 2105949-002

Collection Date: 5/19/2021 7:55:00 AM

Client Sample ID: TP1-4

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 1000   | 60     |      | mg/Kg | 20 | 5/25/2021 2:10:05 PM  | 60237               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | 720    | 200    |      | mg/Kg | 20 | 5/22/2021 12:45:18 PM | 60191               |
| Motor Oil Range Organics (MRO)                   | 1700   | 980    |      | mg/Kg | 20 | 5/22/2021 12:45:18 PM | 60191               |
| Surr: DNOP                                       | 0      | 70-130 | S    | %Rec  | 20 | 5/22/2021 12:45:18 PM | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 5/24/2021 4:32:36 PM  | 60185               |
| Surr: BFB  | 87.6   | 70-130 |      | %Rec  | 1  | 5/24/2021 4:32:36 PM  | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 5/24/2021 4:32:36 PM  | 60185               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 4:32:36 PM  | 60185               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 4:32:36 PM  | 60185               |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 5/24/2021 4:32:36 PM  | 60185               |
| Surr: 4-Bromofluorobenzene                       | 98.3   | 70-130 |      | %Rec  | 1  | 5/24/2021 4:32:36 PM  | 60185               |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 26

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-003

Collection Date: 5/19/2021 8:00:00 AM

Client Sample ID: TP2-2

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 1000   | 60     |      | mg/Kg | 20 | 5/25/2021 2:22:29 PM  | 60237               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 53     | 9.5    |      | mg/Kg | 1  | 5/25/2021 11:30:07 AM | 60191               |
| Motor Oil Range Organics (MRO)                   | 330    | 47     |      | mg/Kg | 1  | 5/25/2021 11:30:07 AM | 60191               |
| Surr: DNOP                                       | 129    | 70-130 |      | %Rec  | 1  | 5/25/2021 11:30:07 AM | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 5/24/2021 4:56:11 PM  | 60185               |
| Surr: BFB  | 88.1   | 70-130 |      | %Rec  | 1  | 5/24/2021 4:56:11 PM  | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/24/2021 4:56:11 PM  | 60185               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 4:56:11 PM  | 60185               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 4:56:11 PM  | 60185               |
| Xylenes, Total                                   | ND     | 0.097  |      | mg/Kg | 1  | 5/24/2021 4:56:11 PM  | 60185               |
| Surr: 4-Bromofluorobenzene                       | 99.5   | 70-130 |      | %Rec  | 1  | 5/24/2021 4:56:11 PM  | 60185               |

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

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

Page 2 of 26

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-004

Collection Date: 5/19/2021 8:10:00 AM

Client Sample ID: TP2-4

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 220    | 60     |      | mg/Kg | 20 | 5/25/2021 2:34:53 PM | 60237               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 290    | 86     |      | mg/Kg | 10 | 5/24/2021 7:36:20 PM | 60191               |
| Motor Oil Range Organics (MRO)                   | 940    | 430    |      | mg/Kg | 10 | 5/24/2021 7:36:20 PM | 60191               |
| Surr: DNOP                                       | 0      | 70-130 | S    | %Rec  | 10 | 5/24/2021 7:36:20 PM | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 5/24/2021 5:19:41 PM | 60185               |
| Surr: BFB  | 87.9   | 70-130 |      | %Rec  | 1  | 5/24/2021 5:19:41 PM | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/24/2021 5:19:41 PM | 60185               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 5:19:41 PM | 60185               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 5:19:41 PM | 60185               |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 5/24/2021 5:19:41 PM | 60185               |
| Surr: 4-Bromofluorobenzene                       | 98.3   | 70-130 |      | %Rec  | 1  | 5/24/2021 5:19:41 PM | 60185               |

Lab ID: 2105949-005

Collection Date: 5/19/2021 8:50:00 AM

Client Sample ID: TP3-11

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 1900   | 61     |      | mg/Kg | 20 | 5/25/2021 2:47:18 PM | 60237               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.4    |      | mg/Kg | 1  | 5/22/2021 1:15:21 PM | 60191               |
| Motor Oil Range Organics (MRO)                   | ND     | 47     |      | mg/Kg | 1  | 5/22/2021 1:15:21 PM | 60191               |
| Surr: DNOP                                       | 87.4   | 70-130 |      | %Rec  | 1  | 5/22/2021 1:15:21 PM | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.6    |      | mg/Kg | 1  | 5/24/2021 5:43:33 PM | 60185               |
| Surr: BFB  | 88.6   | 70-130 |      | %Rec  | 1  | 5/24/2021 5:43:33 PM | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.023  |      | mg/Kg | 1  | 5/24/2021 5:43:33 PM | 60185               |
| Toluene  | ND     | 0.046  |      | mg/Kg | 1  | 5/24/2021 5:43:33 PM | 60185               |
| Ethylbenzene                                     | ND     | 0.046  |      | mg/Kg | 1  | 5/24/2021 5:43:33 PM | 60185               |
| Xylenes, Total                                   | ND     | 0.092  |      | mg/Kg | 1  | 5/24/2021 5:43:33 PM | 60185               |
| Surr: 4-Bromofluorobenzene                       | 98.3   | 70-130 |      | %Rec  | 1  | 5/24/2021 5:43:33 PM | 60185               |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 3 of 26

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-006

Collection Date: 5/19/2021 8:55:00 AM

Client Sample ID: TP3-14

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 1300   | 60     |      | mg/Kg | 20 | 5/25/2021 10:13:52 PM | 60253               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 20     | 9.4    |      | mg/Kg | 1  | 5/24/2021 8:36:23 PM  | 60191               |
| Motor Oil Range Organics (MRO)                   | 57     | 47     |      | mg/Kg | 1  | 5/24/2021 8:36:23 PM  | 60191               |
| Surr: DNOP                                       | 98.9   | 70-130 |      | %Rec  | 1  | 5/24/2021 8:36:23 PM  | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 5/24/2021 6:07:05 PM  | 60185               |
| Surr: BFB  | 91.4   | 70-130 |      | %Rec  | 1  | 5/24/2021 6:07:05 PM  | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/24/2021 6:07:05 PM  | 60185               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 5/24/2021 6:07:05 PM  | 60185               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 5/24/2021 6:07:05 PM  | 60185               |
| Xylenes, Total                                   | ND     | 0.096  |      | mg/Kg | 1  | 5/24/2021 6:07:05 PM  | 60185               |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130 |      | %Rec  | 1  | 5/24/2021 6:07:05 PM  | 60185               |

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

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

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-007

Collection Date: 5/19/2021 9:00:00 AM

Client Sample ID: TP4-2

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | ND     | 60     |      | mg/Kg | 20 | 5/25/2021 10:26:16 PM | 60253               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 50     | 9.0    |      | mg/Kg | 1  | 5/24/2021 8:56:22 PM  | 60191               |
| Motor Oil Range Organics (MRO)                   | 180    | 45     |      | mg/Kg | 1  | 5/24/2021 8:56:22 PM  | 60191               |
| Surr: DNOP                                       | 105    | 70-130 |      | %Rec  | 1  | 5/24/2021 8:56:22 PM  | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 5/24/2021 6:30:34 PM  | 60185               |
| Surr: BFB  | 91.4   | 70-130 |      | %Rec  | 1  | 5/24/2021 6:30:34 PM  | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 5/24/2021 6:30:34 PM  | 60185               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 6:30:34 PM  | 60185               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 6:30:34 PM  | 60185               |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 5/24/2021 6:30:34 PM  | 60185               |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130 |      | %Rec  | 1  | 5/24/2021 6:30:34 PM  | 60185               |

Lab ID: 2105949-008

Collection Date: 5/19/2021 9:10:00 AM

Client Sample ID: TP5-4

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 620    | 60     |      | mg/Kg | 20 | 5/25/2021 11:03:30 PM | 60253               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.9    |      | mg/Kg | 1  | 5/22/2021 1:45:12 PM  | 60191               |
| Motor Oil Range Organics (MRO)                   | ND     | 50     |      | mg/Kg | 1  | 5/22/2021 1:45:12 PM  | 60191               |
| Surr: DNOP                                       | 119    | 70-130 |      | %Rec  | 1  | 5/22/2021 1:45:12 PM  | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1  | 5/24/2021 6:54:25 PM  | 60185               |
| Surr: BFB  | 92.0   | 70-130 |      | %Rec  | 1  | 5/24/2021 6:54:25 PM  | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 5/24/2021 6:54:25 PM  | 60185               |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1  | 5/24/2021 6:54:25 PM  | 60185               |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1  | 5/24/2021 6:54:25 PM  | 60185               |
| Xylenes, Total                                   | ND     | 0.10   |      | mg/Kg | 1  | 5/24/2021 6:54:25 PM  | 60185               |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130 |      | %Rec  | 1  | 5/24/2021 6:54:25 PM  | 60185               |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 26

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-009

Collection Date: 5/19/2021 9:15:00 AM

Client Sample ID: TP5-6

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 930    | 60     |      | mg/Kg | 20 | 5/25/2021 11:15:54 PM | 60253               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 320    | 49     |      | mg/Kg | 5  | 5/24/2021 7:56:15 PM  | 60191               |
| Motor Oil Range Organics (MRO)                   | 760    | 240    |      | mg/Kg | 5  | 5/24/2021 7:56:15 PM  | 60191               |
| Surr: DNOP                                       | 108    | 70-130 |      | %Rec  | 5  | 5/24/2021 7:56:15 PM  | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 5/24/2021 7:18:01 PM  | 60185               |
| Surr: BFB  | 90.3   | 70-130 |      | %Rec  | 1  | 5/24/2021 7:18:01 PM  | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/24/2021 7:18:01 PM  | 60185               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 5/24/2021 7:18:01 PM  | 60185               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 5/24/2021 7:18:01 PM  | 60185               |
| Xylenes, Total                                   | ND     | 0.097  |      | mg/Kg | 1  | 5/24/2021 7:18:01 PM  | 60185               |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130 |      | %Rec  | 1  | 5/24/2021 7:18:01 PM  | 60185               |

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

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

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-010

Collection Date: 5/19/2021 9:30:00 AM

Client Sample ID: TP6-8

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 2200   | 60     |      | mg/Kg | 20 | 5/25/2021 11:28:18 PM | 60253               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.6    |      | mg/Kg | 1  | 5/22/2021 2:05:17 PM  | 60191               |
| Motor Oil Range Organics (MRO)                   | ND     | 48     |      | mg/Kg | 1  | 5/22/2021 2:05:17 PM  | 60191               |
| Surr: DNOP                                       | 116    | 70-130 |      | %Rec  | 1  | 5/22/2021 2:05:17 PM  | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 5/24/2021 7:41:29 PM  | 60185               |
| Surr: BFB  | 89.9   | 70-130 |      | %Rec  | 1  | 5/24/2021 7:41:29 PM  | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/24/2021 7:41:29 PM  | 60185               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 7:41:29 PM  | 60185               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 7:41:29 PM  | 60185               |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 5/24/2021 7:41:29 PM  | 60185               |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130 |      | %Rec  | 1  | 5/24/2021 7:41:29 PM  | 60185               |

Lab ID: 2105949-011

Collection Date: 5/19/2021 9:35:00 AM

Client Sample ID: TP6-10

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 1500   | 60     |      | mg/Kg | 20 | 5/25/2021 11:40:42 PM | 60253               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.5    |      | mg/Kg | 1  | 5/22/2021 2:15:43 PM  | 60191               |
| Motor Oil Range Organics (MRO)                   | ND     | 47     |      | mg/Kg | 1  | 5/22/2021 2:15:43 PM  | 60191               |
| Surr: DNOP                                       | 100    | 70-130 |      | %Rec  | 1  | 5/22/2021 2:15:43 PM  | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 5/24/2021 8:04:55 PM  | 60185               |
| Surr: BFB  | 92.0   | 70-130 |      | %Rec  | 1  | 5/24/2021 8:04:55 PM  | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/24/2021 8:04:55 PM  | 60185               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 5/24/2021 8:04:55 PM  | 60185               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 5/24/2021 8:04:55 PM  | 60185               |
| Xylenes, Total                                   | ND     | 0.096  |      | mg/Kg | 1  | 5/24/2021 8:04:55 PM  | 60185               |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130 |      | %Rec  | 1  | 5/24/2021 8:04:55 PM  | 60185               |

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

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

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-012

Collection Date: 5/19/2021 9:45:00 AM

Client Sample ID: TP7-2

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 450    | 60     |      | mg/Kg | 20 | 5/25/2021 11:53:06 PM | 60253               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.0    |      | mg/Kg | 1  | 5/22/2021 2:26:11 PM  | 60191               |
| Motor Oil Range Organics (MRO)                   | ND     | 45     |      | mg/Kg | 1  | 5/22/2021 2:26:11 PM  | 60191               |
| Surr: DNOP                                       | 127    | 70-130 |      | %Rec  | 1  | 5/22/2021 2:26:11 PM  | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 5/24/2021 9:15:51 PM  | 60185               |
| Surr: BFB  | 89.6   | 70-130 |      | %Rec  | 1  | 5/24/2021 9:15:51 PM  | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/24/2021 9:15:51 PM  | 60185               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 9:15:51 PM  | 60185               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 9:15:51 PM  | 60185               |
| Xylenes, Total                                   | ND     | 0.097  |      | mg/Kg | 1  | 5/24/2021 9:15:51 PM  | 60185               |
| Surr: 4-Bromofluorobenzene                       | 99.3   | 70-130 |      | %Rec  | 1  | 5/24/2021 9:15:51 PM  | 60185               |

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

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

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-013

Collection Date: 5/19/2021 9:50:00 AM

Client Sample ID: TP7-4

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 380    | 60     |      | mg/Kg | 20 | 5/26/2021 8:38:48 AM | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.5    |      | mg/Kg | 1  | 5/22/2021 2:36:44 PM | 60191               |
| Motor Oil Range Organics (MRO)                   | ND     | 48     |      | mg/Kg | 1  | 5/22/2021 2:36:44 PM | 60191               |
| Surr: DNOP                                       | 123    | 70-130 |      | %Rec  | 1  | 5/22/2021 2:36:44 PM | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 5/24/2021 9:39:30 PM | 60185               |
| Surr: BFB  | 89.7   | 70-130 |      | %Rec  | 1  | 5/24/2021 9:39:30 PM | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 5/24/2021 9:39:30 PM | 60185               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 9:39:30 PM | 60185               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 9:39:30 PM | 60185               |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 5/24/2021 9:39:30 PM | 60185               |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130 |      | %Rec  | 1  | 5/24/2021 9:39:30 PM | 60185               |

Lab ID: 2105949-014

Collection Date: 5/19/2021 9:55:00 AM

Client Sample ID: TP8-2

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 1100   | 60     |      | mg/Kg | 20 | 5/26/2021 8:51:13 AM  | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.4    |      | mg/Kg | 1  | 5/22/2021 2:47:18 PM  | 60191               |
| Motor Oil Range Organics (MRO)                   | ND     | 47     |      | mg/Kg | 1  | 5/22/2021 2:47:18 PM  | 60191               |
| Surr: DNOP                                       | 114    | 70-130 |      | %Rec  | 1  | 5/22/2021 2:47:18 PM  | 60191               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 5/24/2021 10:03:09 PM | 60185               |
| Surr: BFB  | 87.2   | 70-130 |      | %Rec  | 1  | 5/24/2021 10:03:09 PM | 60185               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/24/2021 10:03:09 PM | 60185               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 10:03:09 PM | 60185               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 5/24/2021 10:03:09 PM | 60185               |
| Xylenes, Total                                   | ND     | 0.097  |      | mg/Kg | 1  | 5/24/2021 10:03:09 PM | 60185               |
| Surr: 4-Bromofluorobenzene                       | 97.3   | 70-130 |      | %Rec  | 1  | 5/24/2021 10:03:09 PM | 60185               |

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

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

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-015

Collection Date: 5/19/2021 10:00:00 AM

Client Sample ID: TP8-4

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 670    | 61     |      | mg/Kg | 20 | 5/26/2021 9:28:26 AM | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.7    |      | mg/Kg | 1  | 5/22/2021 3:28:03 PM | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 49     |      | mg/Kg | 1  | 5/22/2021 3:28:03 PM | 60192               |
| Surr: DNOP                                       | 95.4   | 70-130 |      | %Rec  | 1  | 5/22/2021 3:28:03 PM | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1  | 5/25/2021 4:18:13 PM | 60188               |
| Surr: BFB  | 91.2   | 70-130 |      | %Rec  | 1  | 5/25/2021 4:18:13 PM | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 5/25/2021 4:18:13 PM | 60188               |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1  | 5/25/2021 4:18:13 PM | 60188               |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1  | 5/25/2021 4:18:13 PM | 60188               |
| Xylenes, Total                                   | ND     | 0.10   |      | mg/Kg | 1  | 5/25/2021 4:18:13 PM | 60188               |
| Surr: 4-Bromofluorobenzene                       | 102    | 70-130 |      | %Rec  | 1  | 5/25/2021 4:18:13 PM | 60188               |

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

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

Page 10 of 26

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-016

Collection Date: 5/19/2021 10:05:00 AM

Client Sample ID: TP9-2

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 460    | 60     |      | mg/Kg | 20 | 5/26/2021 10:05:39 AM | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.6    |      | mg/Kg | 1  | 5/22/2021 3:58:23 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 48     |      | mg/Kg | 1  | 5/22/2021 3:58:23 PM  | 60192               |
| Surr: DNOP                                       | 87.4   | 70-130 |      | %Rec  | 1  | 5/22/2021 3:58:23 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 5/25/2021 5:28:39 PM  | 60188               |
| Surr: BFB  | 89.8   | 70-130 |      | %Rec  | 1  | 5/25/2021 5:28:39 PM  | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 5/25/2021 5:28:39 PM  | 60188               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 5/25/2021 5:28:39 PM  | 60188               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 5/25/2021 5:28:39 PM  | 60188               |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 5/25/2021 5:28:39 PM  | 60188               |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130 |      | %Rec  | 1  | 5/25/2021 5:28:39 PM  | 60188               |

Lab ID: 2105949-017

Collection Date: 5/19/2021 10:40:00 AM

Client Sample ID: TP10-8

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 1300   | 60     |      | mg/Kg | 20 | 5/26/2021 10:42:52 AM | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 8.4    |      | mg/Kg | 1  | 5/22/2021 4:08:26 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 42     |      | mg/Kg | 1  | 5/22/2021 4:08:26 PM  | 60192               |
| Surr: DNOP                                       | 101    | 70-130 |      | %Rec  | 1  | 5/22/2021 4:08:26 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 5/25/2021 6:39:29 PM  | 60188               |
| Surr: BFB  | 91.9   | 70-130 |      | %Rec  | 1  | 5/25/2021 6:39:29 PM  | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/25/2021 6:39:29 PM  | 60188               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 5/25/2021 6:39:29 PM  | 60188               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 5/25/2021 6:39:29 PM  | 60188               |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 5/25/2021 6:39:29 PM  | 60188               |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130 |      | %Rec  | 1  | 5/25/2021 6:39:29 PM  | 60188               |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 11 of 26

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-018

Collection Date: 5/19/2021 10:45:00 AM

Client Sample ID: TP10-10

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 620    | 60     |      | mg/Kg | 20 | 5/26/2021 10:55:17 AM | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 8.8    |      | mg/Kg | 1  | 5/22/2021 4:18:28 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 44     |      | mg/Kg | 1  | 5/22/2021 4:18:28 PM  | 60192               |
| Surr: DNOP                                       | 97.7   | 70-130 |      | %Rec  | 1  | 5/22/2021 4:18:28 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 5/25/2021 7:02:56 PM  | 60188               |
| Surr: BFB  | 91.3   | 70-130 |      | %Rec  | 1  | 5/25/2021 7:02:56 PM  | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/25/2021 7:02:56 PM  | 60188               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 5/25/2021 7:02:56 PM  | 60188               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 5/25/2021 7:02:56 PM  | 60188               |
| Xylenes, Total                                   | ND     | 0.096  |      | mg/Kg | 1  | 5/25/2021 7:02:56 PM  | 60188               |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130 |      | %Rec  | 1  | 5/25/2021 7:02:56 PM  | 60188               |

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

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

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-019

Collection Date: 5/19/2021 10:50:00 AM

Client Sample ID: TP11-2

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 620    | 60     |      | mg/Kg | 20 | 5/26/2021 11:07:41 AM | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | 720    | 91     |      | mg/Kg | 10 | 5/22/2021 4:28:29 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | 650    | 450    |      | mg/Kg | 10 | 5/22/2021 4:28:29 PM  | 60192               |
| Surr: DNOP                                       | 0      | 70-130 | S    | %Rec  | 10 | 5/22/2021 4:28:29 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 25     | D    | mg/Kg | 5  | 5/25/2021 7:26:29 PM  | 60188               |
| Surr: BFB  | 92.2   | 70-130 | D    | %Rec  | 5  | 5/25/2021 7:26:29 PM  | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.12   | D    | mg/Kg | 5  | 5/25/2021 7:26:29 PM  | 60188               |
| Toluene  | ND     | 0.25   | D    | mg/Kg | 5  | 5/25/2021 7:26:29 PM  | 60188               |
| Ethylbenzene                                     | ND     | 0.25   | D    | mg/Kg | 5  | 5/25/2021 7:26:29 PM  | 60188               |
| Xylenes, Total                                   | ND     | 0.49   | D    | mg/Kg | 5  | 5/25/2021 7:26:29 PM  | 60188               |
| Surr: 4-Bromofluorobenzene                       | 102    | 70-130 | D    | %Rec  | 5  | 5/25/2021 7:26:29 PM  | 60188               |

Lab ID: 2105949-020

Collection Date: 5/19/2021 10:55:00 AM

Client Sample ID: TP11-4

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 870    | 60     |      | mg/Kg | 20 | 5/26/2021 11:20:06 AM | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.7    |      | mg/Kg | 1  | 5/22/2021 4:38:28 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 48     |      | mg/Kg | 1  | 5/22/2021 4:38:28 PM  | 60192               |
| Surr: DNOP                                       | 93.5   | 70-130 |      | %Rec  | 1  | 5/22/2021 4:38:28 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 5/25/2021 7:50:02 PM  | 60188               |
| Surr: BFB  | 91.7   | 70-130 |      | %Rec  | 1  | 5/25/2021 7:50:02 PM  | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/25/2021 7:50:02 PM  | 60188               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 5/25/2021 7:50:02 PM  | 60188               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 5/25/2021 7:50:02 PM  | 60188               |
| Xylenes, Total                                   | ND     | 0.096  |      | mg/Kg | 1  | 5/25/2021 7:50:02 PM  | 60188               |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130 |      | %Rec  | 1  | 5/25/2021 7:50:02 PM  | 60188               |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 13 of 26

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-021

Collection Date: 5/19/2021 11:30:00 AM

Client Sample ID: TP12-13

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF  | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|-----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |     |                      | Analyst: <b>VP</b>  |
| Chloride   | 5400   | 300    |      | mg/Kg | 100 | 5/26/2021 9:03:09 PM | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |     |                      | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.6    |      | mg/Kg | 1   | 5/22/2021 4:48:27 PM | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 48     |      | mg/Kg | 1   | 5/22/2021 4:48:27 PM | 60192               |
| Surr: DNOP                                       | 99.9   | 70-130 |      | %Rec  | 1   | 5/22/2021 4:48:27 PM | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |     |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1   | 5/25/2021 8:13:46 PM | 60188               |
| Surr: BFB  | 91.5   | 70-130 |      | %Rec  | 1   | 5/25/2021 8:13:46 PM | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |     |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1   | 5/25/2021 8:13:46 PM | 60188               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1   | 5/25/2021 8:13:46 PM | 60188               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1   | 5/25/2021 8:13:46 PM | 60188               |
| Xylenes, Total                                   | ND     | 0.099  |      | mg/Kg | 1   | 5/25/2021 8:13:46 PM | 60188               |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130 |      | %Rec  | 1   | 5/25/2021 8:13:46 PM | 60188               |

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

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

Page 14 of 26

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-022

Collection Date: 5/19/2021 11:35:00 AM

Client Sample ID: TP13-2

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 110    | 60     |      | mg/Kg | 20 | 5/26/2021 11:44:55 AM | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.1    |      | mg/Kg | 1  | 5/22/2021 4:58:24 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 46     |      | mg/Kg | 1  | 5/22/2021 4:58:24 PM  | 60192               |
| Surr: DNOP                                       | 84.8   | 70-130 |      | %Rec  | 1  | 5/22/2021 4:58:24 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.6    |      | mg/Kg | 1  | 5/25/2021 9:47:24 PM  | 60188               |
| Surr: BFB  | 89.8   | 70-130 |      | %Rec  | 1  | 5/25/2021 9:47:24 PM  | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.023  |      | mg/Kg | 1  | 5/25/2021 9:47:24 PM  | 60188               |
| Toluene  | ND     | 0.046  |      | mg/Kg | 1  | 5/25/2021 9:47:24 PM  | 60188               |
| Ethylbenzene                                     | ND     | 0.046  |      | mg/Kg | 1  | 5/25/2021 9:47:24 PM  | 60188               |
| Xylenes, Total                                   | ND     | 0.092  |      | mg/Kg | 1  | 5/25/2021 9:47:24 PM  | 60188               |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130 |      | %Rec  | 1  | 5/25/2021 9:47:24 PM  | 60188               |

Lab ID: 2105949-023

Collection Date: 5/19/2021 11:55:00 AM

Client Sample ID: TP14-13

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 3500   | 150    |      | mg/Kg | 50 | 5/26/2021 9:15:34 PM  | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.6    |      | mg/Kg | 1  | 5/22/2021 5:08:18 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 48     |      | mg/Kg | 1  | 5/22/2021 5:08:18 PM  | 60192               |
| Surr: DNOP                                       | 102    | 70-130 |      | %Rec  | 1  | 5/22/2021 5:08:18 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1  | 5/25/2021 10:10:48 PM | 60188               |
| Surr: BFB  | 90.1   | 70-130 |      | %Rec  | 1  | 5/25/2021 10:10:48 PM | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 5/25/2021 10:10:48 PM | 60188               |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1  | 5/25/2021 10:10:48 PM | 60188               |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1  | 5/25/2021 10:10:48 PM | 60188               |
| Xylenes, Total                                   | ND     | 0.10   |      | mg/Kg | 1  | 5/25/2021 10:10:48 PM | 60188               |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130 |      | %Rec  | 1  | 5/25/2021 10:10:48 PM | 60188               |

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

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

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-024

Collection Date: 5/19/2021 12:00:00 PM

Client Sample ID: TP15-2

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | ND     | 60     |      | mg/Kg | 20 | 5/26/2021 12:09:43 PM | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.8    |      | mg/Kg | 1  | 5/22/2021 5:18:12 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 49     |      | mg/Kg | 1  | 5/22/2021 5:18:12 PM  | 60192               |
| Surr: DNOP                                       | 76.1   | 70-130 |      | %Rec  | 1  | 5/22/2021 5:18:12 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 5/25/2021 10:34:09 PM | 60188               |
| Surr: BFB  | 92.4   | 70-130 |      | %Rec  | 1  | 5/25/2021 10:34:09 PM | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 5/25/2021 10:34:09 PM | 60188               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 5/25/2021 10:34:09 PM | 60188               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 5/25/2021 10:34:09 PM | 60188               |
| Xylenes, Total                                   | ND     | 0.096  |      | mg/Kg | 1  | 5/25/2021 10:34:09 PM | 60188               |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130 |      | %Rec  | 1  | 5/25/2021 10:34:09 PM | 60188               |

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

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

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-025

Collection Date: 5/19/2021 12:30:00 PM

Client Sample ID: TP16-10

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 4500   | 150    |      | mg/Kg | 50 | 5/26/2021 9:27:58 PM  | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.4    |      | mg/Kg | 1  | 5/22/2021 5:28:04 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 47     |      | mg/Kg | 1  | 5/22/2021 5:28:04 PM  | 60192               |
| Surr: DNOP                                       | 104    | 70-130 |      | %Rec  | 1  | 5/22/2021 5:28:04 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1  | 5/25/2021 10:57:36 PM | 60188               |
| Surr: BFB  | 90.3   | 70-130 |      | %Rec  | 1  | 5/25/2021 10:57:36 PM | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 5/25/2021 10:57:36 PM | 60188               |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1  | 5/25/2021 10:57:36 PM | 60188               |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1  | 5/25/2021 10:57:36 PM | 60188               |
| Xylenes, Total                                   | ND     | 0.099  |      | mg/Kg | 1  | 5/25/2021 10:57:36 PM | 60188               |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130 |      | %Rec  | 1  | 5/25/2021 10:57:36 PM | 60188               |

Lab ID: 2105949-026

Collection Date: 5/19/2021 12:35:00 PM

Client Sample ID: TP16-13

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 4700   | 150    |      | mg/Kg | 50 | 5/26/2021 9:40:22 PM  | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.4    |      | mg/Kg | 1  | 5/22/2021 5:37:58 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 47     |      | mg/Kg | 1  | 5/22/2021 5:37:58 PM  | 60192               |
| Surr: DNOP                                       | 103    | 70-130 |      | %Rec  | 1  | 5/22/2021 5:37:58 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7    |      | mg/Kg | 1  | 5/25/2021 11:21:15 PM | 60188               |
| Surr: BFB  | 91.3   | 70-130 |      | %Rec  | 1  | 5/25/2021 11:21:15 PM | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.023  |      | mg/Kg | 1  | 5/25/2021 11:21:15 PM | 60188               |
| Toluene  | ND     | 0.047  |      | mg/Kg | 1  | 5/25/2021 11:21:15 PM | 60188               |
| Ethylbenzene                                     | ND     | 0.047  |      | mg/Kg | 1  | 5/25/2021 11:21:15 PM | 60188               |
| Xylenes, Total                                   | ND     | 0.094  |      | mg/Kg | 1  | 5/25/2021 11:21:15 PM | 60188               |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130 |      | %Rec  | 1  | 5/25/2021 11:21:15 PM | 60188               |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 17 of 26

## Analytical Report

Lab Order: 2105949

Date Reported: 5/28/2021

## Hall Environmental Analysis Laboratory, Inc.

CLIENT: GHD

Lab Order: 2105949

Project: Yates As Fee Battery

Lab ID: 2105949-027

Collection Date: 5/19/2021 12:45:00 PM

Client Sample ID: TP17-2

Matrix: SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 580    | 60     |      | mg/Kg | 20 | 5/26/2021 1:11:44 PM  | 60262               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>mb</b>  |
| Diesel Range Organics (DRO)                      | ND     | 10     |      | mg/Kg | 1  | 5/22/2021 5:47:52 PM  | 60192               |
| Motor Oil Range Organics (MRO)                   | ND     | 50     |      | mg/Kg | 1  | 5/22/2021 5:47:52 PM  | 60192               |
| Surr: DNOP                                       | 90.7   | 70-130 |      | %Rec  | 1  | 5/22/2021 5:47:52 PM  | 60192               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.6    |      | mg/Kg | 1  | 5/25/2021 11:44:57 PM | 60188               |
| Surr: BFB  | 88.8   | 70-130 |      | %Rec  | 1  | 5/25/2021 11:44:57 PM | 60188               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.023  |      | mg/Kg | 1  | 5/25/2021 11:44:57 PM | 60188               |
| Toluene  | ND     | 0.046  |      | mg/Kg | 1  | 5/25/2021 11:44:57 PM | 60188               |
| Ethylbenzene                                     | ND     | 0.046  |      | mg/Kg | 1  | 5/25/2021 11:44:57 PM | 60188               |
| Xylenes, Total                                   | ND     | 0.092  |      | mg/Kg | 1  | 5/25/2021 11:44:57 PM | 60188               |
| Surr: 4-Bromofluorobenzene                       | 98.0   | 70-130 |      | %Rec  | 1  | 5/25/2021 11:44:57 PM | 60188               |

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

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

Page 18 of 26

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2105949

28-May-21

**Client:** GHD  
**Project:** Yates As Fee Battery

| Sample ID: <b>MB-60211</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>60211</b>          | RunNo: <b>77619</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/24/2021</b> | Analysis Date: <b>5/24/2021</b> | SeqNo: <b>2755203</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | ND                              | 1.5                                       |           |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-60211</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>60211</b>          | RunNo: <b>77619</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/24/2021</b> | Analysis Date: <b>5/24/2021</b> | SeqNo: <b>2755204</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | 14                              | 1.5                                       | 15.00     | 0           | 93.7 | 90       | 110       |      |          |      |

| Sample ID: <b>MB-60237</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>60237</b>          | RunNo: <b>77623</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/25/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756623</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | ND                              | 1.5                                       |           |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-60237</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>60237</b>          | RunNo: <b>77623</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/25/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756624</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | 14                              | 1.5                                       | 15.00     | 0           | 91.6 | 90       | 110       |      |          |      |

| Sample ID: <b>MB-60253</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>60253</b>          | RunNo: <b>77623</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/25/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756664</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | ND                              | 1.5                                       |           |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-60253</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>60253</b>          | RunNo: <b>77623</b>                       |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/25/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756665</b> Units: <b>mg/Kg</b> |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | 14                              | 1.5                                       | 15.00     | 0           | 94.2 | 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

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 19 of 26

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2105949

28-May-21

**Client:** GHD  
**Project:** Yates As Fee Battery

| Sample ID: <b>MB-60262</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>60262</b>          | RunNo: <b>77685</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>5/26/2021</b> | Analysis Date: <b>5/26/2021</b> | SeqNo: <b>2757775</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | ND                              | 1.5                                       |                     |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-60262</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>60262</b>          | RunNo: <b>77685</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>5/26/2021</b> | Analysis Date: <b>5/26/2021</b> | SeqNo: <b>2757776</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | 14                              | 1.5                                       | 15.00               | 0           | 93.4 | 90       | 110       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 20 of 26

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2105949

28-May-21

**Client:** GHD  
**Project:** Yates As Fee Battery

| Sample ID: <b>MB-60191</b>     | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>60191</b>          | RunNo: <b>77590</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b>    | Analysis Date: <b>5/22/2021</b> | SeqNo: <b>2753997</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| 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                     | 13                              |  | 10.00     |             | 128  | 70       | 130       |      |          |      |

| Sample ID: <b>MB-60192</b>     | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>60192</b>          | RunNo: <b>77590</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b>    | Analysis Date: <b>5/22/2021</b> | SeqNo: <b>2753998</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                        | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                              | 10   |           |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                              | 50   |           |             |      |          |           |      |          |      |
| Surr: DNOP                     | 9.2                             |  | 10.00     |             | 92.2 | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-60191</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>60191</b>          | RunNo: <b>77590</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b> | Analysis Date: <b>5/22/2021</b> | SeqNo: <b>2754004</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 64                              | 10   | 50.00     | 0           | 127  | 68.9     | 141       |      |          |      |
| Surr: DNOP                  | 7.2                             |  | 5.000     |             | 145  | 70       | 130       |      |          | S    |

| Sample ID: <b>LCS-60192</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>60192</b>          | RunNo: <b>77590</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b> | Analysis Date: <b>5/22/2021</b> | SeqNo: <b>2754005</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 46                              | 10   | 50.00     | 0           | 91.4 | 68.9     | 141       |      |          |      |
| Surr: DNOP                  | 4.3                             |  | 5.000     |             | 86.9 | 70       | 130       |      |          |      |

| Sample ID: <b>2105949-015AMS</b> | SampType: <b>MS</b>             | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|----------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>TP8-4</b>          | Batch ID: <b>60192</b>          | RunNo: <b>77590</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b>      | Analysis Date: <b>5/22/2021</b> | SeqNo: <b>2754009</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                          | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)      | 41                              | 9.9  | 49.36     | 0           | 82.2 | 15       | 184       |      |          |      |
| Surr: DNOP                       | 4.0                             |  | 4.936     |             | 80.4 | 70       | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 21 of 26

QC SUMMARY REPORT  
Hall Environmental Analysis Laboratory, Inc.

WO#: 2105949  
28-May-21

Client: GHD  
Project: Yates As Fee Battery

|                             |        |                          |           |   |      |              |           |      |          |      |
|-----------------------------|--------|--------------------------|-----------|---|------|--------------|-----------|------|----------|------|
| Sample ID: 2105949-015AMSD  |        | SampType: MSD            |           | TestCode: EPA Method 8015M/D: Diesel Range Organics |      |              |           |      |          |      |
| Client ID: TP8-4            |        | Batch ID: 60192          |           | RunNo: 77590  |      |              |           |      |          |      |
| Prep Date: 5/21/2021        |        | Analysis Date: 5/22/2021 |           | SeqNo: 2754012                                      |      | Units: mg/Kg |           |      |          |      |
| Analyte                     | Result | PQL                      | SPK value | SPK Ref Val   | %REC | LowLimit     | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 42     | 9.4                      | 46.99     | 0   | 89.7 | 15           | 184       | 3.74 | 23.9     |      |
| Surr: DNOP                  | 4.2    |                          | 4.699     |   | 90.4 | 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
- B

Analyte detected in the associated Method Blank
- E

Value above quantitation range
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2105949

28-May-21

**Client:** GHD  
**Project:** Yates As Fee Battery

| Sample ID: <b>mb-60185</b>    | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-------------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>60185</b>          | RunNo: <b>77617</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b>   | Analysis Date: <b>5/24/2021</b> | SeqNo: <b>2755051</b> Units: <b>mg/Kg</b>         |           |             |      |          |           |      |          |      |
| 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 | 70       | 130       |      |          |      |

| Sample ID: <b>lcs-60185</b>   | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-------------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>60185</b>          | RunNo: <b>77617</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b>   | Analysis Date: <b>5/24/2021</b> | SeqNo: <b>2755052</b> Units: <b>mg/Kg</b>         |           |             |      |          |           |      |          |      |
| Analyte                       | Result                          | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24                              | 5.0   | 25.00     | 0           | 95.4 | 78.6     | 131       |      |          |      |
| Surr: BFB                     | 1000                            |   | 1000      |             | 100  | 70       | 130       |      |          |      |

| Sample ID: <b>mb-60213</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>60213</b>          | RunNo: <b>77631</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/24/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756716</b> Units: <b>%Rec</b>          |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB                   | 900                             |   | 1000      |             | 90.4 | 70       | 130       |      |          |      |

| Sample ID: <b>lcs-60213</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>60213</b>          | RunNo: <b>77631</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/24/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756717</b> Units: <b>%Rec</b>          |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: BFB                   | 1000                            |   | 1000      |             | 102  | 70       | 130       |      |          |      |

| Sample ID: <b>mb-60188</b>    | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-------------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>60188</b>          | RunNo: <b>77631</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b>   | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756720</b> Units: <b>mg/Kg</b>         |           |             |      |          |           |      |          |      |
| Analyte                       | Result                          | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                              | 5.0   |           |             |      |          |           |      |          |      |
| Surr: BFB                     | 890                             |   | 1000      |             | 89.0 | 70       | 130       |      |          |      |

| Sample ID: <b>lcs-60188</b>   | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |           |             |      |          |           |      |          |      |
|-------------------------------|---------------------------------|---|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>60188</b>          | RunNo: <b>77631</b>                               |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b>   | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756721</b> Units: <b>mg/Kg</b>         |           |             |      |          |           |      |          |      |
| Analyte                       | Result                          | PQL   | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23                              | 5.0   | 25.00     | 0           | 92.6 | 78.6     | 131       |      |          |      |
| Surr: BFB                     | 1000                            |   | 1000      |             | 101  | 70       | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 23 of 26

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2105949

28-May-21

**Client:** GHD  
**Project:** Yates As Fee Battery

| Sample ID: <b>2105949-015ams</b> | SampType: <b>MS</b>             | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |                     |             |      |          |           |      |          |      |
|----------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>TP8-4</b>          | Batch ID: <b>60188</b>          | RunNo: <b>77631</b>                               |                     |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b>      | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756723</b>                             | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                          | Result                          | PQL   | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO)    | 22                              | 4.9   | 24.27               | 0           | 92.2 | 61.3     | 114       |      |          |      |
| Surr: BFB                        | 970                             |   | 970.9               |             | 99.8 | 70       | 130       |      |          |      |

| Sample ID: <b>2105949-015amsd</b> | SampType: <b>MSD</b>            | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |                     |             |      |          |           |      |          |      |
|-----------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>TP8-4</b>           | Batch ID: <b>60188</b>          | RunNo: <b>77631</b>                               |                     |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b>       | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756724</b>                             | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                           | Result                          | PQL   | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO)     | 23                              | 5.0   | 24.93               | 0           | 92.7 | 61.3     | 114       | 3.18 | 20       |      |
| Surr: BFB                         | 990                             |   | 997.0               |             | 99.4 | 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

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 24 of 26

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2105949

28-May-21

**Client:** GHD  
**Project:** Yates As Fee Battery

| Sample ID: <b>mb-60185</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>60185</b>          | RunNo: <b>77617</b>                          |                     |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b> | Analysis Date: <b>5/24/2021</b> | SeqNo: <b>2755095</b>                        | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| 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: <b>LCS-60185</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>60185</b>          | RunNo: <b>77617</b>                          |                     |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b> | Analysis Date: <b>5/24/2021</b> | SeqNo: <b>2755096</b>                        | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 0.90                            | 0.025  | 1.000               | 0           | 90.4 | 80       | 120       |      |          |      |
| Toluene                     | 0.95                            | 0.050  | 1.000               | 0           | 95.4 | 80       | 120       |      |          |      |
| Ethylbenzene                | 0.96                            | 0.050  | 1.000               | 0           | 95.6 | 80       | 120       |      |          |      |
| Xylenes, Total              | 2.9                             | 0.10   | 3.000               | 0           | 95.6 | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 1.0                             |  | 1.000               |             | 102  | 70       | 130       |      |          |      |

| Sample ID: <b>mb-60213</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8021B: Volatiles</b> |                    |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>60213</b>          | RunNo: <b>77631</b>                          |                    |             |      |          |           |      |          |      |
| Prep Date: <b>5/24/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756760</b>                        | Units: <b>%Rec</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value          | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene  | 1.0                             |  | 1.000              |             | 102  | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-60213</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |                    |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|--------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>60213</b>          | RunNo: <b>77631</b>                          |                    |             |      |          |           |      |          |      |
| Prep Date: <b>5/24/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756761</b>                        | Units: <b>%Rec</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value          | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene  | 1.0                             |  | 1.000              |             | 102  | 70       | 130       |      |          |      |

| Sample ID: <b>mb-60188</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>60188</b>          | RunNo: <b>77631</b>                          |                     |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756764</b>                        | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| 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   |                     |             |      |          |           |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 25 of 26

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2105949

28-May-21

**Client:** GHD  
**Project:** Yates As Fee Battery

| Sample ID: <b>mb-60188</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>60188</b>          | RunNo: <b>77631</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756764</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Surr: 4-Bromofluorobenzene  | 1.0                             |  | 1.000     |             | 99.6 | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-60188</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>60188</b>          | RunNo: <b>77631</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b> | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756765</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 0.89                            | 0.025  | 1.000     | 0           | 89.0 | 80       | 120       |      |          |      |
| Toluene                     | 0.93                            | 0.050  | 1.000     | 0           | 92.6 | 80       | 120       |      |          |      |
| Ethylbenzene                | 0.92                            | 0.050  | 1.000     | 0           | 92.1 | 80       | 120       |      |          |      |
| Xylenes, Total              | 2.8                             | 0.10   | 3.000     | 0           | 93.0 | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 1.0                             |  | 1.000     |             | 102  | 70       | 130       |      |          |      |

| Sample ID: <b>2105949-016ams</b> | SampType: <b>MS</b>             | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|----------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>TP9-2</b>          | Batch ID: <b>60188</b>          | RunNo: <b>77631</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>5/21/2021</b>      | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756768</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| Analyte                          | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                          | 0.88                            | 0.024  | 0.9515    | 0           | 92.2 | 76.3     | 120       |      |          |      |
| Toluene                          | 0.93                            | 0.048  | 0.9515    | 0           | 97.7 | 78.5     | 120       |      |          |      |
| Ethylbenzene                     | 0.92                            | 0.048  | 0.9515    | 0           | 97.0 | 78.1     | 124       |      |          |      |
| Xylenes, Total                   | 2.8                             | 0.095  | 2.854     | 0           | 98.3 | 79.3     | 125       |      |          |      |
| Surr: 4-Bromofluorobenzene       | 0.97                            |  | 0.9515    |             | 102  | 70       | 130       |      |          |      |

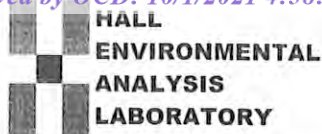
| Sample ID: <b>2105949-016amsd</b> | SampType: <b>MSD</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |       |          |      |
|-----------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: <b>TP9-2</b>           | Batch ID: <b>60188</b>          | RunNo: <b>77631</b>                          |           |             |      |          |           |       |          |      |
| Prep Date: <b>5/21/2021</b>       | Analysis Date: <b>5/25/2021</b> | SeqNo: <b>2756769</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |       |          |      |
| Analyte                           | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD  | RPDLimit | Qual |
| Benzene                           | 0.88                            | 0.024  | 0.9560    | 0           | 92.0 | 80       | 120       | 0.292 | 20       |      |
| Toluene                           | 0.93                            | 0.048  | 0.9560    | 0           | 97.6 | 80       | 120       | 0.344 | 20       |      |
| Ethylbenzene                      | 0.94                            | 0.048  | 0.9560    | 0           | 98.3 | 80       | 120       | 1.77  | 20       |      |
| Xylenes, Total                    | 2.8                             | 0.096  | 2.868     | 0           | 99.0 | 80       | 120       | 1.17  | 20       |      |
| Surr: 4-Bromofluorobenzene        | 0.98                            |  | 0.9560    |             | 102  | 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

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 26 of 26



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

Work Order Number: 2105949

RcptNo: 1

Received By: Juan Rojas

5/21/2021 7:30:00 AM

*Juan Rojas*

Completed By: Cheyenne Cason

5/21/2021 8:24:50 AM

*Cason*

Reviewed By:

*SPA 5.21.21*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  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? 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?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

( $<2$  or  $>12$  unless noted)

Adjusted?

Checked by:

*IO*  
*5.21.21*

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 $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1         | 0.1                     | Good      |             |         |           |           |









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

July 19, 2021

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

RE: Yates AS Fee Battery

OrderNo.: 2107284

Dear Becky Haskell:

Hall Environmental Analysis Laboratory received 16 sample(s) on 7/8/2021 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order: 2107284

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates AS Fee Battery

**Lab Order:** 2107284

**Lab ID:** 2107284-001

**Collection Date:** 7/6/2021 9:35:00 AM

**Client Sample ID:** TP2-13

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF  | Date Analyzed         | Batch ID           |
|--|--------|--------|------|-------|-----|-----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |     |                       | Analyst: <b>VP</b> |
| Chloride   | 5400   | 300    |      | mg/Kg | 100 | 7/14/2021 1:18:15 AM  | 61256              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |     |                       | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | 1000   | 94     |      | mg/Kg | 10  | 7/12/2021 10:25:39 AM | 61226              |
| Motor Oil Range Organics (MRO)                   | 540    | 470    |      | mg/Kg | 10  | 7/12/2021 10:25:39 AM | 61226              |
| Surr: DNOP                                       | 0      | 70-130 | S    | %Rec  | 10  | 7/12/2021 10:25:39 AM | 61226              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |     |                       | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 24     |      | mg/Kg | 5   | 7/12/2021 4:06:00 PM  | 61201              |
| Surr: BFB  | 157    | 70-130 | S    | %Rec  | 5   | 7/12/2021 4:06:00 PM  | 61201              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |     |                       | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.12   |      | mg/Kg | 5   | 7/12/2021 4:06:00 PM  | 61201              |
| Toluene  | ND     | 0.24   |      | mg/Kg | 5   | 7/12/2021 4:06:00 PM  | 61201              |
| Ethylbenzene                                     | ND     | 0.24   |      | mg/Kg | 5   | 7/12/2021 4:06:00 PM  | 61201              |
| Xylenes, Total                                   | ND     | 0.48   |      | mg/Kg | 5   | 7/12/2021 4:06:00 PM  | 61201              |
| Surr: 4-Bromofluorobenzene                       | 127    | 70-130 |      | %Rec  | 5   | 7/12/2021 4:06:00 PM  | 61201              |

**Lab ID:** 2107284-002

**Collection Date:** 7/6/2021 9:45:00 AM

**Client Sample ID:** TP2-16

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF  | Date Analyzed        | Batch ID           |
|--|--------|--------|------|-------|-----|----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |     |                      | Analyst: <b>VP</b> |
| Chloride   | 9100   | 300    |      | mg/Kg | 100 | 7/14/2021 1:30:39 AM | 61256              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |     |                      | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | 840    | 95     |      | mg/Kg | 10  | 7/12/2021 2:02:26 PM | 61226              |
| Motor Oil Range Organics (MRO)                   | 580    | 470    |      | mg/Kg | 10  | 7/12/2021 2:02:26 PM | 61226              |
| Surr: DNOP                                       | 0      | 70-130 | S    | %Rec  | 10  | 7/12/2021 2:02:26 PM | 61226              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |     |                      | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | 140    | 24     |      | mg/Kg | 5   | 7/12/2021 4:46:00 PM | 61201              |
| Surr: BFB  | 389    | 70-130 | S    | %Rec  | 5   | 7/12/2021 4:46:00 PM | 61201              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |     |                      | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.12   |      | mg/Kg | 5   | 7/12/2021 4:46:00 PM | 61201              |
| Toluene  | ND     | 0.24   |      | mg/Kg | 5   | 7/12/2021 4:46:00 PM | 61201              |
| Ethylbenzene                                     | 2.4    | 0.24   |      | mg/Kg | 5   | 7/12/2021 4:46:00 PM | 61201              |
| Xylenes, Total                                   | 4.4    | 0.47   |      | mg/Kg | 5   | 7/12/2021 4:46:00 PM | 61201              |
| Surr: 4-Bromofluorobenzene                       | 182    | 70-130 | S    | %Rec  | 5   | 7/12/2021 4:46:00 PM | 61201              |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 17

## Analytical Report

Lab Order: 2107284

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates AS Fee Battery

**Lab Order:** 2107284

**Lab ID:** 2107284-003

**Collection Date:** 7/6/2021 9:55:00 AM

**Client Sample ID:** TP2-20

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF  | Date Analyzed        | Batch ID           |
|--|--------|--------|------|-------|-----|----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |     |                      | Analyst: <b>VP</b> |
| Chloride   | 7400   | 300    |      | mg/Kg | 100 | 7/14/2021 1:43:03 AM | 61256              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |     |                      | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | 1200   | 91     |      | mg/Kg | 10  | 7/12/2021 2:26:59 PM | 61226              |
| Motor Oil Range Organics (MRO)                   | 690    | 450    |      | mg/Kg | 10  | 7/12/2021 2:26:59 PM | 61226              |
| Surr: DNOP                                       | 0      | 70-130 | S    | %Rec  | 10  | 7/12/2021 2:26:59 PM | 61226              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |     |                      | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | 93     | 24     |      | mg/Kg | 5   | 7/12/2021 5:06:00 PM | 61201              |
| Surr: BFB  | 323    | 70-130 | S    | %Rec  | 5   | 7/12/2021 5:06:00 PM | 61201              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |     |                      | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.12   |      | mg/Kg | 5   | 7/12/2021 5:06:00 PM | 61201              |
| Toluene  | ND     | 0.24   |      | mg/Kg | 5   | 7/12/2021 5:06:00 PM | 61201              |
| Ethylbenzene                                     | 1.7    | 0.24   |      | mg/Kg | 5   | 7/12/2021 5:06:00 PM | 61201              |
| Xylenes, Total                                   | 2.2    | 0.48   |      | mg/Kg | 5   | 7/12/2021 5:06:00 PM | 61201              |
| Surr: 4-Bromofluorobenzene                       | 169    | 70-130 | S    | %Rec  | 5   | 7/12/2021 5:06:00 PM | 61201              |

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

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

## Analytical Report

Lab Order: 2107284

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates AS Fee Battery

**Lab Order:** 2107284

**Lab ID:** 2107284-004

**Collection Date:** 7/6/2021 10:20:00 AM

**Client Sample ID:** TP3-16

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID           |
|--|--------|--------|------|-------|----|-----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b> |
| Chloride   | 1200   | 60     |      | mg/Kg | 20 | 7/13/2021 11:27:04 AM | 61256              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 9.7    |      | mg/Kg | 1  | 7/12/2021 11:37:13 AM | 61226              |
| Motor Oil Range Organics (MRO)                   | ND     | 48     |      | mg/Kg | 1  | 7/12/2021 11:37:13 AM | 61226              |
| Surr: DNOP                                       | 70.8   | 70-130 |      | %Rec  | 1  | 7/12/2021 11:37:13 AM | 61226              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7    |      | mg/Kg | 1  | 7/12/2021 5:46:00 PM  | 61201              |
| Surr: BFB  | 115    | 70-130 |      | %Rec  | 1  | 7/12/2021 5:46:00 PM  | 61201              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/12/2021 5:46:00 PM  | 61201              |
| Toluene  | ND     | 0.047  |      | mg/Kg | 1  | 7/12/2021 5:46:00 PM  | 61201              |
| Ethylbenzene                                     | ND     | 0.047  |      | mg/Kg | 1  | 7/12/2021 5:46:00 PM  | 61201              |
| Xylenes, Total                                   | ND     | 0.095  |      | mg/Kg | 1  | 7/12/2021 5:46:00 PM  | 61201              |
| Surr: 4-Bromofluorobenzene                       | 115    | 70-130 |      | %Rec  | 1  | 7/12/2021 5:46:00 PM  | 61201              |

**Lab ID:** 2107284-005

**Collection Date:** 7/6/2021 10:30:00 AM

**Client Sample ID:** TP3-20

**Matrix:** SOIL

| Analyses                        | Result | RL | Qual | Units | DF | Date Analyzed        | Batch ID           |
|---------------------------------|--------|----|------|-------|----|----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b> |        |    |      |       |    |                      | Analyst: <b>VP</b> |
| Chloride                        | 1900   | 60 |      | mg/Kg | 20 | 7/16/2021 8:48:49 AM | 61363              |

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

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

## Analytical Report

Lab Order: 2107284

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates AS Fee Battery

**Lab Order:** 2107284

**Lab ID:** 2107284-006

**Collection Date:** 7/6/2021 10:50:00 AM

**Client Sample ID:** TP1-10

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 920    | 60     |      | mg/Kg | 20 | 7/13/2021 11:39:28 AM | 61256               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 79     | 18     |      | mg/Kg | 2  | 7/13/2021 1:52:49 PM  | 61231               |
| Motor Oil Range Organics (MRO)                   | 150    | 91     |      | mg/Kg | 2  | 7/13/2021 1:52:49 PM  | 61231               |
| Surr: DNOP                                       | 103    | 70-130 |      | %Rec  | 2  | 7/13/2021 1:52:49 PM  | 61231               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/10/2021 6:42:00 PM  | 61209               |
| Surr: BFB  | 106    | 70-130 |      | %Rec  | 1  | 7/10/2021 6:42:00 PM  | 61209               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/10/2021 6:42:00 PM  | 61209               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 7/10/2021 6:42:00 PM  | 61209               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 7/10/2021 6:42:00 PM  | 61209               |
| Xylenes, Total                                   | ND     | 0.099  |      | mg/Kg | 1  | 7/10/2021 6:42:00 PM  | 61209               |
| Surr: 4-Bromofluorobenzene                       | 94.6   | 70-130 |      | %Rec  | 1  | 7/10/2021 6:42:00 PM  | 61209               |

**Lab ID:** 2107284-007

**Collection Date:** 7/6/2021 12:40:00 PM

**Client Sample ID:** TP1-15

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 1700   | 60     |      | mg/Kg | 20 | 7/13/2021 11:51:52 AM | 61256               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.3    |      | mg/Kg | 1  | 7/13/2021 3:34:46 PM  | 61231               |
| Motor Oil Range Organics (MRO)                   | ND     | 47     |      | mg/Kg | 1  | 7/13/2021 3:34:46 PM  | 61231               |
| Surr: DNOP                                       | 83.9   | 70-130 |      | %Rec  | 1  | 7/13/2021 3:34:46 PM  | 61231               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 7/10/2021 7:42:00 PM  | 61209               |
| Surr: BFB  | 102    | 70-130 |      | %Rec  | 1  | 7/10/2021 7:42:00 PM  | 61209               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/10/2021 7:42:00 PM  | 61209               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 7/10/2021 7:42:00 PM  | 61209               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 7/10/2021 7:42:00 PM  | 61209               |
| Xylenes, Total                                   | ND     | 0.097  |      | mg/Kg | 1  | 7/10/2021 7:42:00 PM  | 61209               |
| Surr: 4-Bromofluorobenzene                       | 93.5   | 70-130 |      | %Rec  | 1  | 7/10/2021 7:42:00 PM  | 61209               |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 4 of 17

## Analytical Report

Lab Order: 2107284

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates AS Fee Battery

**Lab Order:** 2107284**Lab ID:** 2107284-008**Collection Date:** 7/6/2021 12:50:00 PM**Client Sample ID:** TP1-20**Matrix:** SOIL

| Analyses                        | Result | RL | Qual | Units | DF | Date Analyzed        | Batch ID |
|---------------------------------|--------|----|------|-------|----|----------------------|----------|
| <b>EPA METHOD 300.0: ANIONS</b> |        |    |      |       |    |                      |          |
| Chloride                        | 1300   | 61 |      | mg/Kg | 20 | 7/16/2021 9:01:13 AM | 61363    |

Analyst: VP

**Lab ID:** 2107284-009**Collection Date:** 7/6/2021 1:25:00 PM**Client Sample ID:** TP5-8**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID |
|--|--------|--------|------|-------|----|-----------------------|----------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       |          |
| Chloride   | 860    | 59     |      | mg/Kg | 20 | 7/13/2021 12:04:16 PM | 61256    |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       |          |
| Diesel Range Organics (DRO)                      | ND     | 8.9    |      | mg/Kg | 1  | 7/13/2021 3:47:10 PM  | 61231    |
| Motor Oil Range Organics (MRO)                   | ND     | 44     |      | mg/Kg | 1  | 7/13/2021 3:47:10 PM  | 61231    |
| Surr: DNOP                                       | 83.0   | 70-130 |      | %Rec  | 1  | 7/13/2021 3:47:10 PM  | 61231    |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       |          |
| Gasoline Range Organics (GRO)                    | ND     | 4.7    |      | mg/Kg | 1  | 7/10/2021 8:42:00 PM  | 61209    |
| Surr: BFB  | 91.3   | 70-130 |      | %Rec  | 1  | 7/10/2021 8:42:00 PM  | 61209    |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       |          |
| Benzene  | ND     | 0.023  |      | mg/Kg | 1  | 7/10/2021 8:42:00 PM  | 61209    |
| Toluene  | ND     | 0.047  |      | mg/Kg | 1  | 7/10/2021 8:42:00 PM  | 61209    |
| Ethylbenzene                                     | ND     | 0.047  |      | mg/Kg | 1  | 7/10/2021 8:42:00 PM  | 61209    |
| Xylenes, Total                                   | ND     | 0.094  |      | mg/Kg | 1  | 7/10/2021 8:42:00 PM  | 61209    |
| Surr: 4-Bromofluorobenzene                       | 90.4   | 70-130 |      | %Rec  | 1  | 7/10/2021 8:42:00 PM  | 61209    |

Analyst: VP

Analyst: SB

Analyst: CCM

Analyst: CCM

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 5 of 17

## Analytical Report

Lab Order: 2107284

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates AS Fee Battery

**Lab Order:** 2107284**Lab ID:** 2107284-010**Collection Date:** 7/6/2021 2:00:00 PM**Client Sample ID:** TP5-10**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 640    | 61     |      | mg/Kg | 20 | 7/13/2021 12:16:40 PM | 61256               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.0    |      | mg/Kg | 1  | 7/13/2021 3:59:43 PM  | 61231               |
| Motor Oil Range Organics (MRO)                   | ND     | 45     |      | mg/Kg | 1  | 7/13/2021 3:59:43 PM  | 61231               |
| Surr: DNOP                                       | 82.1   | 70-130 |      | %Rec  | 1  | 7/13/2021 3:59:43 PM  | 61231               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7    |      | mg/Kg | 1  | 7/10/2021 9:02:00 PM  | 61209               |
| Surr: BFB  | 95.1   | 70-130 |      | %Rec  | 1  | 7/10/2021 9:02:00 PM  | 61209               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/10/2021 9:02:00 PM  | 61209               |
| Toluene  | ND     | 0.047  |      | mg/Kg | 1  | 7/10/2021 9:02:00 PM  | 61209               |
| Ethylbenzene                                     | ND     | 0.047  |      | mg/Kg | 1  | 7/10/2021 9:02:00 PM  | 61209               |
| Xylenes, Total                                   | ND     | 0.094  |      | mg/Kg | 1  | 7/10/2021 9:02:00 PM  | 61209               |
| Surr: 4-Bromofluorobenzene                       | 91.1   | 70-130 |      | %Rec  | 1  | 7/10/2021 9:02:00 PM  | 61209               |

**Lab ID:** 2107284-011**Collection Date:** 7/6/2021 2:15:00 PM**Client Sample ID:** TP4-6**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | ND     | 60     |      | mg/Kg | 20 | 7/13/2021 12:29:04 PM | 61256               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 9.8    | 9.5    |      | mg/Kg | 1  | 7/13/2021 1:28:56 PM  | 61231               |
| Motor Oil Range Organics (MRO)                   | 53     | 47     |      | mg/Kg | 1  | 7/13/2021 1:28:56 PM  | 61231               |
| Surr: DNOP                                       | 96.8   | 70-130 |      | %Rec  | 1  | 7/13/2021 1:28:56 PM  | 61231               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1  | 7/10/2021 9:21:00 PM  | 61209               |
| Surr: BFB  | 99.2   | 70-130 |      | %Rec  | 1  | 7/10/2021 9:21:00 PM  | 61209               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/10/2021 9:21:00 PM  | 61209               |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1  | 7/10/2021 9:21:00 PM  | 61209               |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1  | 7/10/2021 9:21:00 PM  | 61209               |
| Xylenes, Total                                   | ND     | 0.10   |      | mg/Kg | 1  | 7/10/2021 9:21:00 PM  | 61209               |
| Surr: 4-Bromofluorobenzene                       | 89.1   | 70-130 |      | %Rec  | 1  | 7/10/2021 9:21:00 PM  | 61209               |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 6 of 17

## Analytical Report

Lab Order: 2107284

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates AS Fee Battery

**Lab Order:** 2107284**Lab ID:** 2107284-012**Collection Date:** 7/6/2021 2:30:00 PM**Client Sample ID:** TP4-12**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 650    | 60     |      | mg/Kg | 20 | 7/13/2021 1:06:18 PM | 61256               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 170    | 19     |      | mg/Kg | 2  | 7/13/2021 2:40:42 PM | 61231               |
| Motor Oil Range Organics (MRO)                   | 330    | 93     |      | mg/Kg | 2  | 7/13/2021 2:40:42 PM | 61231               |
| Surr: DNOP                                       | 101    | 70-130 |      | %Rec  | 2  | 7/13/2021 2:40:42 PM | 61231               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7    |      | mg/Kg | 1  | 7/10/2021 9:41:00 PM | 61209               |
| Surr: BFB  | 95.3   | 70-130 |      | %Rec  | 1  | 7/10/2021 9:41:00 PM | 61209               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.023  |      | mg/Kg | 1  | 7/10/2021 9:41:00 PM | 61209               |
| Toluene  | ND     | 0.047  |      | mg/Kg | 1  | 7/10/2021 9:41:00 PM | 61209               |
| Ethylbenzene                                     | ND     | 0.047  |      | mg/Kg | 1  | 7/10/2021 9:41:00 PM | 61209               |
| Xylenes, Total                                   | ND     | 0.093  |      | mg/Kg | 1  | 7/10/2021 9:41:00 PM | 61209               |
| Surr: 4-Bromofluorobenzene                       | 90.5   | 70-130 |      | %Rec  | 1  | 7/10/2021 9:41:00 PM | 61209               |

**Lab ID:** 2107284-013**Collection Date:** 7/6/2021 2:40:00 PM**Client Sample ID:** TP4-14**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 570    | 60     |      | mg/Kg | 20 | 7/16/2021 9:13:38 AM | 61363               |
| <b>EPA METHOD 8015D MOD: GASOLINE RANGE</b>      |        |        |      |       |    |                      | Analyst: <b>JMR</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/16/2021 1:34:03 PM | 61329               |
| Surr: BFB  | 95.3   | 70-130 |      | %Rec  | 1  | 7/16/2021 1:34:03 PM | 61329               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 8.8    |      | mg/Kg | 1  | 7/16/2021 3:43:35 PM | 61352               |
| Motor Oil Range Organics (MRO)                   | ND     | 44     |      | mg/Kg | 1  | 7/16/2021 3:43:35 PM | 61352               |
| Surr: DNOP                                       | 110    | 70-130 |      | %Rec  | 1  | 7/16/2021 3:43:35 PM | 61352               |

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

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

Page 7 of 17

## Analytical Report

Lab Order: 2107284

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates AS Fee Battery

**Lab Order:** 2107284**Lab ID:** 2107284-014**Collection Date:** 7/6/2021 3:30:00 PM**Client Sample ID:** TP6-12**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 1200   | 60     |      | mg/Kg | 20 | 7/13/2021 1:18:42 PM  | 61256               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.1    |      | mg/Kg | 1  | 7/13/2021 4:12:10 PM  | 61231               |
| Motor Oil Range Organics (MRO)                   | ND     | 46     |      | mg/Kg | 1  | 7/13/2021 4:12:10 PM  | 61231               |
| Surr: DNOP                                       | 82.1   | 70-130 |      | %Rec  | 1  | 7/13/2021 4:12:10 PM  | 61231               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/10/2021 10:01:00 PM | 61209               |
| Surr: BFB  | 95.9   | 70-130 |      | %Rec  | 1  | 7/10/2021 10:01:00 PM | 61209               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/10/2021 10:01:00 PM | 61209               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 7/10/2021 10:01:00 PM | 61209               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 7/10/2021 10:01:00 PM | 61209               |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 7/10/2021 10:01:00 PM | 61209               |
| Surr: 4-Bromofluorobenzene                       | 91.1   | 70-130 |      | %Rec  | 1  | 7/10/2021 10:01:00 PM | 61209               |

**Lab ID:** 2107284-015**Collection Date:** 7/6/2021 3:45:00 PM**Client Sample ID:** TP6-14**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 700    | 60     |      | mg/Kg | 20 | 7/13/2021 1:31:06 PM  | 61256               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 8.4    |      | mg/Kg | 1  | 7/13/2021 4:24:43 PM  | 61231               |
| Motor Oil Range Organics (MRO)                   | ND     | 42     |      | mg/Kg | 1  | 7/13/2021 4:24:43 PM  | 61231               |
| Surr: DNOP                                       | 82.7   | 70-130 |      | %Rec  | 1  | 7/13/2021 4:24:43 PM  | 61231               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7    |      | mg/Kg | 1  | 7/10/2021 10:21:00 PM | 61209               |
| Surr: BFB  | 99.6   | 70-130 |      | %Rec  | 1  | 7/10/2021 10:21:00 PM | 61209               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>CCM</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/10/2021 10:21:00 PM | 61209               |
| Toluene  | ND     | 0.047  |      | mg/Kg | 1  | 7/10/2021 10:21:00 PM | 61209               |
| Ethylbenzene                                     | ND     | 0.047  |      | mg/Kg | 1  | 7/10/2021 10:21:00 PM | 61209               |
| Xylenes, Total                                   | ND     | 0.095  |      | mg/Kg | 1  | 7/10/2021 10:21:00 PM | 61209               |
| Surr: 4-Bromofluorobenzene                       | 95.1   | 70-130 |      | %Rec  | 1  | 7/10/2021 10:21:00 PM | 61209               |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 8 of 17

## Analytical Report

Lab Order: 2107284

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates AS Fee Battery

**Lab Order:** 2107284**Lab ID:** 2107284-016**Collection Date:** 7/6/2021 4:00:00 PM**Client Sample ID:** TP6-15**Matrix:** SOIL

| Analyses                        | Result | RL | Qual | Units | DF | Date Analyzed        | Batch ID |
|---------------------------------|--------|----|------|-------|----|----------------------|----------|
| <b>EPA METHOD 300.0: ANIONS</b> |        |    |      |       |    |                      |          |
| Chloride                        | 590    | 60 |      | mg/Kg | 20 | 7/16/2021 9:26:03 AM | 61363    |

Analyst: VP

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

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

Page 9 of 17

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107284

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates AS Fee Battery

| Sample ID: <b>MB-61256</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>61256</b>          | RunNo: <b>79769</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/13/2021</b> | Analysis Date: <b>7/13/2021</b> | SeqNo: <b>2806149</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | ND                              | 1.5                                       |                     |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-61256</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61256</b>          | RunNo: <b>79769</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/13/2021</b> | Analysis Date: <b>7/13/2021</b> | SeqNo: <b>2806150</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | 14                              | 1.5                                       | 15.00               | 0           | 91.7 | 90       | 110       |      |          |      |

| Sample ID: <b>MB-61363</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>61363</b>          | RunNo: <b>79843</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/16/2021</b> | Analysis Date: <b>7/16/2021</b> | SeqNo: <b>2809981</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | ND                              | 1.5                                       |                     |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-61363</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61363</b>          | RunNo: <b>79843</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/16/2021</b> | Analysis Date: <b>7/16/2021</b> | SeqNo: <b>2809982</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | 14                              | 1.5                                       | 15.00               | 0           | 96.1 | 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

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107284

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates AS Fee Battery

| Sample ID: <b>MB-61226</b>     | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>61226</b>          | RunNo: <b>79729</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/10/2021</b>    | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804391</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                        | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                              | 10   |           |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                              | 50   |           |             |      |          |           |      |          |      |
| Surr: DNOP                     | 9.2                             |  | 10.00     |             | 91.8 | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-61226</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61226</b>          | RunNo: <b>79729</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/10/2021</b> | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804392</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 44                              | 10   | 50.00     | 0           | 88.6 | 68.9     | 141       |      |          |      |
| Surr: DNOP                  | 4.9                             |  | 5.000     |             | 97.2 | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-61231</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61231</b>          | RunNo: <b>79755</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/12/2021</b> | Analysis Date: <b>7/13/2021</b> | SeqNo: <b>2806342</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 44                              | 10   | 50.00     | 0           | 87.8 | 68.9     | 141       |      |          |      |
| Surr: DNOP                  | 4.2                             |  | 5.000     |             | 83.9 | 70       | 130       |      |          |      |

| Sample ID: <b>MB-61231</b>     | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>61231</b>          | RunNo: <b>79755</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/12/2021</b>    | Analysis Date: <b>7/13/2021</b> | SeqNo: <b>2806418</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| 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                     | 8.1                             |  | 10.00     |             | 81.3 | 70       | 130       |      |          |      |

| Sample ID: <b>MB-61352</b>     | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>61352</b>          | RunNo: <b>79858</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/15/2021</b>    | Analysis Date: <b>7/16/2021</b> | SeqNo: <b>2809430</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| 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                     | 13                              |  | 10.00     |             | 126  | 70       | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 11 of 17

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107284

19-Jul-21

Client: GHD Midland  
Project: Yates AS Fee Battery

|                             |                          |   |              |             |      |          |           |      |          |      |
|-----------------------------|--------------------------|---|--------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: LCS-61352        | SampType: LCS            | TestCode: EPA Method 8015M/D: Diesel Range Organics |              |             |      |          |           |      |          |      |
| Client ID: LCSS             | Batch ID: 61352          | RunNo: 79858  |              |             |      |          |           |      |          |      |
| Prep Date: 7/15/2021        | Analysis Date: 7/16/2021 | SeqNo: 2809432                                      | Units: mg/Kg |             |      |          |           |      |          |      |
| Analyte                     | Result                   | PQL   | SPK value    | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 46                       | 10  | 50.00        | 0           | 92.6 | 68.9     | 141       |      |          |      |
| Surr: DNOP                  | 5.5                      |   | 5.000        |             | 109  | 70       | 130       |      |          |      |

Qualifiers:

- \* Value exceeds Maximum Contaminant Level.

D Sample Diluted Due to Matrix

H Holding times for preparation or analysis exceeded

ND Not Detected at the Reporting Limit

PQL Practical Quantitative Limit

S % Recovery outside of range due to dilution or matrix
- B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107284

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates AS Fee Battery

| Sample ID: <b>lcs-61201</b>   | SampType: <b>LCS</b>           |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|-------------------------------|--------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>61201</b>         |     |           | RunNo: <b>79700</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/8/2021</b>    | Analysis Date: <b>7/9/2021</b> |     |           | SeqNo: <b>2802976</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                       | Result                         | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25                             | 5.0 | 25.00     | 0   | 98.2 | 78.6                | 131       |      |          |      |
| Surr: BFB                     | 1100                           |     | 1000      |   | 109  | 70                  | 130       |      |          |      |

| Sample ID: <b>mb-61201</b>    | SampType: <b>MBLK</b>          |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|-------------------------------|--------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>61201</b>         |     |           | RunNo: <b>79700</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/8/2021</b>    | Analysis Date: <b>7/9/2021</b> |     |           | SeqNo: <b>2802977</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                       | Result                         | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                             | 5.0 |           |   |      |                     |           |      |          |      |
| Surr: BFB                     | 980                            |     | 1000      |   | 97.5 | 70                  | 130       |      |          |      |

| Sample ID: <b>lcs-61209</b>   | SampType: <b>LCS</b>            |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|-------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>61209</b>          |     |           | RunNo: <b>79701</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/9/2021</b>    | Analysis Date: <b>7/10/2021</b> |     |           | SeqNo: <b>2803671</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                       | Result                          | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 25                              | 5.0 | 25.00     | 0   | 101  | 78.6                | 131       |      |          |      |
| Surr: BFB                     | 1100                            |     | 1000      |   | 113  | 70                  | 130       |      |          |      |

| Sample ID: <b>2107284-006ams</b> | SampType: <b>MS</b>             |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|----------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>TP1-10</b>         | Batch ID: <b>61209</b>          |     |           | RunNo: <b>79701</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/9/2021</b>       | Analysis Date: <b>7/10/2021</b> |     |           | SeqNo: <b>2803672</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                          | Result                          | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO)    | 28                              | 5.0 | 24.98     | 0   | 114  | 61.3                | 114       |      |          |      |
| Surr: BFB                        | 1200                            |     | 999.0     |   | 122  | 70                  | 130       |      |          |      |

| Sample ID: <b>2107284-006amsd</b> | SampType: <b>MSD</b>            |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|-----------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>TP1-10</b>          | Batch ID: <b>61209</b>          |     |           | RunNo: <b>79701</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/9/2021</b>        | Analysis Date: <b>7/10/2021</b> |     |           | SeqNo: <b>2803673</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                           | Result                          | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO)     | 22                              | 4.7 | 23.58     | 0   | 95.2 | 61.3                | 114       | 23.5 | 20       | R    |
| Surr: BFB                         | 1100                            |     | 943.4     |   | 113  | 70                  | 130       | 0    | 0        |      |

| Sample ID: <b>mb-61209</b> | SampType: <b>MBLK</b>           |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|----------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>      | Batch ID: <b>61209</b>          |     |           | RunNo: <b>79701</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/9/2021</b> | Analysis Date: <b>7/10/2021</b> |     |           | SeqNo: <b>2803674</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                    | Result                          | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 13 of 17

QC SUMMARY REPORT  
Hall Environmental Analysis Laboratory, Inc.

WO#: 2107284  
19-Jul-21

Client: GHD Midland  
Project: Yates AS Fee Battery

|                               |                          |  |           |              |      |          |           |      |          |      |
|-------------------------------|--------------------------|--|-----------|--------------|------|----------|-----------|------|----------|------|
| Sample ID: mb-61209           | SampType: MBLK           | TestCode: EPA Method 8015D: Gasoline Range |           |              |      |          |           |      |          |      |
| Client ID: PBS                | Batch ID: 61209          | RunNo: 79701                               |           |              |      |          |           |      |          |      |
| Prep Date: 7/9/2021           | Analysis Date: 7/10/2021 | SeqNo: 2803674                             |           | 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                     | 990                      |  | 1000      |              | 99.3 | 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
- B

Analyte detected in the associated Method Blank
- E

Value above quantitation range
- J

Analyte detected below quantitation limits
- P

Sample pH Not In Range
- RL

Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107284

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates AS Fee Battery

| Sample ID: <b>lcs-61201</b> | SampType: <b>LCS</b>           |       |           |             | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |           |      |          |      |
|-----------------------------|--------------------------------|-------|-----------|-------------|--|---------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61201</b>         |       |           |             | RunNo: <b>79700</b>                          |                     |           |      |          |      |
| Prep Date: <b>7/8/2021</b>  | Analysis Date: <b>7/9/2021</b> |       |           |             | SeqNo: <b>2803024</b>                        | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                     | Result                         | PQL   | SPK value | SPK Ref Val | %REC   | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 0.99                           | 0.025 | 1.000     | 0           | 99.4   | 80                  | 120       |      |          |      |
| Toluene                     | 0.99                           | 0.050 | 1.000     | 0           | 99.2   | 80                  | 120       |      |          |      |
| Ethylbenzene                | 1.0                            | 0.050 | 1.000     | 0           | 100  | 80                  | 120       |      |          |      |
| Xylenes, Total              | 3.0                            | 0.10  | 3.000     | 0           | 101  | 80                  | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 0.93                           |       | 1.000     |             | 92.9   | 70                  | 130       |      |          |      |

| Sample ID: <b>mb-61201</b> | SampType: <b>MBLK</b>          |       |           |             | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |           |      |          |      |
|----------------------------|--------------------------------|-------|-----------|-------------|--|---------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>      | Batch ID: <b>61201</b>         |       |           |             | RunNo: <b>79700</b>                          |                     |           |      |          |      |
| Prep Date: <b>7/8/2021</b> | Analysis Date: <b>7/9/2021</b> |       |           |             | SeqNo: <b>2803025</b>                        | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                    | Result                         | PQL   | SPK value | SPK Ref Val | %REC   | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                    | ND                             | 0.025 |           |             |  |                     |           |      |          |      |
| Toluene                    | ND                             | 0.050 |           |             |  |                     |           |      |          |      |
| Ethylbenzene               | ND                             | 0.050 |           |             |  |                     |           |      |          |      |
| Xylenes, Total             | ND                             | 0.10  |           |             |  |                     |           |      |          |      |
| Surr: 4-Bromofluorobenzene | 0.92                           |       | 1.000     |             | 91.8   | 70                  | 130       |      |          |      |

| Sample ID: <b>lcs-61209</b> | SampType: <b>LCS</b>            |       |           |             | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |           |      |          |      |
|-----------------------------|---------------------------------|-------|-----------|-------------|--|---------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61209</b>          |       |           |             | RunNo: <b>79701</b>                          |                     |           |      |          |      |
| Prep Date: <b>7/9/2021</b>  | Analysis Date: <b>7/10/2021</b> |       |           |             | SeqNo: <b>2803700</b>                        | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                     | Result                          | PQL   | SPK value | SPK Ref Val | %REC   | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 0.96                            | 0.025 | 1.000     | 0           | 96.0   | 80                  | 120       |      |          |      |
| Toluene                     | 0.97                            | 0.050 | 1.000     | 0           | 96.6   | 80                  | 120       |      |          |      |
| Ethylbenzene                | 0.98                            | 0.050 | 1.000     | 0           | 97.7   | 80                  | 120       |      |          |      |
| Xylenes, Total              | 2.9                             | 0.10  | 3.000     | 0           | 98.0   | 80                  | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 0.92                            |       | 1.000     |             | 91.9   | 70                  | 130       |      |          |      |

| Sample ID: <b>mb-61209</b> | SampType: <b>MBLK</b>           |       |           |             | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |           |      |          |      |
|----------------------------|---------------------------------|-------|-----------|-------------|--|---------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>      | Batch ID: <b>61209</b>          |       |           |             | RunNo: <b>79701</b>                          |                     |           |      |          |      |
| Prep Date: <b>7/9/2021</b> | Analysis Date: <b>7/10/2021</b> |       |           |             | SeqNo: <b>2803701</b>                        | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                    | Result                          | PQL   | SPK value | SPK Ref Val | %REC   | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                    | ND                              | 0.025 |           |             |  |                     |           |      |          |      |
| Toluene                    | ND                              | 0.050 |           |             |  |                     |           |      |          |      |
| Ethylbenzene               | ND                              | 0.050 |           |             |  |                     |           |      |          |      |
| Xylenes, Total             | ND                              | 0.10  |           |             |  |                     |           |      |          |      |
| Surr: 4-Bromofluorobenzene | 0.90                            |       | 1.000     |             | 89.8   | 70                  | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107284

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates AS Fee Battery

| Sample ID: <b>2107284-007ams</b> | SampType: <b>MS</b>             | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |             |      |          |           |      |          |      |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>TP1-15</b>         | Batch ID: <b>61209</b>          | RunNo: <b>79701</b>                          |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/9/2021</b>       | Analysis Date: <b>7/10/2021</b> | SeqNo: <b>2803703</b>                        | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                          | Result                          | PQL  | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                          | 0.93                            | 0.024  | 0.9643              | 0           | 96.8 | 80       | 120       |      |          |      |
| Toluene                          | 0.94                            | 0.048  | 0.9643              | 0           | 97.0 | 80       | 120       |      |          |      |
| Ethylbenzene                     | 0.96                            | 0.048  | 0.9643              | 0           | 99.4 | 80       | 120       |      |          |      |
| Xylenes, Total                   | 2.9                             | 0.096  | 2.893               | 0           | 99.6 | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene       | 0.90                            |  | 0.9643              |             | 93.7 | 70       | 130       |      |          |      |

| Sample ID: <b>2107284-007amsd</b> | SampType: <b>MSD</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |             |      |          |           |      |          |      |
|-----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>TP1-15</b>          | Batch ID: <b>61209</b>          | RunNo: <b>79701</b>                          |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/9/2021</b>        | Analysis Date: <b>7/10/2021</b> | SeqNo: <b>2803705</b>                        | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                           | Result                          | PQL  | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                           | 0.96                            | 0.024  | 0.9597              | 0           | 100  | 80       | 120       | 3.00 | 20       |      |
| Toluene                           | 0.97                            | 0.048  | 0.9597              | 0           | 102  | 80       | 120       | 4.11 | 20       |      |
| Ethylbenzene                      | 1.0                             | 0.048  | 0.9597              | 0           | 104  | 80       | 120       | 4.17 | 20       |      |
| Xylenes, Total                    | 3.0                             | 0.096  | 2.879               | 0           | 104  | 80       | 120       | 4.19 | 20       |      |
| Surr: 4-Bromofluorobenzene        | 0.90                            |  | 0.9597              |             | 94.1 | 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

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 16 of 17

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107284

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates AS Fee Battery

| Sample ID: <b>lcs-61329</b>   | SampType: <b>LCS</b>            |     |           | TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b> |      |                     |           |      |          |      |
|-------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>61329</b>          |     |           | RunNo: <b>79856</b>                                   |      |                     |           |      |          |      |
| Prep Date: <b>7/15/2021</b>   | Analysis Date: <b>7/16/2021</b> |     |           | SeqNo: <b>2809408</b>                                 |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                       | Result                          | PQL | SPK value | SPK Ref Val   | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 24                              | 5.0 | 25.00     | 0   | 97.4 | 70                  | 130       |      |          |      |
| Surr: BFB                     | 480                             |     | 500.0     |   | 96.0 | 70                  | 130       |      |          |      |

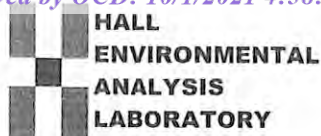
| Sample ID: <b>mb-61329</b>    | SampType: <b>MBLK</b>           |     |           | TestCode: <b>EPA Method 8015D Mod: Gasoline Range</b> |      |                     |           |      |          |      |
|-------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>61329</b>          |     |           | RunNo: <b>79856</b>                                   |      |                     |           |      |          |      |
| Prep Date: <b>7/15/2021</b>   | Analysis Date: <b>7/16/2021</b> |     |           | SeqNo: <b>2809409</b>                                 |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                       | Result                          | PQL | SPK value | SPK Ref Val   | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                              | 5.0 |           |   |      |                     |           |      |          |      |
| Surr: BFB                     | 480                             |     | 500.0     |   | 96.3 | 70                  | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 17 of 17



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: 2107284

RcptNo: 1

Received By: Cheyenne Cason

7/8/2021 7:30:00 AM

*CC*

Completed By: Desiree Dominguez

7/8/2021 10:27:13 AM

*DD*

Reviewed By:

*JD 7/8/21*

### 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  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? 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?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

(<2 or >12 unless noted)

Adjusted?

Checked by: *SPA 7.8.21*

### Special Handling (if applicable)

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

Person Notified:

Date:

By Whom:

Via:

☐ eMail☐ Phone☐ Fax☐ In Person

Regarding:

Client Instructions:

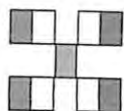
16. Additional remarks:

### 17. Cooler Information

| Cooler No | Temp °C | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|---------|-----------|-------------|---------|-----------|-----------|
| 1         | 5.0     | Good      |             |         |           |           |

## Chain-of-Custody Record

|   |       |   |                  |
|---|-------|---|------------------|
| Client: GHDI  |       | Turn-Around Time:   |                  |
| Mailing Address:  |       | <input checked="" type="checkbox"/> Standard <input type="checkbox"/> Rush <u>5-day</u> |                  |
| 324 W. Main St. Suite 108, Artesia NM 88210   |       | Project Name:   |                  |
| Phone #: (505)377-4218  |       | <u>Utes AS &amp; Bitter</u>   |                  |
| email or Fax#: <u>Becky.Haskell@ghd.com</u>   |       | Project #:  |                  |
| QA/QC Package:  |       | <u>11228101</u>   |                  |
| <input type="checkbox"/> Standard <input type="checkbox"/> Level 4 (Full Validation)                                |       | Project Manager:  |                  |
| Accreditation: <input type="checkbox"/> Az Compliance <input type="checkbox"/> NELAC <input type="checkbox"/> Other |       | Becky Haskell   |                  |
| <input type="checkbox"/> EDD (Type)   |       | Tom Larson  |                  |
| Sampler:  |       | Zach Comino   |                  |
| On Ice: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No   |       |   |                  |
| # of Coolers:   |       |   |                  |
| Cooler Temp (including CF): <u>4.9 + 0.1 = 5.0</u>  |       |   |                  |
| Date  | Time  | Matrix  | Sample Name      |
| 09/06/20  | 0935  | S   | TP2-13           |
|   | 0945  |   | TP2-16           |
|   | 0955  |   | TP2-20           |
|   | 1020  |   | TP3-16           |
|   | 1030  |   | TP3-20           |
|   | 1050  |   | TP4-10           |
|   | 1240  |   | TP4-15           |
|   | 1250  |   | TP1-20           |
|   | 1325  |   | TP5-8            |
|   | 1400  |   | TP5-10           |
|   | 1415  |   | TP4-6            |
|   | 1430  |   | TP4-12           |
| Date:   | Time: | Relinquished by:  | Relinquished by: |
| 09/06/20  | 0800  | Zach Comino   | Zach Comino      |
| Date:   | Time: | Relinquished by:  | Relinquished by: |
| 09/06/20  | 1900  | Zach Comino   | Zach Comino      |



# HALL ENVIRONMENTAL ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

|                            |                            |                            |                    |                          |               |  |            |                 |                                 |                     |                         |                         |
|----------------------------|----------------------------|----------------------------|--------------------|--------------------------|---------------|--|------------|-----------------|---------------------------------|---------------------|-------------------------|-------------------------|
| 8081 Pesticides/8082 PCB's | 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 <sub>3</sub> , NO <sub>2</sub> , PO <sub>4</sub> , SO <sub>4</sub> | 8260 (VOA) | 8270 (Semi-VOA) | Total Coliform (Present/Absent) | Chloride Method 300 | Lab num. if TP3-16 & 15 | Lab num. if TP1-15 & 16 |
| STEX / MTBE / TMB's (8021) | 2                          | 2                          | 2                  | 2                        | 2             | 2  | 2          | 2               | 2                               | 2                   | 2                       | 2                       |

Remarks: Please email: Chase\_Settle@eogresources.com;  
Tom.Larson@ghd.com; Zach.Comino@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: [clients.hallenvironmental.com](http://clients.hallenvironmental.com)

July 19, 2021

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

RE: Yates As Fec Battery

OrderNo.: 2107397

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 24 sample(s) on 7/9/2021 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397**Lab ID:** 2107397-001**Collection Date:** 7/7/2021 8:15:00 AM**Client Sample ID:** TP8-6**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | 180    | 60     |      | mg/Kg | 20 | 7/14/2021 4:49:12 AM  | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.2    |      | mg/Kg | 1  | 7/13/2021 12:28:52 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 46     |      | mg/Kg | 1  | 7/13/2021 12:28:52 PM | 61232               |
| Surr: DNOP                                       | 75.0   | 70-130 |      | %Rec  | 1  | 7/13/2021 12:28:52 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7    |      | mg/Kg | 1  | 7/12/2021 1:54:57 PM  | 61219               |
| Surr: BFB  | 99.7   | 70-130 |      | %Rec  | 1  | 7/12/2021 1:54:57 PM  | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/12/2021 1:54:57 PM  | 61219               |
| Toluene  | ND     | 0.047  |      | mg/Kg | 1  | 7/12/2021 1:54:57 PM  | 61219               |
| Ethylbenzene                                     | ND     | 0.047  |      | mg/Kg | 1  | 7/12/2021 1:54:57 PM  | 61219               |
| Xylenes, Total                                   | ND     | 0.095  |      | mg/Kg | 1  | 7/12/2021 1:54:57 PM  | 61219               |
| Surr: 4-Bromofluorobenzene                       | 104    | 70-130 |      | %Rec  | 1  | 7/12/2021 1:54:57 PM  | 61219               |

**Lab ID:** 2107397-003**Collection Date:** 7/7/2021 8:30:00 AM**Client Sample ID:** TP18-S**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | ND     | 59     |      | mg/Kg | 20 | 7/14/2021 5:14:01 AM | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 43     | 9.1    |      | mg/Kg | 1  | 7/14/2021 6:07:34 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | 320    | 46     |      | mg/Kg | 1  | 7/14/2021 6:07:34 PM | 61232               |
| Surr: DNOP                                       | 89.9   | 70-130 |      | %Rec  | 1  | 7/14/2021 6:07:34 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 7/12/2021 4:17:47 PM | 61219               |
| Surr: BFB  | 96.5   | 70-130 |      | %Rec  | 1  | 7/12/2021 4:17:47 PM | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/12/2021 4:17:47 PM | 61219               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 7/12/2021 4:17:47 PM | 61219               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 7/12/2021 4:17:47 PM | 61219               |
| Xylenes, Total                                   | ND     | 0.096  |      | mg/Kg | 1  | 7/12/2021 4:17:47 PM | 61219               |
| Surr: 4-Bromofluorobenzene                       | 99.7   | 70-130 |      | %Rec  | 1  | 7/12/2021 4:17:47 PM | 61219               |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397

**Lab ID:** 2107397-004

**Collection Date:** 7/7/2021 8:40:00 AM

**Client Sample ID:** TP18-2

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | ND     | 60     |      | mg/Kg | 20 | 7/14/2021 5:26:26 AM | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.8    |      | mg/Kg | 1  | 7/13/2021 1:05:36 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 49     |      | mg/Kg | 1  | 7/13/2021 1:05:36 PM | 61232               |
| Surr: DNOP                                       | 70.4   | 70-130 |      | %Rec  | 1  | 7/13/2021 1:05:36 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7    |      | mg/Kg | 1  | 7/12/2021 4:41:35 PM | 61219               |
| Surr: BFB  | 98.2   | 70-130 |      | %Rec  | 1  | 7/12/2021 4:41:35 PM | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.023  |      | mg/Kg | 1  | 7/12/2021 4:41:35 PM | 61219               |
| Toluene  | ND     | 0.047  |      | mg/Kg | 1  | 7/12/2021 4:41:35 PM | 61219               |
| Ethylbenzene                                     | ND     | 0.047  |      | mg/Kg | 1  | 7/12/2021 4:41:35 PM | 61219               |
| Xylenes, Total                                   | ND     | 0.094  |      | mg/Kg | 1  | 7/12/2021 4:41:35 PM | 61219               |
| Surr: 4-Bromofluorobenzene                       | 102    | 70-130 |      | %Rec  | 1  | 7/12/2021 4:41:35 PM | 61219               |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397**Lab ID:** 2107397-005**Collection Date:** 7/7/2021 9:05:00 AM**Client Sample ID:** TP16-16**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 4800   | 150    |      | mg/Kg | 50 | 7/15/2021 4:57:53 PM | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 10     |      | mg/Kg | 1  | 7/13/2021 1:17:53 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 50     |      | mg/Kg | 1  | 7/13/2021 1:17:53 PM | 61232               |
| Surr: DNOP                                       | 79.6   | 70-130 |      | %Rec  | 1  | 7/13/2021 1:17:53 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 7/12/2021 5:05:22 PM | 61219               |
| Surr: BFB  | 101    | 70-130 |      | %Rec  | 1  | 7/12/2021 5:05:22 PM | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/12/2021 5:05:22 PM | 61219               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 7/12/2021 5:05:22 PM | 61219               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 7/12/2021 5:05:22 PM | 61219               |
| Xylenes, Total                                   | ND     | 0.096  |      | mg/Kg | 1  | 7/12/2021 5:05:22 PM | 61219               |
| Surr: 4-Bromofluorobenzene                       | 104    | 70-130 |      | %Rec  | 1  | 7/12/2021 5:05:22 PM | 61219               |

**Lab ID:** 2107397-006**Collection Date:** 7/7/2021 9:15:00 AM**Client Sample ID:** TP16-20**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 5000   | 150    |      | mg/Kg | 50 | 7/15/2021 5:10:18 PM | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.1    |      | mg/Kg | 1  | 7/13/2021 1:30:10 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 45     |      | mg/Kg | 1  | 7/13/2021 1:30:10 PM | 61232               |
| Surr: DNOP                                       | 79.8   | 70-130 |      | %Rec  | 1  | 7/13/2021 1:30:10 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/12/2021 5:29:09 PM | 61219               |
| Surr: BFB  | 101    | 70-130 |      | %Rec  | 1  | 7/12/2021 5:29:09 PM | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/12/2021 5:29:09 PM | 61219               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 5:29:09 PM | 61219               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 5:29:09 PM | 61219               |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 7/12/2021 5:29:09 PM | 61219               |
| Surr: 4-Bromofluorobenzene                       | 105    | 70-130 |      | %Rec  | 1  | 7/12/2021 5:29:09 PM | 61219               |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397

**Lab ID:** 2107397-007

**Collection Date:** 7/7/2021 9:45:00 AM

**Client Sample ID:** TP14-16

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF  | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|-----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |     |                      | Analyst: <b>VP</b>  |
| Chloride   | 6300   | 300    |      | mg/Kg | 100 | 7/15/2021 5:22:42 PM | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |     |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.2    |      | mg/Kg | 1   | 7/13/2021 1:42:28 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 46     |      | mg/Kg | 1   | 7/13/2021 1:42:28 PM | 61232               |
| Surr: DNOP                                       | 81.1   | 70-130 |      | %Rec  | 1   | 7/13/2021 1:42:28 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |     |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1   | 7/12/2021 5:52:55 PM | 61219               |
| Surr: BFB  | 99.8   | 70-130 |      | %Rec  | 1   | 7/12/2021 5:52:55 PM | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |     |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1   | 7/12/2021 5:52:55 PM | 61219               |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1   | 7/12/2021 5:52:55 PM | 61219               |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1   | 7/12/2021 5:52:55 PM | 61219               |
| Xylenes, Total                                   | ND     | 0.10   |      | mg/Kg | 1   | 7/12/2021 5:52:55 PM | 61219               |
| Surr: 4-Bromofluorobenzene                       | 104    | 70-130 |      | %Rec  | 1   | 7/12/2021 5:52:55 PM | 61219               |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397**Lab ID:** 2107397-008**Collection Date:** 7/7/2021 10:00:00 AM**Client Sample ID:** TP14-20**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF  | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|-----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |     |                      | Analyst: <b>VP</b>  |
| Chloride   | 7100   | 300    |      | mg/Kg | 100 | 7/15/2021 5:35:07 PM | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |     |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.3    |      | mg/Kg | 1   | 7/13/2021 1:54:56 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 46     |      | mg/Kg | 1   | 7/13/2021 1:54:56 PM | 61232               |
| Surr: DNOP                                       | 79.8   | 70-130 |      | %Rec  | 1   | 7/13/2021 1:54:56 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |     |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1   | 7/12/2021 6:16:41 PM | 61219               |
| Surr: BFB  | 99.4   | 70-130 |      | %Rec  | 1   | 7/12/2021 6:16:41 PM | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |     |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1   | 7/12/2021 6:16:41 PM | 61219               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1   | 7/12/2021 6:16:41 PM | 61219               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1   | 7/12/2021 6:16:41 PM | 61219               |
| Xylenes, Total                                   | ND     | 0.096  |      | mg/Kg | 1   | 7/12/2021 6:16:41 PM | 61219               |
| Surr: 4-Bromofluorobenzene                       | 102    | 70-130 |      | %Rec  | 1   | 7/12/2021 6:16:41 PM | 61219               |

**Lab ID:** 2107397-009**Collection Date:** 7/7/2021 10:50:00 AM**Client Sample ID:** TP12-16**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 5000   | 150    |      | mg/Kg | 50 | 7/15/2021 5:47:32 PM | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.2    |      | mg/Kg | 1  | 7/13/2021 2:07:20 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 46     |      | mg/Kg | 1  | 7/13/2021 2:07:20 PM | 61232               |
| Surr: DNOP                                       | 81.4   | 70-130 |      | %Rec  | 1  | 7/13/2021 2:07:20 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.7    |      | mg/Kg | 1  | 7/12/2021 6:40:26 PM | 61219               |
| Surr: BFB  | 99.9   | 70-130 |      | %Rec  | 1  | 7/12/2021 6:40:26 PM | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/12/2021 6:40:26 PM | 61219               |
| Toluene  | ND     | 0.047  |      | mg/Kg | 1  | 7/12/2021 6:40:26 PM | 61219               |
| Ethylbenzene                                     | ND     | 0.047  |      | mg/Kg | 1  | 7/12/2021 6:40:26 PM | 61219               |
| Xylenes, Total                                   | ND     | 0.095  |      | mg/Kg | 1  | 7/12/2021 6:40:26 PM | 61219               |
| Surr: 4-Bromofluorobenzene                       | 103    | 70-130 |      | %Rec  | 1  | 7/12/2021 6:40:26 PM | 61219               |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397

**Lab ID:** 2107397-010

**Collection Date:** 7/7/2021 11:00:00 AM

**Client Sample ID:** TP12-20

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | 4200   | 150    |      | mg/Kg | 50 | 7/15/2021 5:59:57 PM | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 8.6    |      | mg/Kg | 1  | 7/13/2021 2:19:46 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 43     |      | mg/Kg | 1  | 7/13/2021 2:19:46 PM | 61232               |
| Surr: DNOP                                       | 81.6   | 70-130 |      | %Rec  | 1  | 7/13/2021 2:19:46 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/12/2021 7:04:06 PM | 61219               |
| Surr: BFB  | 102    | 70-130 |      | %Rec  | 1  | 7/12/2021 7:04:06 PM | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/12/2021 7:04:06 PM | 61219               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 7:04:06 PM | 61219               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 7:04:06 PM | 61219               |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 7/12/2021 7:04:06 PM | 61219               |
| Surr: 4-Bromofluorobenzene                       | 106    | 70-130 |      | %Rec  | 1  | 7/12/2021 7:04:06 PM | 61219               |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397**Lab ID:** 2107397-011**Collection Date:** 7/7/2021 12:30:00 PM**Client Sample ID:** TP19-S**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | ND     | 60     |      | mg/Kg | 20 | 7/14/2021 7:18:06 AM  | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | 110    | 99     |      | mg/Kg | 10 | 7/13/2021 11:31:02 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | 570    | 500    |      | mg/Kg | 10 | 7/13/2021 11:31:02 PM | 61232               |
| Surr: DNOP                                       | 0      | 70-130 | S    | %Rec  | 10 | 7/13/2021 11:31:02 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/12/2021 7:51:28 PM  | 61219               |
| Surr: BFB  | 96.7   | 70-130 |      | %Rec  | 1  | 7/12/2021 7:51:28 PM  | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/12/2021 7:51:28 PM  | 61219               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 7:51:28 PM  | 61219               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 7:51:28 PM  | 61219               |
| Xylenes, Total                                   | ND     | 0.097  |      | mg/Kg | 1  | 7/12/2021 7:51:28 PM  | 61219               |
| Surr: 4-Bromofluorobenzene                       | 101    | 70-130 |      | %Rec  | 1  | 7/12/2021 7:51:28 PM  | 61219               |

**Lab ID:** 2107397-012**Collection Date:** 7/7/2021 12:40:00 PM**Client Sample ID:** TP19-2**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID            |
|--|--------|--------|------|-------|----|----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b>  |
| Chloride   | ND     | 60     |      | mg/Kg | 20 | 7/14/2021 7:30:30 AM | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.2    |      | mg/Kg | 1  | 7/13/2021 9:54:02 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 46     |      | mg/Kg | 1  | 7/13/2021 9:54:02 PM | 61232               |
| Surr: DNOP                                       | 71.5   | 70-130 |      | %Rec  | 1  | 7/13/2021 9:54:02 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/12/2021 8:38:46 PM | 61219               |
| Surr: BFB  | 96.6   | 70-130 |      | %Rec  | 1  | 7/12/2021 8:38:46 PM | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/12/2021 8:38:46 PM | 61219               |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 8:38:46 PM | 61219               |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 8:38:46 PM | 61219               |
| Xylenes, Total                                   | ND     | 0.099  |      | mg/Kg | 1  | 7/12/2021 8:38:46 PM | 61219               |
| Surr: 4-Bromofluorobenzene                       | 100    | 70-130 |      | %Rec  | 1  | 7/12/2021 8:38:46 PM | 61219               |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397**Lab ID:** 2107397-013**Collection Date:** 7/7/2021 12:50:00 PM**Client Sample ID:** TP20-S**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID           |
|--|--------|--------|------|-------|----|----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b> |
| Chloride   | ND     | 60     |      | mg/Kg | 20 | 7/14/2021 7:42:54 AM | 61269              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 9.1    |      | mg/Kg | 1  | 7/14/2021 4:53:42 PM | 61233              |
| Motor Oil Range Organics (MRO)                   | 64     | 46     |      | mg/Kg | 1  | 7/14/2021 4:53:42 PM | 61233              |
| Surr: DNOP                                       | 110    | 70-130 |      | %Rec  | 1  | 7/14/2021 4:53:42 PM | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/12/2021 7:07:00 PM | 61227              |
| Surr: BFB  | 114    | 70-130 |      | %Rec  | 1  | 7/12/2021 7:07:00 PM | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/12/2021 7:07:00 PM | 61227              |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 7:07:00 PM | 61227              |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 7:07:00 PM | 61227              |
| Xylenes, Total                                   | ND     | 0.097  |      | mg/Kg | 1  | 7/12/2021 7:07:00 PM | 61227              |
| Surr: 4-Bromofluorobenzene                       | 113    | 70-130 |      | %Rec  | 1  | 7/12/2021 7:07:00 PM | 61227              |

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

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

Page 8 of 21

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397**Lab ID:** 2107397-014**Collection Date:** 7/7/2021 1:15:00 PM**Client Sample ID:** TP20-2**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed        | Batch ID           |
|--|--------|--------|------|-------|----|----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                      | Analyst: <b>VP</b> |
| Chloride   | ND     | 60     |      | mg/Kg | 20 | 7/14/2021 7:55:18 AM | 61269              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                      | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 9.4    |      | mg/Kg | 1  | 7/13/2021 5:27:59 PM | 61233              |
| Motor Oil Range Organics (MRO)                   | ND     | 47     |      | mg/Kg | 1  | 7/13/2021 5:27:59 PM | 61233              |
| Surr: DNOP                                       | 97.8   | 70-130 |      | %Rec  | 1  | 7/13/2021 5:27:59 PM | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                      | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/12/2021 8:06:00 PM | 61227              |
| Surr: BFB  | 114    | 70-130 |      | %Rec  | 1  | 7/12/2021 8:06:00 PM | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                      | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/12/2021 8:06:00 PM | 61227              |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 8:06:00 PM | 61227              |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 7/12/2021 8:06:00 PM | 61227              |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 7/12/2021 8:06:00 PM | 61227              |
| Surr: 4-Bromofluorobenzene                       | 114    | 70-130 |      | %Rec  | 1  | 7/12/2021 8:06:00 PM | 61227              |

**Lab ID:** 2107397-015**Collection Date:** 7/7/2021 1:25:00 PM**Client Sample ID:** TP21-2**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF  | Date Analyzed        | Batch ID           |
|--|--------|--------|------|-------|-----|----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |     |                      | Analyst: <b>VP</b> |
| Chloride   | 6400   | 300    |      | mg/Kg | 100 | 7/15/2021 6:12:22 PM | 61287              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |     |                      | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 9.5    |      | mg/Kg | 1   | 7/13/2021 5:52:03 PM | 61233              |
| Motor Oil Range Organics (MRO)                   | ND     | 48     |      | mg/Kg | 1   | 7/13/2021 5:52:03 PM | 61233              |
| Surr: DNOP                                       | 111    | 70-130 |      | %Rec  | 1   | 7/13/2021 5:52:03 PM | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |     |                      | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1   | 7/12/2021 9:06:00 PM | 61227              |
| Surr: BFB  | 116    | 70-130 |      | %Rec  | 1   | 7/12/2021 9:06:00 PM | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |     |                      | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1   | 7/12/2021 9:06:00 PM | 61227              |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1   | 7/12/2021 9:06:00 PM | 61227              |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1   | 7/12/2021 9:06:00 PM | 61227              |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1   | 7/12/2021 9:06:00 PM | 61227              |
| Surr: 4-Bromofluorobenzene                       | 115    | 70-130 |      | %Rec  | 1   | 7/12/2021 9:06:00 PM | 61227              |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397

**Lab ID:** 2107397-016

**Collection Date:** 7/7/2021 1:30:00 PM

**Client Sample ID:** TP21-8

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF  | Date Analyzed        | Batch ID           |
|--|--------|--------|------|-------|-----|----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |     |                      | Analyst: <b>VP</b> |
| Chloride   | 6700   | 300    |      | mg/Kg | 100 | 7/15/2021 6:24:47 PM | 61287              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |     |                      | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 8.2    |      | mg/Kg | 1   | 7/13/2021 6:16:06 PM | 61233              |
| Motor Oil Range Organics (MRO)                   | ND     | 41     |      | mg/Kg | 1   | 7/13/2021 6:16:06 PM | 61233              |
| Surr: DNOP                                       | 112    | 70-130 |      | %Rec  | 1   | 7/13/2021 6:16:06 PM | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |     |                      | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1   | 7/12/2021 9:26:00 PM | 61227              |
| Surr: BFB  | 112    | 70-130 |      | %Rec  | 1   | 7/12/2021 9:26:00 PM | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |     |                      | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1   | 7/12/2021 9:26:00 PM | 61227              |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1   | 7/12/2021 9:26:00 PM | 61227              |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1   | 7/12/2021 9:26:00 PM | 61227              |
| Xylenes, Total                                   | ND     | 0.097  |      | mg/Kg | 1   | 7/12/2021 9:26:00 PM | 61227              |
| Surr: 4-Bromofluorobenzene                       | 113    | 70-130 |      | %Rec  | 1   | 7/12/2021 9:26:00 PM | 61227              |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397**Lab ID:** 2107397-017**Collection Date:** 7/7/2021 1:50:00 PM**Client Sample ID:** TP21-15**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF  | Date Analyzed        | Batch ID           |
|--|--------|--------|------|-------|-----|----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |     |                      | Analyst: <b>VP</b> |
| Chloride   | 7300   | 300    |      | mg/Kg | 100 | 7/15/2021 6:37:12 PM | 61287              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |     |                      | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 9.2    |      | mg/Kg | 1   | 7/13/2021 6:40:06 PM | 61233              |
| Motor Oil Range Organics (MRO)                   | ND     | 46     |      | mg/Kg | 1   | 7/13/2021 6:40:06 PM | 61233              |
| Surr: DNOP                                       | 96.5   | 70-130 |      | %Rec  | 1   | 7/13/2021 6:40:06 PM | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |     |                      | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1   | 7/12/2021 9:46:00 PM | 61227              |
| Surr: BFB  | 117    | 70-130 |      | %Rec  | 1   | 7/12/2021 9:46:00 PM | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |     |                      | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1   | 7/12/2021 9:46:00 PM | 61227              |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1   | 7/12/2021 9:46:00 PM | 61227              |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1   | 7/12/2021 9:46:00 PM | 61227              |
| Xylenes, Total                                   | ND     | 0.099  |      | mg/Kg | 1   | 7/12/2021 9:46:00 PM | 61227              |
| Surr: 4-Bromofluorobenzene                       | 117    | 70-130 |      | %Rec  | 1   | 7/12/2021 9:46:00 PM | 61227              |

**Lab ID:** 2107397-018**Collection Date:** 7/7/2021 2:00:00 PM**Client Sample ID:** TP21-20**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF  | Date Analyzed         | Batch ID           |
|--|--------|--------|------|-------|-----|-----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |     |                       | Analyst: <b>VP</b> |
| Chloride   | 6900   | 300    |      | mg/Kg | 100 | 7/15/2021 6:49:37 PM  | 61287              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |     |                       | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 9.9    |      | mg/Kg | 1   | 7/13/2021 7:04:03 PM  | 61233              |
| Motor Oil Range Organics (MRO)                   | ND     | 49     |      | mg/Kg | 1   | 7/13/2021 7:04:03 PM  | 61233              |
| Surr: DNOP                                       | 97.8   | 70-130 |      | %Rec  | 1   | 7/13/2021 7:04:03 PM  | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |     |                       | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1   | 7/12/2021 10:06:00 PM | 61227              |
| Surr: BFB  | 115    | 70-130 |      | %Rec  | 1   | 7/12/2021 10:06:00 PM | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |     |                       | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1   | 7/12/2021 10:06:00 PM | 61227              |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1   | 7/12/2021 10:06:00 PM | 61227              |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1   | 7/12/2021 10:06:00 PM | 61227              |
| Xylenes, Total                                   | ND     | 0.099  |      | mg/Kg | 1   | 7/12/2021 10:06:00 PM | 61227              |
| Surr: 4-Bromofluorobenzene                       | 114    | 70-130 |      | %Rec  | 1   | 7/12/2021 10:06:00 PM | 61227              |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397

**Lab ID:** 2107397-019

**Collection Date:** 7/7/2021 3:05:00 PM

**Client Sample ID:** TP11-8

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID           |
|--|--------|--------|------|-------|----|-----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b> |
| Chloride   | 150    | 59     |      | mg/Kg | 20 | 7/14/2021 11:44:45 AM | 61287              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | 32     | 9.3    |      | mg/Kg | 1  | 7/14/2021 5:42:40 PM  | 61233              |
| Motor Oil Range Organics (MRO)                   | 120    | 46     |      | mg/Kg | 1  | 7/14/2021 5:42:40 PM  | 61233              |
| Surr: DNOP                                       | 97.2   | 70-130 |      | %Rec  | 1  | 7/14/2021 5:42:40 PM  | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1  | 7/12/2021 11:26:00 PM | 61227              |
| Surr: BFB  | 114    | 70-130 |      | %Rec  | 1  | 7/12/2021 11:26:00 PM | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/12/2021 11:26:00 PM | 61227              |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1  | 7/12/2021 11:26:00 PM | 61227              |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1  | 7/12/2021 11:26:00 PM | 61227              |
| Xylenes, Total                                   | ND     | 0.10   |      | mg/Kg | 1  | 7/12/2021 11:26:00 PM | 61227              |
| Surr: 4-Bromofluorobenzene                       | 113    | 70-130 |      | %Rec  | 1  | 7/12/2021 11:26:00 PM | 61227              |

**Lab ID:** 2107397-020

**Collection Date:** 7/7/2021 3:20:00 PM

**Client Sample ID:** TP11-12

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID           |
|--|--------|--------|------|-------|----|-----------------------|--------------------|
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 9.7    |      | mg/Kg | 1  | 7/13/2021 7:52:08 PM  | 61233              |
| Motor Oil Range Organics (MRO)                   | ND     | 49     |      | mg/Kg | 1  | 7/13/2021 7:52:08 PM  | 61233              |
| Surr: DNOP                                       | 97.3   | 70-130 |      | %Rec  | 1  | 7/13/2021 7:52:08 PM  | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1  | 7/12/2021 11:46:00 PM | 61227              |
| Surr: BFB  | 113    | 70-130 |      | %Rec  | 1  | 7/12/2021 11:46:00 PM | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/12/2021 11:46:00 PM | 61227              |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1  | 7/12/2021 11:46:00 PM | 61227              |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1  | 7/12/2021 11:46:00 PM | 61227              |
| Xylenes, Total                                   | ND     | 0.099  |      | mg/Kg | 1  | 7/12/2021 11:46:00 PM | 61227              |
| Surr: 4-Bromofluorobenzene                       | 112    | 70-130 |      | %Rec  | 1  | 7/12/2021 11:46:00 PM | 61227              |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397**Lab ID:** 2107397-021**Collection Date:** 7/7/2021 3:45:00 PM**Client Sample ID:** TP10-12**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID           |
|--|--------|--------|------|-------|----|-----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b> |
| Chloride   | 220    | 60     |      | mg/Kg | 20 | 7/14/2021 12:09:34 PM | 61287              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 8.6    |      | mg/Kg | 1  | 7/13/2021 8:16:30 PM  | 61233              |
| Motor Oil Range Organics (MRO)                   | ND     | 43     |      | mg/Kg | 1  | 7/13/2021 8:16:30 PM  | 61233              |
| Surr: DNOP                                       | 96.1   | 70-130 |      | %Rec  | 1  | 7/13/2021 8:16:30 PM  | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1  | 7/13/2021 12:06:00 AM | 61227              |
| Surr: BFB  | 109    | 70-130 |      | %Rec  | 1  | 7/13/2021 12:06:00 AM | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/13/2021 12:06:00 AM | 61227              |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1  | 7/13/2021 12:06:00 AM | 61227              |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1  | 7/13/2021 12:06:00 AM | 61227              |
| Xylenes, Total                                   | ND     | 0.099  |      | mg/Kg | 1  | 7/13/2021 12:06:00 AM | 61227              |
| Surr: 4-Bromofluorobenzene                       | 110    | 70-130 |      | %Rec  | 1  | 7/13/2021 12:06:00 AM | 61227              |

**Lab ID:** 2107397-023**Collection Date:** 7/7/2021 4:05:00 PM**Client Sample ID:** TP22-S**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID           |
|--|--------|--------|------|-------|----|-----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b> |
| Chloride   | ND     | 60     |      | mg/Kg | 20 | 7/14/2021 12:34:24 PM | 61287              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 9.3    |      | mg/Kg | 1  | 7/13/2021 9:05:12 PM  | 61233              |
| Motor Oil Range Organics (MRO)                   | ND     | 47     |      | mg/Kg | 1  | 7/13/2021 9:05:12 PM  | 61233              |
| Surr: DNOP                                       | 134    | 70-130 | S    | %Rec  | 1  | 7/13/2021 9:05:12 PM  | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/13/2021 12:46:00 AM | 61227              |
| Surr: BFB  | 111    | 70-130 |      | %Rec  | 1  | 7/13/2021 12:46:00 AM | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/13/2021 12:46:00 AM | 61227              |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 7/13/2021 12:46:00 AM | 61227              |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 7/13/2021 12:46:00 AM | 61227              |
| Xylenes, Total                                   | ND     | 0.098  |      | mg/Kg | 1  | 7/13/2021 12:46:00 AM | 61227              |
| Surr: 4-Bromofluorobenzene                       | 111    | 70-130 |      | %Rec  | 1  | 7/13/2021 12:46:00 AM | 61227              |

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

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

## Analytical Report

Lab Order: 2107397

Date Reported: 7/19/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fec Battery

**Lab Order:** 2107397

**Lab ID:** 2107397-024

**Collection Date:** 7/7/2021 4:15:00 PM

**Client Sample ID:** TP22-2

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID           |
|--|--------|--------|------|-------|----|-----------------------|--------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b> |
| Chloride   | ND     | 59     |      | mg/Kg | 20 | 7/14/2021 12:46:48 PM | 61287              |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b> |
| Diesel Range Organics (DRO)                      | ND     | 9.9    |      | mg/Kg | 1  | 7/13/2021 9:29:34 PM  | 61233              |
| Motor Oil Range Organics (MRO)                   | ND     | 50     |      | mg/Kg | 1  | 7/13/2021 9:29:34 PM  | 61233              |
| Surr: DNOP                                       | 120    | 70-130 |      | %Rec  | 1  | 7/13/2021 9:29:34 PM  | 61233              |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.9    |      | mg/Kg | 1  | 7/13/2021 1:06:00 AM  | 61227              |
| Surr: BFB  | 111    | 70-130 |      | %Rec  | 1  | 7/13/2021 1:06:00 AM  | 61227              |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>mb</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/13/2021 1:06:00 AM  | 61227              |
| Toluene  | ND     | 0.049  |      | mg/Kg | 1  | 7/13/2021 1:06:00 AM  | 61227              |
| Ethylbenzene                                     | ND     | 0.049  |      | mg/Kg | 1  | 7/13/2021 1:06:00 AM  | 61227              |
| Xylenes, Total                                   | ND     | 0.099  |      | mg/Kg | 1  | 7/13/2021 1:06:00 AM  | 61227              |
| Surr: 4-Bromofluorobenzene                       | 111    | 70-130 |      | %Rec  | 1  | 7/13/2021 1:06:00 AM  | 61227              |

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

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

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107397

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates As Fec Battery

| Sample ID: <b>MB-61269</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>61269</b>          | RunNo: <b>79769</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/13/2021</b> | Analysis Date: <b>7/14/2021</b> | SeqNo: <b>2806234</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | ND                              | 1.5                                       |                     |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-61269</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61269</b>          | RunNo: <b>79769</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/13/2021</b> | Analysis Date: <b>7/14/2021</b> | SeqNo: <b>2806235</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | 14                              | 1.5                                       | 15.00               | 0           | 95.1 | 90       | 110       |      |          |      |

| Sample ID: <b>MB-61287</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>61287</b>          | RunNo: <b>79791</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/14/2021</b> | Analysis Date: <b>7/14/2021</b> | SeqNo: <b>2808214</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | ND                              | 1.5                                       |                     |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-61287</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61287</b>          | RunNo: <b>79791</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/14/2021</b> | Analysis Date: <b>7/14/2021</b> | SeqNo: <b>2808215</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | 14                              | 1.5                                       | 15.00               | 0           | 91.8 | 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

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 15 of 21

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107397

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates As Fec Battery

| Sample ID: <b>MB-61232</b>     | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>61232</b>          | RunNo: <b>79755</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/12/2021</b>    | Analysis Date: <b>7/13/2021</b> | SeqNo: <b>2805596</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                        | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                              | 10   |           |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                              | 50   |           |             |      |          |           |      |          |      |
| Surr: DNOP                     | 9.0                             |  | 10.00     |             | 89.8 | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-61232</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61232</b>          | RunNo: <b>79755</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/12/2021</b> | Analysis Date: <b>7/13/2021</b> | SeqNo: <b>2805597</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47                              | 10   | 50.00     | 0           | 93.1 | 68.9     | 141       |      |          |      |
| Surr: DNOP                  | 4.6                             |  | 5.000     |             | 91.7 | 70       | 130       |      |          |      |

| Sample ID: <b>MB-61233</b>     | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|--------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>61233</b>          | RunNo: <b>79756</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/12/2021</b>    | Analysis Date: <b>7/13/2021</b> | SeqNo: <b>2806322</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                        | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                              | 10   |           |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                              | 50   |           |             |      |          |           |      |          |      |
| Surr: DNOP                     | 11                              |  | 10.00     |             | 114  | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-61233</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61233</b>          | RunNo: <b>79756</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/12/2021</b> | Analysis Date: <b>7/13/2021</b> | SeqNo: <b>2806323</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 46                              | 10   | 50.00     | 0           | 92.9 | 68.9     | 141       |      |          |      |
| Surr: DNOP                  | 5.6                             |  | 5.000     |             | 111  | 70       | 130       |      |          |      |

| Sample ID: <b>2107397-013AMS</b> | SampType: <b>MS</b>             | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |           |             |      |          |           |      |          |      |
|----------------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>TP20-S</b>         | Batch ID: <b>61233</b>          | RunNo: <b>79790</b>  |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/12/2021</b>      | Analysis Date: <b>7/14/2021</b> | SeqNo: <b>2807640</b> Units: <b>mg/Kg</b>                  |           |             |      |          |           |      |          |      |
| Analyte                          | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)      | 55                              | 9.4  | 46.95     | 5.996       | 104  | 15       | 184       |      |          |      |
| Surr: DNOP                       | 6.4                             |  | 4.695     |             | 137  | 70       | 130       |      |          | S    |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 16 of 21

# QC SUMMARY REPORT

## Hall Environmental Analysis Laboratory, Inc.

WO#: 2107397

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates As Fec Battery

|                                   |                                 |  |                     |             |      |          |           |      |          |      |
|-----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Sample ID: <b>2107397-013AMSD</b> | SampType: <b>MSD</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |                     |             |      |          |           |      |          |      |
| Client ID: <b>TP20-S</b>          | Batch ID: <b>61233</b>          | RunNo: <b>79790</b>  |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/12/2021</b>       | Analysis Date: <b>7/14/2021</b> | SeqNo: <b>2807642</b>                                      | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                           | Result                          | PQL  | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)       | 36                              | 9.6  | 47.85               | 5.996       | 61.7 | 15       | 184       | 42.6 | 23.9     | R    |
| Surr: DNOP                        | 4.7                             |  | 4.785               |             | 97.8 | 70       | 130       | 0    | 0        |      |

### Qualifiers:

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

Page 17 of 21

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107397

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates As Fec Battery

| Sample ID: <b>mb-61219</b>    | SampType: <b>MBLK</b>           |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|-------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>61219</b>          |     |           | RunNo: <b>79735</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/9/2021</b>    | Analysis Date: <b>7/12/2021</b> |     |           | SeqNo: <b>2804597</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                       | Result                          | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                              | 5.0 |           |   |      |                     |           |      |          |      |
| Surr: BFB                     | 960                             |     | 1000      |   | 95.6 | 70                  | 130       |      |          |      |

| Sample ID: <b>lcs-61219</b>   | SampType: <b>LCS</b>            |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|-------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>61219</b>          |     |           | RunNo: <b>79735</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/9/2021</b>    | Analysis Date: <b>7/12/2021</b> |     |           | SeqNo: <b>2804598</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                       | Result                          | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23                              | 5.0 | 25.00     | 0   | 93.5 | 78.6                | 131       |      |          |      |
| Surr: BFB                     | 1100                            |     | 1000      |   | 108  | 70                  | 130       |      |          |      |

| Sample ID: <b>mb-61227</b>    | SampType: <b>MBLK</b>           |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|-------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>61227</b>          |     |           | RunNo: <b>79725</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/10/2021</b>   | Analysis Date: <b>7/12/2021</b> |     |           | SeqNo: <b>2804718</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| 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: <b>lcs-61227</b>   | SampType: <b>LCS</b>            |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|-------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>61227</b>          |     |           | RunNo: <b>79725</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/10/2021</b>   | Analysis Date: <b>7/12/2021</b> |     |           | SeqNo: <b>2804719</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                       | Result                          | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 22                              | 5.0 | 25.00     | 0   | 88.7 | 78.6                | 131       |      |          |      |
| Surr: BFB                     | 1300                            |     | 1000      |   | 127  | 70                  | 130       |      |          |      |

| Sample ID: <b>2107397-013ams</b> | SampType: <b>MS</b>             |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|----------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>TP20-S</b>         | Batch ID: <b>61227</b>          |     |           | RunNo: <b>79725</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/10/2021</b>      | Analysis Date: <b>7/12/2021</b> |     |           | SeqNo: <b>2804720</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                          | Result                          | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO)    | 21                              | 4.9 | 24.65     | 0   | 84.5 | 61.3                | 114       |      |          |      |
| Surr: BFB                        | 1200                            |     | 986.2     |   | 126  | 70                  | 130       |      |          |      |

| Sample ID: <b>2107397-013amsd</b> | SampType: <b>MSD</b>            |     |           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |      |                     |           |      |          |      |
|-----------------------------------|---------------------------------|-----|-----------|---|------|---------------------|-----------|------|----------|------|
| Client ID: <b>TP20-S</b>          | Batch ID: <b>61227</b>          |     |           | RunNo: <b>79725</b>                               |      |                     |           |      |          |      |
| Prep Date: <b>7/10/2021</b>       | Analysis Date: <b>7/12/2021</b> |     |           | SeqNo: <b>2804721</b>                             |      | Units: <b>mg/Kg</b> |           |      |          |      |
| Analyte                           | Result                          | PQL | SPK value | SPK Ref Val                                       | %REC | LowLimit            | HighLimit | %RPD | RPDLimit | Qual |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 18 of 21

QC SUMMARY REPORT

Hall Environmental Analysis Laboratory, Inc.

WO#: 2107397

19-Jul-21

Client: GHD Midland

Project: Yates As Fec Battery

|                               |        |                          |           |  |      |              |           |      |          |      |
|-------------------------------|--------|--------------------------|-----------|--|------|--------------|-----------|------|----------|------|
| Sample ID: 2107397-013amsd    |        | SampType: MSD            |           | TestCode: EPA Method 8015D: Gasoline Range |      |              |           |      |          |      |
| Client ID: TP20-S             |        | Batch ID: 61227          |           | RunNo: 79725                               |      |              |           |      |          |      |
| Prep Date: 7/10/2021          |        | Analysis Date: 7/12/2021 |           | SeqNo: 2804721                             |      | Units: mg/Kg |           |      |          |      |
| Analyte                       | Result | PQL                      | SPK value | SPK Ref Val                                | %REC | LowLimit     | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 21     | 5.0                      | 24.75     | 0  | 86.6 | 61.3         | 114       | 2.87 | 20       |      |
| Surr: BFB                     | 1200   |                          | 990.1     |  | 122  | 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

B Analyte detected in the associated Method Blank

E Value above quantitation range

J Analyte detected below quantitation limits

P Sample pH Not In Range

RL Reporting Limit

Page 19 of 21

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107397

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates As Fec Battery

| Sample ID: <b>mb-61219</b> | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>      | Batch ID: <b>61219</b>          | RunNo: <b>79735</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/9/2021</b> | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804627</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| 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 | 0.99                            |  | 1.000     |             | 98.7 | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-61219</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61219</b>          | RunNo: <b>79735</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/9/2021</b>  | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804628</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 1.0                             | 0.025  | 1.000     | 0           | 99.6 | 80       | 120       |      |          |      |
| Toluene                     | 1.0                             | 0.050  | 1.000     | 0           | 100  | 80       | 120       |      |          |      |
| Ethylbenzene                | 1.0                             | 0.050  | 1.000     | 0           | 101  | 80       | 120       |      |          |      |
| Xylenes, Total              | 3.0                             | 0.10   | 3.000     | 0           | 101  | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 1.1                             |  | 1.000     |             | 106  | 70       | 130       |      |          |      |

| Sample ID: <b>mb-61227</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>61227</b>          | RunNo: <b>79725</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/10/2021</b> | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804759</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| 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  | 1.1                             |  | 1.000     |             | 114  | 70       | 130       |      |          |      |

| Sample ID: <b>lcs-61227</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |           |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|-----------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61227</b>          | RunNo: <b>79725</b>                          |           |             |      |          |           |      |          |      |
| Prep Date: <b>7/10/2021</b> | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804760</b> Units: <b>mg/Kg</b>    |           |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 0.95                            | 0.025  | 1.000     | 0           | 95.2 | 80       | 120       |      |          |      |
| Toluene                     | 0.95                            | 0.050  | 1.000     | 0           | 95.4 | 80       | 120       |      |          |      |
| Ethylbenzene                | 0.98                            | 0.050  | 1.000     | 0           | 98.2 | 80       | 120       |      |          |      |
| Xylenes, Total              | 3.0                             | 0.10   | 3.000     | 0           | 98.4 | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 1.2                             |  | 1.000     |             | 116  | 70       | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 20 of 21

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107397

19-Jul-21

**Client:** GHD Midland  
**Project:** Yates As Fec Battery

| Sample ID: <b>2107397-014ams</b> | SampType: <b>MS</b>             | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |             |      |          |           |      |          |      |
|----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>TP20-2</b>         | Batch ID: <b>61227</b>          | RunNo: <b>79725</b>                          |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/10/2021</b>      | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804761</b>                        | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                          | Result                          | PQL  | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                          | 0.95                            | 0.024  | 0.9728              | 0           | 97.2 | 80       | 120       |      |          |      |
| Toluene                          | 0.98                            | 0.049  | 0.9728              | 0           | 101  | 80       | 120       |      |          |      |
| Ethylbenzene                     | 1.0                             | 0.049  | 0.9728              | 0           | 103  | 80       | 120       |      |          |      |
| Xylenes, Total                   | 3.0                             | 0.097  | 2.918               | 0           | 103  | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene       | 1.1                             |  | 0.9728              |             | 114  | 70       | 130       |      |          |      |

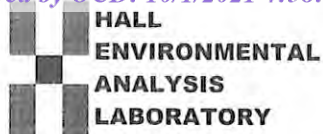
| Sample ID: <b>2107397-014amsd</b> | SampType: <b>MSD</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |             |      |          |           |       |          |      |
|-----------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|-------|----------|------|
| Client ID: <b>TP20-2</b>          | Batch ID: <b>61227</b>          | RunNo: <b>79725</b>                          |                     |             |      |          |           |       |          |      |
| Prep Date: <b>7/10/2021</b>       | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804762</b>                        | Units: <b>mg/Kg</b> |             |      |          |           |       |          |      |
| Analyte                           | Result                          | PQL  | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD  | RPDLimit | Qual |
| Benzene                           | 0.94                            | 0.025  | 0.9911              | 0           | 95.2 | 80       | 120       | 0.227 | 20       |      |
| Toluene                           | 0.96                            | 0.050  | 0.9911              | 0           | 97.3 | 80       | 120       | 1.36  | 20       |      |
| Ethylbenzene                      | 1.0                             | 0.050  | 0.9911              | 0           | 101  | 80       | 120       | 0.147 | 20       |      |
| Xylenes, Total                    | 3.0                             | 0.099  | 2.973               | 0           | 102  | 80       | 120       | 0.131 | 20       |      |
| Surr: 4-Bromofluorobenzene        | 1.1                             |  | 0.9911              |             | 114  | 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

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 21 of 21



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: 2107397

RcptNo: 1

Received By: Cheyenne Cason

7/9/2021 7:15:00 AM

Completed By: Sean Livingston

7/9/2021 9:52:57 AM

Reviewed By:

JR7/9/21

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  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? 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?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐

# of preserved  
bottles checked  
for pH:

( $\leq 2$  or  $>12$  unless noted)

Adjusted?

Checked by: MRG 7/9/21

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 $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1         | 5.9                     | Good      |             |         |           |           |
| 2         | 4.8                     | 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](mailto: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:

Vibes AS Fee Battery

Project #:

11228401

Project Manager:

Becky Haskell

Tom Larson

Sampler: Zach Comino

On Ice: ☒ Yes ☐ No

# of Coolers: 2

Cooler Temp (including CF): See Remarks

Container Type and #

Preservative Type

HEAL No.

Jew 013

014

015

016

017

018

019

020

021

022

023

024

Date: 07/01/2021

Time: 0800

Date: 7/8/21

Time: 1900

Relinquished by: Zach Comino

Relinquished by: Becky Haskell

Relinquished by: Zach Comino

Relinquished by: Becky Haskell

Received by: Zach Comino

Received by: Becky Haskell

Received by: Zach Comino

Received by: Becky Haskell

Date: 7/1/21

Time: 800

Date: 7/1/21

Time: 0715

Via: Zach Comino

Via: Becky Haskell

Via: Zach Comino

Via: Becky Haskell

Date: 7/1/21

Time: 800

Date: 7/1/21

Time: 0715

Via: Zach Comino

Via: Becky Haskell

Via: Zach Comino

Via: Becky Haskell

Relinquished by: Zach Comino

Relinquished by: Becky Haskell

Relinquished by: Zach Comino

Relinquished by: Becky Haskell

Date: 7/1/21

Time: 800

Date: 7/1/21

Time: 0715

Via: Zach Comino

Via: Becky Haskell

Via: Zach Comino

Via: Becky Haskell

Date: 7/1/21

Time: 800

Date: 7/1/21

Time: 0715

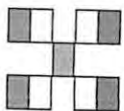
Via: Zach Comino

Via: Becky Haskell

Via: Zach Comino

Via: Becky Haskell

242

HALL ENVIRONMENTAL  
ANALYSIS LABORATORY

www.hallenvironmental.com

4901 Hawkins NE - Albuquerque, NM 87109

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

## Analysis Request

BTEX / MIBT / TMBs (8024)

TPH: 8015D (GRO / DRO / MRO)

8081 Pesticides / 8082 PCBs

EDB (Method 504.1)

PAHs by 8310 or 8270SIMS

RCRA 8 Metals

Cl, F, Br, NO<sub>3</sub>, NO<sub>2</sub>, PO<sub>4</sub>, SO<sub>4</sub>

8260 (VOA)

8270 (Semi-VOA)

Total Coliform (Present/Absent)

Run out if TP1-8 fails

Run out if TP10-12 fails

Remarks: Please email: Chase\_Settle@eogresources.com;  
Tom.Larson@ghd.com; Zach.Comino@ghd.com: Along with  
5.9-0-5.9 Becky Haskell listed above.  
4.8-0-4.8 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: [clients.hallenvironmental.com](http://clients.hallenvironmental.com)

July 15, 2021

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

RE: Yates As Fee Battery

OrderNo.: 2107396

Dear Tom Larson:

Hall Environmental Analysis Laboratory received 2 sample(s) on 7/9/2021 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](http://www.hallenvironmental.com) or the state specific web sites. In order to properly interpret your results, it is imperative that you review this report in its entirety. See the sample checklist and/or the Chain of Custody for information regarding the sample receipt temperature and preservation. Data qualifiers or a narrative will be provided if the sample analysis or analytical quality control parameters require a flag. When necessary, data qualifiers are provided on both the sample analysis report and the QC summary report, both sections should be reviewed. All samples are reported, as received, unless otherwise indicated. Lab measurement of analytes considered field parameters that require analysis within 15 minutes of sampling such as pH and residual chlorine are qualified as being analyzed outside of the recommended holding time.

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

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

Sincerely,

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

Andy Freeman  
Laboratory Manager  
4901 Hawkins NE  
Albuquerque, NM 87109

## Analytical Report

Lab Order: 2107396

Date Reported: 7/15/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fee Battery

**Lab Order:** 2107396

**Lab ID:** 2107396-001

**Collection Date:** 7/8/2021 7:20:00 AM

**Client Sample ID:** TP23-S

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | ND     | 61     |      | mg/Kg | 20 | 7/14/2021 4:24:23 AM  | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.8    |      | mg/Kg | 1  | 7/13/2021 10:42:45 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 49     |      | mg/Kg | 1  | 7/13/2021 10:42:45 PM | 61232               |
| Surr: DNOP                                       | 84.3   | 70-130 |      | %Rec  | 1  | 7/13/2021 10:42:45 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 4.8    |      | mg/Kg | 1  | 7/12/2021 1:07:25 PM  | 61219               |
| Surr: BFB  | 97.6   | 70-130 |      | %Rec  | 1  | 7/12/2021 1:07:25 PM  | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.024  |      | mg/Kg | 1  | 7/12/2021 1:07:25 PM  | 61219               |
| Toluene  | ND     | 0.048  |      | mg/Kg | 1  | 7/12/2021 1:07:25 PM  | 61219               |
| Ethylbenzene                                     | ND     | 0.048  |      | mg/Kg | 1  | 7/12/2021 1:07:25 PM  | 61219               |
| Xylenes, Total                                   | ND     | 0.096  |      | mg/Kg | 1  | 7/12/2021 1:07:25 PM  | 61219               |
| Surr: 4-Bromofluorobenzene                       | 102    | 70-130 |      | %Rec  | 1  | 7/12/2021 1:07:25 PM  | 61219               |

**Lab ID:** 2107396-002

**Collection Date:** 7/8/2021 7:25:00 AM

**Client Sample ID:** TP23-2

**Matrix:** SOIL

| Analyses   | Result | RL     | Qual | Units | DF | Date Analyzed         | Batch ID            |
|--|--------|--------|------|-------|----|-----------------------|---------------------|
| <b>EPA METHOD 300.0: ANIONS</b>                  |        |        |      |       |    |                       | Analyst: <b>VP</b>  |
| Chloride   | ND     | 60     |      | mg/Kg | 20 | 7/14/2021 4:36:47 AM  | 61269               |
| <b>EPA METHOD 8015M/D: DIESEL RANGE ORGANICS</b> |        |        |      |       |    |                       | Analyst: <b>SB</b>  |
| Diesel Range Organics (DRO)                      | ND     | 9.5    |      | mg/Kg | 1  | 7/13/2021 12:16:45 PM | 61232               |
| Motor Oil Range Organics (MRO)                   | ND     | 48     |      | mg/Kg | 1  | 7/13/2021 12:16:45 PM | 61232               |
| Surr: DNOP                                       | 74.3   | 70-130 |      | %Rec  | 1  | 7/13/2021 12:16:45 PM | 61232               |
| <b>EPA METHOD 8015D: GASOLINE RANGE</b>          |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Gasoline Range Organics (GRO)                    | ND     | 5.0    |      | mg/Kg | 1  | 7/12/2021 1:31:09 PM  | 61219               |
| Surr: BFB  | 97.7   | 70-130 |      | %Rec  | 1  | 7/12/2021 1:31:09 PM  | 61219               |
| <b>EPA METHOD 8021B: VOLATILES</b>               |        |        |      |       |    |                       | Analyst: <b>NSB</b> |
| Benzene  | ND     | 0.025  |      | mg/Kg | 1  | 7/12/2021 1:31:09 PM  | 61219               |
| Toluene  | ND     | 0.050  |      | mg/Kg | 1  | 7/12/2021 1:31:09 PM  | 61219               |
| Ethylbenzene                                     | ND     | 0.050  |      | mg/Kg | 1  | 7/12/2021 1:31:09 PM  | 61219               |
| Xylenes, Total                                   | ND     | 0.10   |      | mg/Kg | 1  | 7/12/2021 1:31:09 PM  | 61219               |
| Surr: 4-Bromofluorobenzene                       | 102    | 70-130 |      | %Rec  | 1  | 7/12/2021 1:31:09 PM  | 61219               |

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

**Qualifiers:**

- \* Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quantitative Limit
- S % Recovery outside of range due to dilution or matrix

- B Analyte detected in the associated Method Blank
- E Value above quantitation range
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 1 of 6

## Analytical Report

Lab Order: 2107396

Date Reported: 7/15/2021

## Hall Environmental Analysis Laboratory, Inc.

**CLIENT:** GHD Midland  
**Project:** Yates As Fee Battery

**Lab Order:** 2107396

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

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

Page 2 of 6

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107396

15-Jul-21

**Client:** GHD Midland  
**Project:** Yates As Fee Battery

| Sample ID: <b>MB-61269</b>  | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>       | Batch ID: <b>61269</b>          | RunNo: <b>79769</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/13/2021</b> | Analysis Date: <b>7/14/2021</b> | SeqNo: <b>2806234</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | ND                              | 1.5                                       |                     |             |      |          |           |      |          |      |

| Sample ID: <b>LCS-61269</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 300.0: Anions</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61269</b>          | RunNo: <b>79769</b>                       |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/13/2021</b> | Analysis Date: <b>7/14/2021</b> | SeqNo: <b>2806235</b>                     | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL                                       | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Chloride                    | 14                              | 1.5                                       | 15.00               | 0           | 95.1 | 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

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

Page 3 of 6

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107396

15-Jul-21

**Client:** GHD Midland  
**Project:** Yates As Fee Battery

| Sample ID: <b>MB-61232</b>     | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |                     |             |      |          |           |      |          |      |
|--------------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>          | Batch ID: <b>61232</b>          | RunNo: <b>79755</b>  |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/12/2021</b>    | Analysis Date: <b>7/13/2021</b> | SeqNo: <b>2805596</b>                                      | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                        | Result                          | PQL  | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO)    | ND                              | 10   |                     |             |      |          |           |      |          |      |
| Motor Oil Range Organics (MRO) | ND                              | 50   |                     |             |      |          |           |      |          |      |
| Surr: DNOP                     | 9.0                             |  | 10.00               |             | 89.8 | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-61232</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015M/D: Diesel Range Organics</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61232</b>          | RunNo: <b>79755</b>  |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/12/2021</b> | Analysis Date: <b>7/13/2021</b> | SeqNo: <b>2805597</b>                                      | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Diesel Range Organics (DRO) | 47                              | 10   | 50.00               | 0           | 93.1 | 68.9     | 141       |      |          |      |
| Surr: DNOP                  | 4.6                             |  | 5.000               |             | 91.7 | 70       | 130       |      |          |      |

**Qualifiers:**

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

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107396

15-Jul-21

**Client:** GHD Midland  
**Project:** Yates As Fee Battery

| Sample ID: <b>mb-61219</b>    | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |                     |             |      |          |           |      |          |      |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>         | Batch ID: <b>61219</b>          | RunNo: <b>79735</b>                               |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/9/2021</b>    | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804597</b>                             | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                       | Result                          | PQL   | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | ND                              | 5.0   |                     |             |      |          |           |      |          |      |
| Surr: BFB                     | 960                             |   | 1000                |             | 95.6 | 70       | 130       |      |          |      |

| Sample ID: <b>lcs-61219</b>   | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8015D: Gasoline Range</b> |                     |             |      |          |           |      |          |      |
|-------------------------------|---------------------------------|---|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>        | Batch ID: <b>61219</b>          | RunNo: <b>79735</b>                               |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/9/2021</b>    | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804598</b>                             | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                       | Result                          | PQL   | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Gasoline Range Organics (GRO) | 23                              | 5.0   | 25.00               | 0           | 93.5 | 78.6     | 131       |      |          |      |
| Surr: BFB                     | 1100                            |   | 1000                |             | 108  | 70       | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit

**QC SUMMARY REPORT****Hall Environmental Analysis Laboratory, Inc.**

WO#: 2107396

15-Jul-21

**Client:** GHD Midland  
**Project:** Yates As Fee Battery

| Sample ID: <b>mb-61219</b> | SampType: <b>MBLK</b>           | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |             |      |          |           |      |          |      |
|----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>PBS</b>      | Batch ID: <b>61219</b>          | RunNo: <b>79735</b>                          |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/9/2021</b> | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804627</b>                        | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| 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 | 0.99                            |  | 1.000               |             | 98.7 | 70       | 130       |      |          |      |

| Sample ID: <b>LCS-61219</b> | SampType: <b>LCS</b>            | TestCode: <b>EPA Method 8021B: Volatiles</b> |                     |             |      |          |           |      |          |      |
|-----------------------------|---------------------------------|--|---------------------|-------------|------|----------|-----------|------|----------|------|
| Client ID: <b>LCSS</b>      | Batch ID: <b>61219</b>          | RunNo: <b>79735</b>                          |                     |             |      |          |           |      |          |      |
| Prep Date: <b>7/9/2021</b>  | Analysis Date: <b>7/12/2021</b> | SeqNo: <b>2804628</b>                        | Units: <b>mg/Kg</b> |             |      |          |           |      |          |      |
| Analyte                     | Result                          | PQL  | SPK value           | SPK Ref Val | %REC | LowLimit | HighLimit | %RPD | RPDLimit | Qual |
| Benzene                     | 1.0                             | 0.025  | 1.000               | 0           | 99.6 | 80       | 120       |      |          |      |
| Toluene                     | 1.0                             | 0.050  | 1.000               | 0           | 100  | 80       | 120       |      |          |      |
| Ethylbenzene                | 1.0                             | 0.050  | 1.000               | 0           | 101  | 80       | 120       |      |          |      |
| Xylenes, Total              | 3.0                             | 0.10   | 3.000               | 0           | 101  | 80       | 120       |      |          |      |
| Surr: 4-Bromofluorobenzene  | 1.1                             |  | 1.000               |             | 106  | 70       | 130       |      |          |      |

**Qualifiers:**

\* Value exceeds Maximum Contaminant Level.  
D Sample Diluted Due to Matrix  
H Holding times for preparation or analysis exceeded  
ND Not Detected at the Reporting Limit  
PQL Practical Quantitative Limit  
S % Recovery outside of range due to dilution or matrix

B Analyte detected in the associated Method Blank  
E Value above quantitation range  
J Analyte detected below quantitation limits  
P Sample pH Not In Range  
RL Reporting Limit



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

## Sample Log-In Check List

Client Name: GHD Midland

Work Order Number: 2107396

RcptNo: 1

Received By: Cheyenne Cason 7/9/2021 7:15:00 AM

Completed By: Sean Livingston 7/9/2021 9:49:10 AM

Reviewed By: SPA 7.9.21

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  $>0^{\circ}\text{C}$  to  $6.0^{\circ}\text{C}$ ? 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?  
(Note discrepancies on chain of custody) Yes ☒ No ☐
12. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
13. Is it clear what analyses were requested? Yes ☒ No ☐
14. Were all holding times able to be met?  
(If no, notify customer for authorization.) Yes ☒ No ☐
- # of preserved bottles checked for pH: 3  
( $<2$  or  $>12$  unless noted)  
Adjusted? Yes  
Checked by: JR 7/9/21

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 $^{\circ}\text{C}$ | Condition | Seal Intact | Seal No | Seal Date | Signed By |
|-----------|-------------------------|-----------|-------------|---------|-----------|-----------|
| 1         | 5.9                     | Good      |             |         |           |           |
| 2         | 4.8                     | Good      |             |         |           |           |



|                |                |
|----------------|----------------|
| Incident ID    | nAPP2111230058 |
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

## Remediation Plan


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

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

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

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

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

Printed Name: Chase Settle Title: Rep Safety & Environmental Sr  
Signature:  Date: 09/30/2021  
email: Chase\_Settle@eogresources.com Telephone: 575-748-1471

**OCD Only**

Received by: Robert Hamlet Date: 2/16/2022

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

Signature:  Date: 2/16/2022

**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 53400

**CONDITIONS**

|  |   |
|--|---|
| Operator:<br>EOG RESOURCES INC<br>P.O. Box 2267<br>Midland, TX 79702 | OGRID:<br>7377  |
|  | Action Number:<br>53400                                   |
|  | Action Type:<br>[C-141] Release Corrective Action (C-141) |

**CONDITIONS**

| Created By | Condition  | Condition Date |
|------------|--|----------------|
| rhamlet    | The Remediation Plan is Conditionally Approved. All off pad areas must contain a minimum of 4 feet non-waste containing uncontaminated, earthen material with chloride concentrations less than 600 mg/kg and less than 100 mg/kg for TPH. In the pasture area, 4 feet below the ground surface, soil contamination limits revert back to Table 1 "Closure Criteria for Soils Impacted by a Release" included in the spill rule. Soil contamination levels need to meet closure criteria standards for proven depth to water determination. Please make sure all groundwater data is included in closure report summary. Sidewall samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. Please collect confirmation samples, representing no more than 200 ft2. | 2/16/2022      |