

# SITE CHARACTERIZATION, ASSESSMENT, AND PROPOSED REMEDIATION PLAN

DAYTON RECYCLE LAYFLAT LINE 32.710048, -104.344324 UNIT A, SECTION 35 T18S-R26E EDDY COUNTY, NEW MEXICO NMOCD INCIDENT ID # nAPP2326254488

**PREPARED FOR:** 

SILVERBACK OPERATING 108 S 4TH STREET ARTESIA, NEW MEXICO 88210

PREPARED BY:

RANGER ENVIRONMENTAL SERVICES, LLC. P.O. BOX 201179 AUSTIN, TEXAS 78720

**NOVEMBER 28, 2023** 

Mr. William Kierdorf, REM Project Manager

Mr. Patrick K. Finn, P.G. (TX) Project Geologist

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## **FORM C-141**

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- Attachment 2 Photographic Documentation
- Attachment 3 Laboratory Analytical Reports



## SITE CHARACTERIZATION, ASSESSMENT, AND PROPOSED REMEDIATION PLAN

## DAYTON RECYCLE LAYFLAT LINE 32.710048, -104.344324 EDDY COUNTY, NEW MEXICO NMOCD INCIDENT ID #nAPP2326254488

## 1.0 SITE LOCATION AND BACKGROUND

The Dayton Recycle Layflat Line (Site) is a poly flowline transporting recycled produced water operated by Silverback Operating II, LLC (Silverback) in Eddy County, New Mexico. The Site is located on private property, approximately 9.6 miles south-southeast of Artesia, in Unit A, Section 35, T18S-R26E at GPS coordinates 32.710048, -104.344324.

On September 16, 2023, a release was discovered from the Dayton Recycle Layflat water line. A failure of the aboveground line resulted in the release of an unknown volume of produced water. Upon discovery of the release, immediate action was taken to stop the release of fluids and a vacuum truck was dispatched which recovered approximately 230 barrels (bbls) of released fluids.

During the initial response, Silverback representatives documented the extent of the area that was observed to have been impacted by the release. The released fluids impacted an irregularly shaped area with maximum dimensions of approximately 1,178 feet by 228 feet. Due to the unknown volume and nature of the release, the incident was reported to the New Mexico Oil Conservation Division (NMOCD) (NMOCD Incident # nAPP2326254488). On October 4-5, 2023, representatives of Silverback conducted assessment activities to determine the extent and depth of impacts associated with the release incident.

Silverback has engaged Ranger Environmental Services, LLC (Ranger) to assist in the assessment and remediation efforts at the Site. The following report has been prepared to provide details of the site characterization and assessment, and a proposed remediation plan to address the impacts from the release.

A copy of the previously submitted Initial C-141 Form Release Notification is attached. Additionally, *Site Assessment/Characterization* and *Remediation Plan* sections of Form C-141 are attached. A *Topographic Map* and *Area Map* noting the location of the subject Site and surrounding areas, and Site maps illustrating the Site features, sampling locations, and proposed remediation areas, are provided in the Figures section.

## 2.0 SITE CHARACTERIZATION

## 2.1 <u>Depth-to-Groundwater</u>

To determine the depth-to-groundwater in the vicinity of the Site, data available from the U.S. Geological Survey (USGS) and the New Mexico Office of the State Engineer (NMOSE) was

reviewed. Based upon the USGS and NMOSE information, five water wells are reported to be located within a half-mile of the Site. However, the available records pertaining to these wells either lack depth-to-groundwater information, or contain depth-to-groundwater data which is older than the NMOCD acceptable time-frame of 25 years.

During a reconnaissance of the site area, Silverback representatives located a water well at a private residence to the north, and within a half-mile of, the Site. Upon contact, the owner of the well granted Silverback and Ranger representatives access to the well to collect a depth-togroundwater measurement. On September 27, 2023, Ranger personnel collected a depth-togroundwater measurement utilizing a Solinst 100-foot water level meter. At the time of gauging, groundwater was encountered at a depth of approximately 52.51 feet below ground surface (bgs).

Based on the current well gauging data collected by Ranger personnel, the area depth-togroundwater appears to be greater than 50 feet.

A copy of the reviewed depth-to-groundwater information is attached.

#### 2.2 <u>Wellhead Protection Area</u>

The USGS and NMOSE well records indicated that five water sources (RA-02627, RA-04018, RA-07243, RA-07242 and RA-07219) were located within a half-mile of the Site. Silverback representatives located an additional water well at a private residence to the north of the Site. These wells and their approximate distances from the Site are summarized below:

| <u>ID</u>                   | Distance from Site            |
|-----------------------------|-------------------------------|
| Domestic Water Well         | ~1,447 feet north-northwest   |
| RA 02672*                   | ~937 feet north-northwest**   |
| RA 07219                    | ~2,204 feet north**           |
| RA 07242 EXP / RA 07243 EXP | ~2,241 feet north-northwest** |
| RA 04018                    | ~2,400 feet north**           |

\*During field survey of area, no wells were observed in the vicinity of the reported location. \*\*Distance measurement based on NMOSE reported well location.

As summarized above, one well (RA 02672) was reported to be located within 1,000 feet of the Site; however, during field reconnaissance of the area, no water well was observed at the reported location or within 1,000 feet of the reported location.

Upon review of the National Wetland Inventory, the impacted area is not within 300 feet of a mapped feature.

The Site and impacted area are outside of the FEMA 100-year flood plain and fall in the area of minimal flood hazard.

The Site area is within an area of "Medium Karst" probability.

#### 2.3 <u>Distance to Nearest Significance Watercourse</u>

Based upon available online resources, no significant water courses are located within a half-mile of the site.

## 2.4 Proposed Site Closure Criteria

Based upon the Site characterization details, and per NMAC 19.15.29.12, the Site is proposed to be remediated to Table 1 19.15.29.12 NMAC Table 1 (groundwater 51-100 feet) criteria (Table 1 Closure Criteria). Additionally, the remediation activities will be conducted to bring the area into compliance with the Restoration, Reclamation and Re-Vegetation Criteria (Restoration Criteria) detailed in NMAC 19.15.29.13. The regulatory criteria are summarized below:

| REGULATORY STANDARD   | CHLORIDE | TPH<br>(GRO+DRO<br>+MRO) | TPH<br>(GRO+DRO) | BTEX | BENZENE |
|---|----------|--------------------------|------------------|------|---------|
| 19.15.29.12 NMAC Table 1 Closure<br>Criteria for Soils Impacted by a Release<br>(GW 51'-100') | 10,000   | 2,500                    | 1,000            | 50   | 10      |
| 19.15.29.13 NMAC Restoration,<br>Reclamation and Re-Vegetation<br>(Soils 0'-4')               | 600      | 100*                     |                  | 50*  | 10*     |

All Values Presented in Parts Per Million (mg/Kg)

\*Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.

## 3.0 SITE ASSESSMENT

#### 3.1 <u>Horizontal Delineation</u>

To determine the horizontal extent of impacts associated with the incident, representatives of Silverback mobilized to the Site on October 4, 2023. The assessment process included the installation of 14 hand auger soil borings strategically located around the boundaries of the observed impacted area. Based on the surficial nature of the release, the hand auger soil borings were completed to a maximum depth of approximately two feet bgs.

The encountered soils were field screened by Silverback representatives at the surface and at approximate one-foot intervals to the boring terminal depths. Field screening for soil chloride concentrations was performed through the collection of soil electrical conductivity readings and usage of chloride titration kits. Field screening for total petroleum hydrocarbons (TPH) was conducted using a PetroFLAG® analyzer kit. No elevated field chloride or TPH readings were encountered. To confirm the horizontal extent of the soil impacts, soil samples were collected for laboratory analysis at each boring location from the surface and two foot depth interval. The soil samples were subsequently submitted to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico for analysis of TPH using EPA Method 8015; benzene, toluene, ethylbenzene, and xylenes (BTEX) using EPA Method 8021; and, total chloride using EPA Method 300.0.

## 3.2 <u>Vertical Delineation</u>

In order to determine the vertical extent of impacts within the affected area, vertical soil delineation activities were completed on October 5, 2023. The assessment process included the installation of excavation test holes, the collection of soil samples for field screening purposes (using the methodologies described above), and the collection of soil samples for laboratory analysis. A

total of seven test excavations were completed in various locations within the observed impacted area.

The test excavations were primarily completed to a depth of four feet bgs, with one test excavation ("TP23-03") being completed to a maximum depth of eight feet bgs in order to vertically delineate soil chloride concentrations to within 600 mg/Kg as detailed in NMAC 19.15.29.11 (A)(5)(c). Test excavation "TP23-03" was selected for the deeper vertical delineation activities due its proximity to the release location and the likelihood of the most severe impacts being in this area, and because this test excavation was found to contain the highest soil electrical conductivity reading at the four-foot depth interval.

Within the impact area, samples noted to contain elevated field chloride concentrations were encountered in the surface to four-foot depth interval. To confirm the vertical extent of the soil impacts, soil samples were subsequently collected for laboratory analysis. A minimum of two soil samples were collected from each test excavation location at the surface and four-foot depth intervals. A total of four soil samples were collected for laboratory analysis from test excavation "TP23-03" which was completed to a terminal depth of eight feet bgs.

Upon collection, the soil samples were submitted to Hall Environmental Analysis Laboratory in Albuquerque, New Mexico for analysis of TPH, BTEX, and total chloride using the aforementioned laboratory methods.

#### 3.3 Assessment Sample Laboratory Results

Upon review of the laboratory analytical results, the samples collected during the October 4 and 5, 2023 assessment process were successful in delineating the soil impacts to boundaries within the proposed site closure criteria. All soil samples collected during the horizontal delineation activities were noted to contain nondetectable BTEX and TPH concentrations and chloride concentrations below the applicable 600 mg/Kg chloride Restoration Criteria.

The vertical delineation soil samples were also found to contain nondetectable BTEX and TPH concentrations; however, elevated soil chloride concentrations were documented to be present. All seven surface soil samples were documented to contain chloride concentrations in exceedance of both the Restoration Criteria and the Table 1 Closure Criteria. All samples collected at or below four feet bgs were documented to contain chloride concentrations below the Table 1 Closure Criteria. The vertical delineation soil samples collected from test excavation "TP23-03" documented that the vertical extent of the soil chloride impacts in excess of 600 mg/Kg had been delineated by an approximate depth of six feet bgs. The six-foot sample collected from test excavation "TP23-03" was found to contain 410 mg/Kg chloride which was well below the 600 mg/Kg NMAC 19.15.29.11 (A)(5)(c) vertical delineation criteria.

An *Assessment Sample Location Map* depicting the impact area and all assessment sample locations is attached. A table summarizing the laboratory analytical results is also attached, as well as copies of the laboratory analytical reports and chain-of-custody documentation.

#### 4.0 **PROPOSED REMEDIATION**

Based on the laboratory analytical results for the samples collected during the site assessment process, remedial action is necessary to address the impacts from the release. To address the impact the following activities are proposed:

# 4.1 <u>Remedial Soil Excavation and Confirmation Sampling</u>

To address the documented elevated soil chloride concentrations, remedial soil removal operations are proposed. Based on the impact area observed during the discovery of the release in conjunction with the findings of the assessment process, soil removal will be conducted in an area with maximum dimensions of approximately 1,180 feet by 230 feet. The soil removal operations will be completed to a depth of approximately four feet bgs to bring the site into compliance with the proposed site closure criteria for chloride.

During the excavation process, Silverback representatives will conduct field screening activities to assist in guiding the excavation to appropriate boundaries. To confirm the excavation has been completed to appropriate boundaries, cleanup confirmation soil samples will be collected from the excavation base and side wall areas. Based on the surficial nature of the release and the results of the horizontal and vertical delineation activities, it is proposed that the cleanup confirmation sampling be conducted by way of five-part composite samples representative of no more than 700 square feet. Based on the proposed excavation size, approximately 75 excavation base soil samples and 17 excavation side wall samples are anticipated to be collected.

Since no detectable BTEX or TPH concentrations were documented to be present in the site soils, it is further proposed that the analyses of the cleanup confirmation soil samples be limited to chloride utilizing an NMOCD approved laboratory method.

Upon receipt of the laboratory analytical results for the cleanup confirmation soil samples, the excavation side wall sample results will be compared to the 600 mg/Kg soil chloride Restoration Criteria. The samples collected from excavation base will be compared to the Table 1 Closure Criteria for Soils Impacted by a Release (GW 51'-100'). If a sample analytical result is found to exceed the applicable regulatory criteria, then additional soil removal operations will be completed and additional cleanup confirmation soil samples will be collected until the laboratory results confirm that the excavation activities have achieved the proposed site closure criteria.

## 5.0 SITE CLOSURE

Upon completion of the remedial and backfilling activities at the Site, a C-141 Closure Report will be submitted to the NMOCD, and site closure will be requested. The Closure Report will be completed in accordance with the closure reporting criteria detailed in NMAC 19.15.29.12(E).

# **FORM C-141**

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

State of New Mexico Energy Minerals and Natural **Resources Department** 

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

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

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

# **Release Notification**

# **Responsible Party**

| Responsible Party       | OGRID                        |
|-------------------------|------------------------------|
| Contact Name            | Contact Telephone            |
| Contact email           | Incident # (assigned by OCD) |
| Contact mailing address |                              |

# **Location of Release Source**

Longitude

| Latitude | Longitude                                       |
|----------|---|
|          | (NAD 83 in decimal degrees to 5 decimal places) |
|          |   |
| 0' N     |   |

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

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

Surface Owner: State Federal Tribal Private (Name: \_

# **Nature and Volume of Release**

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

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

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

| Was this a major<br>release as defined by<br>19.15.29.7(A) NMAC? | If YES, for what reason(s) does the responsible party consider this a major release?  |
|--|---|
| 🗌 Yes 🗌 No   |   |
|  |   |
| If VES was immediate n   | otice given to the OCD? By whom? To whom? When and by what means (phone, email, etc)? |
| II I ES, was infinediate in                                      | blue given to the OCD? By whom? To whom? when and by what means (phone, email, etc)?  |
|  |   |
|  |   |
| 1  |   |

# **Initial Response**

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

The source of the release has been stopped.

The impacted area has been secured to protect human health and the environment.

Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices.

All free liquids and recoverable materials have been removed and managed appropriately.

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

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

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

| Printed Name:              | Title:           |
|----------------------------|------------------|
| Signature: MA2             | e Ritchie Date:  |
| email:                     | Telephone:       |
|                            |                  |
| OCD Only                   |                  |
| Received by: Scott Rodgers | Date: 12/01/2023 |

# Site Assessment/Characterization

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

| What is the shallowest depth to groundwater beneath the area affected by the release?   | <u>~52' (ft bgs)</u> |
|---|----------------------|
| Did this release impact groundwater or surface water?   | 🗌 Yes 🛛 No           |
| Are the lateral extents of the release within 300 feet of a continuously flowing watercourse or any other significant watercourse?  | 🗌 Yes 🛛 No           |
| Are the lateral extents of the release within 200 feet of any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)?  | 🗌 Yes 🛛 No           |
| Are the lateral extents of the release within 300 feet of an occupied permanent residence, school, hospital, institution, or church?  | 🗌 Yes 🛛 No           |
| Are the lateral extents of the release within 500 horizontal feet of a spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes? | 🗌 Yes 🛛 No           |
| Are the lateral extents of the release within 1000 feet of any other fresh water well or spring?  | 🗌 Yes 🛛 No           |
| Are the lateral extents of the release within incorporated municipal boundaries or within a defined municipal fresh water well field?   | 🗌 Yes 🛛 No           |
| Are the lateral extents of the release within 300 feet of a wetland?  | 🗌 Yes 🛛 No           |
| Are the lateral extents of the release overlying a subsurface mine?   | 🗌 Yes 🛛 No           |
| Are the lateral extents of the release overlying an unstable area such as karst geology?  | 🗌 Yes 🛛 No           |
| Are the lateral extents of the release within a 100-year floodplain?  | 🗌 Yes 🛛 No           |
| Did the release impact areas <b>not</b> on an exploration, development, production, or storage site?  | 🛛 Yes 🗌 No           |

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

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

- Scaled site map showing impacted area, surface features, subsurface features, delineation points, and monitoring wells.
- Field data
- Data table of soil contaminant concentration data
- $\boxtimes$  Depth to water determination
- Determination of water sources and significant watercourses within <sup>1</sup>/<sub>2</sub>-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.

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| Received by OCD: 11   | 1/30/2023 4:53:21 PM<br>State of New Mexico   |  | Page 12 of 9   |   |  |  |  |
|---|---|--|--|---|--|--|--|
| F01111 C-141  |   |  | Incident ID  | NAPP2326254488  |  |  |  |
| Page 4  | Oil Conservation Division   |  | District RP  |   |  |  |  |
|   |   |  | Facility ID  |   |  |  |  |
|   |   |  | Application ID   |   |  |  |  |
| regulations all operator<br>public health or the en<br>failed to adequately in<br>addition, OCD accepts<br>and/or regulations.<br>Printed Name: <u>Ma</u><br>Signature: <u>Ma</u> | ne information given above is true and complete to the<br>ors are required to report and/or file certain release not<br>invironment. The acceptance of a C-141 report by the O<br>investigate and remediate contamination that pose a three<br>ance of a C-141 report does not relieve the operator of<br>ark Ritchie<br>Acceptation Acceptation<br>e@silverbackexp.com | ifications and perform co<br>DCD does not relieve the<br>eat to groundwater, surface | rrective actions for rele<br>operator of liability sho<br>ce water, human health<br>iance with any other feo<br>er | ases which may endanger<br>ould their operations have<br>or the environment. In |  |  |  |
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Remediation Plan Checklist: Each of the following items must be included in the plan.

| Incident ID    | NAPP2326254488 |
|----------------|----------------|
| District RP    |                |
| Facility ID    |                |
| Application ID |                |

# **Remediation 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. Mark Ritchie HSE Manager Printed Name: Title: \_ Ark Ritchie Date: 11/30/2023 Signature: mritchie@silverbackex.com Telephone: 210-874-2406 email: **OCD Only** Scott Rodgers 12/01/2023 Received by: Date: Approved Approved with Attached Conditions of Approval Denied Deferral Approved Signature: Scott Rodgers Date: 01/31/2024

# **FIGURES**

Topographic Map Area Map DTGW Information Location Map National Wetland Inventory Map FEMA Floodplain Map Karst Topography Map Assessment Sample Location Map Proposed Excavation Area Map

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# ATTACHMENT 1 – DEPTH-TO-GROUNDWATER INFORMATION



|                                     |       |                      | (quai              | ters are  | e 1=NV | W 2=N     | E 3=SV     | / 4=SE)               |           |                  |         |  |
|-------------------------------------|-------|----------------------|--------------------|-----------|--------|-----------|------------|-----------------------|-----------|------------------|---------|--|
|                                     |       |                      | (qua               | arters ar | re sma | allest to | argest     | (NAD83 UTM in meters) |           |                  |         |  |
| Well Tag                            | POD   | Number               | Q64                | Q16       | Q4     | Sec       | Tws        | Rng                   | Х         | Y                |         |  |
|                                     | RA (  | 02627                | 1                  | 2         | 2      | 35        | 18S        | 26E                   | 561169    | 3619382* 🧲       |         |  |
| Driller Lic                         | ense: |                      | Drille             | r Con     | npan   | ıy:       |            |                       |           |                  |         |  |
| Driller Na                          | me:   | WILLARD BEATY        |                    |           |        |           |            |                       |           |                  |         |  |
| <b>Drill Start Date:</b> 06/30/1950 |       |                      | Drill Finish Date: |           |        |           | 07/06/1950 |                       |           | Plug Date:       |         |  |
| Log File D                          | ate:  | 07/19/1951           | PCW Rcv Date:      |           |        |           | 06/07/1951 |                       |           | ource:           | Shallow |  |
| Ритр Тур                            | e:    |                      | Pipe l             | Discha    | arge   | Size:     | e:         |                       |           | Estimated Yield: |         |  |
| <b>Casing Siz</b>                   | e:    | 6.00                 | Depth              | Well      | :      |           | 7          | 5 feet                | D         | epth Water:      | 40 feet |  |
| (                                   | Wata  | r Bearing Stratifica | tions              |           | То     | n I       | Potton     | Descri                | intion    |                  |         |  |
|                                     | wate  | i bearing stratifica | uons.              |           | 10     | i de      | JULIUI     | Desch                 | iption    |                  |         |  |
|                                     |       |                      |                    |           | 6      | 53        | 70         | ) Sandst              | one/Grave | l/Conglomerate   | 2       |  |

\*UTM location was derived from PLSS - see Help

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.

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|                           |                   | (quarters are 1=NW 2=<br>(quarters are smallest | · · · · · · · · · · · · · · · · · · · | (NAD83 UTM in meters) |
|---------------------------|-------------------|---|---------------------------------------|-----------------------|
| Well Tag                  | <b>POD Number</b> | Q64 Q16 Q4 See                                  | e Tws Rng                             | X Y                   |
|                           | RA 04018          | 3 3 4 26  | 18S 26E                               | 560762 3619581* 🌍     |
| Driller Lic<br>Driller Na |                   | Driller Company:                                |                                       |                       |
| Drill Start               | Date:             | Drill Finish Date:                              |                                       | Plug Date:            |
| Log File D                | ate:              | PCW Rcv Date:                                   |                                       | Source:               |
| Pump Typ                  | e:                | Pipe Discharge Size                             | :                                     | Estimated Yield:      |
|                           |                   |   | 250 feet                              |                       |

\*UTM location was derived from PLSS - see Help

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|                                     |       |                    | (quarters a       | are 1=N            | W 2=N    | NE 3=SW    | 7 4=SE) |                       |                |         |  |  |
|-------------------------------------|-------|--------------------|-------------------|--------------------|----------|------------|---------|-----------------------|----------------|---------|--|--|
|                                     |       |                    | (quarters         | are sm             | allest t | o largest) |         | (NAD83 UTM in meters) |                |         |  |  |
| Well Tag                            | POD   | Number             | Q64 Q1            | 6 Q4               | Sec      | c Tws      | Rng     | Х                     | Y              |         |  |  |
|                                     | RA    | 07219              |                   | 4                  | 26       | 18S        | 26E     | 561064                | 3619883* 🌍     |         |  |  |
| x<br>Driller Lice                   | ense: | 749                | Driller Co        | ompa               | ny:      | HU         | GHES,   | SAMUEL I              | DALE           |         |  |  |
| Driller Nan                         | ne:   |                    |                   |                    |          |            |         |                       |                |         |  |  |
| <b>Drill Start Date:</b> 08/25/1983 |       |                    | <b>Drill Fini</b> | Drill Finish Date: |          |            |         | 83 <b>P</b> I         | Plug Date:     |         |  |  |
| Log File Date: 09/07/1983           |       |                    | PCW Rev           | 7 Date             | :        |            | So      | Source: Shallow       |                |         |  |  |
| Pump Type                           | e:    |                    | Pipe Disc         | harge              | Size     | :          | Es      | stimated Yield:       | 30 GPM         |         |  |  |
| Casing Size                         | e:    | 7.00               | Depth We          | Depth Well:        |          |            |         | D                     | epth Water:    | 50 feet |  |  |
| Х                                   | Wate  | er Bearing Stratif | ications:         | Т                  | op 🛛     | Bottom     | Desc    | ription               |                |         |  |  |
|                                     |       |                    |                   |                    | 50       | 85         | Sand    | stone/Grave           | l/Conglomerate |         |  |  |
| х                                   |       | Casing Per         | forations:        | Т                  | op 🛛     | Bottom     |         |                       |                |         |  |  |
|                                     |       |                    |                   |                    | 70       | 110        | )       |                       |                |         |  |  |
| x                                   |       |                    |                   |                    | 70       | 110        | )       |                       |                |         |  |  |

#### \*UTM location was derived from PLSS - see Help

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|                                     |       |                    | (quarter   | s are 1=N          | W 2=N    | NE 3=SW    | ′ 4=SE) |                         |                |  |  |
|-------------------------------------|-------|--------------------|------------|--------------------|----------|------------|---------|-------------------------|----------------|--|--|
|                                     |       |                    | (quarte    | ers are sma        | allest t | o largest) |         |                         |                |  |  |
| Well Tag                            | POD   | Number             | Q64 Q      | Q64 Q16 Q4         |          |            | Rng     | Х                       | Y              |  |  |
|                                     | RA    | 07242 EXP          |            | 3 4                | 26       | 18S        | 26E     | 560863                  | 3619682* 🌍     |  |  |
| x<br>Driller Lic                    | ense: | 749                | Driller (  | Compai             | ny:      | HU         | GHES,   | SAMUEL I                | DALE           |  |  |
| Driller Nai                         | me:   |                    |            |                    |          |            |         |                         |                |  |  |
| <b>Drill Start Date:</b> 09/20/1983 |       |                    | Drill Fi   | Drill Finish Date: |          |            |         | 83 <b>P</b> I           | Plug Date:     |  |  |
| Log File Date: 11/08/1983           |       |                    | PCW R      | cv Date            | :        |            | So      | Source: Shall           |                |  |  |
| Pump Type                           | e:    |                    | Pipe Dis   | scharge            | Size     | :          | Es      | <b>Estimated Yield:</b> |                |  |  |
| Casing Size                         | e:    | 7.00               | Depth V    | Vell:              |          | 10         | 02 feet | De                      | Depth Water:   |  |  |
| Х                                   | Wate  | er Bearing Stratif | ications:  | Te                 | op 🗉     | Bottom     | Desci   | ription                 |                |  |  |
|                                     |       |                    |            | :                  | 55       | 98         | Sands   | stone/Grave             | l/Conglomerate |  |  |
| х                                   |       | Casing Per         | forations: | orations: Top      |          |            | Bottom  |                         |                |  |  |
|                                     |       |                    |            | (                  | 50       | 102        | ;       |                         |                |  |  |
| X                                   |       |                    |            |                    |          |            |         |                         |                |  |  |

#### \*UTM location was derived from PLSS - see Help

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|                           |       |                    | (quarters  | are 1=N            | W 2=N   | VE 3=SW    | 4=SE)   |                 |                               |  |  |  |
|---------------------------|-------|--------------------|------------|--------------------|---------|------------|---------|-----------------|-------------------------------|--|--|--|
|                           |       |                    | (quarters  | s are sma          | llest t | o largest) |         | (NAD83 U        | JTM in meters)                |  |  |  |
| Well Tag                  | POD   | Number             | Q64 Q      | 16 Q4              | Sec     | Tws        | Rng     | X               | Y                             |  |  |  |
|                           | RA    | 07243 EXP          |            | 3 4                | 26      | 18S        | 26E     | 560863          | 3619682* 🔵                    |  |  |  |
| Driller Lic               | ense: | 749                | Driller C  | ompar              | ıy:     | HU         | GHES,   | SAMUEL          | DALE                          |  |  |  |
| Driller Nai               | me:   |                    |            |                    |         |            |         |                 |                               |  |  |  |
| Drill Start               | Date: | 07/01/1984         | Drill Fini | ish Dat            | te:     | 0          | 7/25/19 | 84 P            | lug Date:                     |  |  |  |
| Log File Date: 07/27/1984 |       |                    | PCW Rc     | v Date             | :       |            |         | S               | Shallow                       |  |  |  |
| Pump Type:                |       |                    | Pipe Disc  | harge              | Size    | :          | Ε       | stimated Yield: | 50 GPM                        |  |  |  |
| Casing Size               | e:    | 8.00               | Depth W    | Depth Well: 110 fe |         |            |         |                 | 0 feet <b>Depth Water:</b> 50 |  |  |  |
| (                         | Wate  | er Bearing Stratif | fications: | Тс                 | op :    | Bottom     | Desc    | ription         |                               |  |  |  |
|                           |       |                    |            | (                  | 50      | 68         | Sand    | stone/Grave     | el/Conglomerate               |  |  |  |
|                           |       |                    |            | (                  | 58      | 80         | Sand    | stone/Grave     | el/Conglomerate               |  |  |  |
|                           |       |                    |            | 8                  | 30      | 90         | Sand    | stone/Grave     | el/Conglomerate               |  |  |  |
| 2                         |       | Casing Per         | forations: | Та                 | op :    | Bottom     |         |                 |                               |  |  |  |
|                           |       |                    |            | 4                  | 45      | 110        |         |                 |                               |  |  |  |

#### \*UTM location was derived from PLSS - see Help

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# TABLES

Site Assessment Soil Sample BTEX (EPA 8260), TPH (EPA 8015) & Chloride (EPA 300) Analytical Data Г

| SITE ASSESSMENT SOIL SAMPLE BTEX (EPA 8021), TPH (SW 8015) & CHLORIDE (EPA 300) ANALYTICAL DATA<br>SILVERBACK OPERATING II, LLC<br>DAYTON LAYFLAT RELEASE |                        |               |                  |                  |                   |                  |   |                   |                    |                    |                  |                          |          |
|---|------------------------|---------------|------------------|------------------|-------------------|------------------|---|-------------------|--------------------|--------------------|------------------|--------------------------|----------|
|   |                        |               |                  | All valu         | es presente       | d in parts per   | million (mg   | 'Kg)              |                    |                    |                  |                          |          |
| SAMPLE ID   | DATE                   | DEPTH<br>(FT) | BENZENE          | TOLUENE          | ETHYL-<br>BENZENE | TOTAL<br>XYLENES | TOTAL<br>BTEX   | TPH GRO<br>C6-C10 | TPH DRO<br>C10-C28 | TPH MRO<br>C28-C36 | TPH<br>(GRO+DRO) | TPH<br>(GRO+DRO+<br>MRO) | CHLO     |
| contal Delineation Asses  |                        |               | 1                |                  |                   | [                |   |                   |                    |                    |                  |                          |          |
| BH23-01 0ft<br>BH23-01 2ft  | 10/4/2023<br>10/4/2023 | 0'<br>2'      | <0.024<br><0.023 | <0.048<br><0.047 | <0.048<br><0.047  | <0.096<br><0.093 | <0.10   | <4.8<br><4.7      | <9.5<br><9.8       | <47<br><49         | <9.5<br><9.8     | <47<br><49               | <6       |
| DH23-01 21  | 10/4/2023              | 2             | <0.025           | <0.047           | <0.047            | <0.035           | <0.03   | <b>N4.</b> 1      | <3.0               | <b>143</b>         | <3.0             | <b>143</b>               | <0       |
| BH23-02 0ft   | 10/4/2023              | 0'            | <0.024           | <0.048           | <0.048            | <0.097           | <0.10   | <4.8              | <9.9               | <49                | <9.9             | <49                      | 71       |
| BH23-02 2ft   | 10/4/2023              | 2'            | <0.024           | <0.047           | <0.047            | <0.094           | <0.09   | <4.7              | <9.8               | <49                | <9.8             | <49                      | 78       |
| BH23-03 0ft   | 10/4/2023              | 0'            | <0.025           | <0.050           | <0.050            | <0.10            | <0.10   | <5.0              | <9.7               | <49                | <9.7             | <49                      | 14       |
| BH23-03 2ft   | 10/4/2023              | 2'            | <0.024           | <0.047           | <0.047            | <0.095           | <0.09   | <4.7              | <9.8               | <49                | <9.8             | <49                      | 82       |
| D1100.04.00   | 40/4/0000              |               | 0.004            | 0.040            | 0.040             | 0.000            | 0.40  | 4.0               |                    | 40                 |                  | 40                       |          |
| BH23-04 0ft<br>BH23-04 2ft  | 10/4/2023<br>10/4/2023 | 0'<br>2'      | <0.024<br><0.024 | <0.049<br><0.049 | <0.049<br><0.049  | <0.098<br><0.098 | <0.10<br><0.10  | <4.9<br><4.9      | <9.8<br><9.6       | <49<br><48         | <9.8<br><9.6     | <49<br><48               | 88<br><6 |
| DH20 04 21  | 10/4/2020              | 2             | <b>NO.02</b> 4   | <b>40.040</b>    | <b>10.040</b>     | 10.000           | <0.10   | <b>4</b> .0       | 40.0               | 40                 | 40.0             | 40                       | ~0       |
| BH23-05 0ft   | 10/4/2023              | 0'            | <0.023           | <0.046           | <0.046            | <0.093           | <0.09   | <4.6              | <9.4               | <47                | <9.4             | <47                      | <6       |
| BH23-05 2ft   | 10/4/2023              | 2'            | <0.024           | <0.049           | <0.049            | <0.097           | <0.10   | <4.9              | <9.3               | <47                | <9.3             | <47                      | 87       |
| BH23-06 0ft   | 10/4/2023              | 0'            | <0.025           | <0.049           | <0.049            | <0.098           | <0.10   | <4.9              | <9.2               | <46                | <9.2             | <46                      | <6       |
| BH23-06 2ft   | 10/4/2023              | 2'            | <0.020           | <0.049           | <0.049            | <0.097           | <0.10   | <4.9              | <9.2               | <46                | <9.2             | <46                      | <6       |
|   |                        |               |                  | ·                |                   | I                |   |                   |                    |                    |                  |                          | •        |
| BH23-07 Oft   | 10/4/2023<br>10/4/2023 | 0'<br>2'      | <0.025           | <0.050           | <0.050            | <0.10            | <0.10   | <5.0              | <9.3               | <46                | <9.3             | <46                      | <6       |
| BH23-07 2ft   | 10/4/2023              | 2             | <0.024           | <0.048           | <0.048            | <0.097           | <0.10   | <4.8              | <9.5               | <47                | <9.5             | <47                      | 11       |
| BH23-08 0ft   | 10/4/2023              | 0'            | <0.024           | <0.049           | <0.049            | <0.097           | <0.10   | <4.9              | <9.7               | <49                | <9.7             | <49                      | <6       |
| BH23-08 2ft   | 10/4/2023              | 2'            | <0.024           | <0.048           | <0.048            | <0.096           | <0.10   | <4.8              | <9.4               | <47                | <9.4             | <47                      | <6       |
| BH23-09 0ft   | 10/4/2023              | 0'            | <0.024           | <0.047           | <0.047            | <0.095           | <0.09   | <4.7              | <9.5               | <47                | <9.5             | <47                      | <6       |
| BH23-09 2ft   | 10/4/2023              | 2'            | <0.024           | <0.047           | <0.047            | <0.093           | <0.09   | <4.7              | <9.5               | <47                | <9.5             | <47                      | <0       |
|   |                        |               |                  |                  |                   |                  |   |                   |                    |                    |                  |                          |          |
| BH23-10 Oft   | 10/4/2023              | 0'            | <0.023           | <0.047           | <0.047            | <0.093           | <0.09   | <4.7              | <9.2               | <46                | <9.2             | <46                      | <6       |
| BH23-10 2ft   | 10/4/2023              | 2'            | <0.024           | <0.048           | <0.048            | <0.097           | <0.10   | <4.8              | <9.3               | <47                | <9.3             | <47                      | <6       |
| BH23-11 0ft   | 10/4/2023              | 0'            | < 0.024          | <0.048           | <0.048            | <0.097           | <0.10   | <4.8              | <9.6               | <48                | <9.6             | <48                      | 10       |
| BH23-11 2ft   | 10/4/2023              | 2'            | <0.023           | <0.047           | <0.047            | <0.094           | <0.09   | <4.7              | <9.6               | <48                | <9.6             | <48                      | <6       |
| D1100.40.0%   | 40/4/0000              |               | 0.004            | 0.047            | 0.047             | 0.004            |   |                   |                    | 40                 |                  | 40                       |          |
| BH23-12 0ft<br>BH23-12 2ft  | 10/4/2023<br>10/4/2023 | 0'<br>2'      | <0.024<br><0.024 | <0.047<br><0.047 | <0.047<br><0.047  | <0.094<br><0.095 | <0.09<br><0.09  | <4.7<br><4.7      | <9.8<br><8.5       | <49<br><43         | <9.8<br><8.5     | <49<br><43               | <6<br><6 |
| BHEO TE ER  | 10/ 1/2020             | -             | 40.021           | 101011           | 401011            | 40.000           | 40.00   |                   | 10.0               | 110                | 40.0             | 410                      | 10       |
| BH23-13 0ft   | 10/4/2023              | 0'            | <0.024           | <0.047           | <0.047            | <0.094           | <0.09   | <4.7              | <8.9               | <44                | <8.9             | <44                      | <6       |
| BH23-13 2ft   | 10/4/2023              | 2'            | <0.024           | <0.049           | <0.049            | <0.097           | <0.10   | <4.9              | <9.6               | <48                | <9.6             | <48                      | 85       |
| BH23-14 0ft   | 10/4/2023              | 0'            | <0.025           | <0.050           | <0.050            | <0.099           | <0.10   | <5.0              | <9.8               | <49                | <9.8             | <49                      | 32       |
| BH23-14 2ft   | 10/4/2023              | 2'            | <0.024           | <0.048           | <0.048            | <0.096           | <0.10   | <4.8              | <8.9               | <44                | <8.9             | <44                      | <6       |
|   |                        |               |                  |                  |                   |                  |   |                   |                    |                    |                  |                          |          |
| TP23-01 Oft   | 10/5/2023              | 0'            | < 0.024          | <0.047           | <0.047            | <0.095           | <0.09   | <4.7              | <9.2               | <46                | <9.2             | <46                      | 13,0     |
| TP23-01 4ft   | 10/5/2023              | 4'            | <0.025           | <0.049           | <0.049            | <0.099           | <0.10   | <4.9              | <9.8               | <49                | <9.8             | <49                      | 1,10     |
|   | · · ·                  |               |                  |                  |                   |                  |   | -                 | -                  |                    |                  |                          |          |
| TP23-02 0ft   | 10/5/2023              | 0'            | < 0.024          | <0.049           | <0.049            | < 0.097          | <0.10   | <4.9              | <9.7               | <48                | <9.7             | <48                      | 15,0     |
| TP23-02 4ft   | 10/5/2023              | 4'            | <0.023           | <0.046           | <0.046            | <0.093           | <0.09   | <4.6              | <9.3               | <47                | <9.3             | <47                      | 3,40     |
| TP23-03 0ft   | 10/5/2023              | 0'            | <0.025           | <0.050           | <0.050            | <0.099           | <0.10   | <5.0              | <9.8               | <49                | <9.8             | <49                      | 16,0     |
| TP23-03 4ft   | 10/5/2023              | 4'            | <0.024           | <0.048           | <0.048            | <0.097           | <0.10   | <4.8              | <9.6               | <48                | <9.6             | <48                      | 2,20     |
| TP23-03 6ft<br>TP23-03 8ft  | 10/5/2023<br>10/5/2023 | 6'<br>8'      | <0.025<br><0.024 | <0.050<br><0.049 | <0.050<br><0.049  | <0.10<br><0.097  | <0.10<br><0.10  | <5.0<br><4.9      | <9.7<br><9.7       | <48<br><49         | <9.7<br><9.7     | <48<br><49               | 41<br>15 |
| 1 5 23-03 011   | 10/3/2023              | o             | <0.024           | <0.049           | <0.049            | <0.097           | <u. iu<="" td=""><td>&lt;4.9</td><td>&lt;3.1</td><td>&lt;49</td><td>&lt;3.1</td><td>&lt;49</td><td>15</td></u.> | <4.9              | <3.1               | <49                | <3.1             | <49                      | 15       |
| TP23-04 0ft   | 10/5/2023              | 0'            | <0.025           | <0.050           | <0.050            | <0.099           | <0.10   | <5.0              | <9.9               | <50                | <9.9             | <50                      | 18,0     |
| TP23-04 4ft   | 10/5/2023              | 4'            | <0.023           | <0.046           | <0.046            | <0.092           | <0.09   | <4.6              | <9.5               | <48                | <9.5             | <48                      | 1,3      |
| TP23-05 0ft   | 10/5/2023              | 0'            | <0.025           | <0.049           | <0.049            | <0.099           | <0.10   | <4.9              | <9.7               | <49                | <9.7             | <49                      | 22,0     |
| TP23-05 0ft<br>TP23-05 4ft  | 10/5/2023              | 4'            | <0.025           | <0.049           | <0.049            | <0.099           | <0.10   | <4.9              | <9.7               | <49<br><46         | <9.7             | <49<br><46               | 4,10     |
|   |                        |               |                  |                  |                   |                  |   |                   |                    |                    |                  |                          |          |
| TP23-06 0ft   | 10/5/2023              | 0'            | < 0.025          | <0.049           | <0.049            | <0.099           | <0.10   | <4.9              | <9.9               | <50                | <9.9             | <50                      | 15,0     |
| TP23-06 4ft   | 10/5/2023              | 4'            | <0.024           | <0.048           | <0.048            | <0.095           | <0.10   | <4.8              | <10                | <50                | <10              | <50                      | 2,10     |
| TP23-07 0ft   | 10/5/2023              | 0'            | <0.024           | <0.047           | <0.047            | <0.095           | <0.09   | <4.7              | <9.6               | <48                | <9.6             | <48                      | 14,0     |
| TP23-07 4ft   | 10/5/2023              | 4'            | <0.024           | <0.048           | <0.048            | <0.096           | <0.10   | <4.8              | <9.8               | <49                | <9.8             | <49                      | 2,60     |
| 15.29.12 NMAC Table 1   |                        |               | 10               |                  |                   |                  | 50  |                   |                    |                    | 1,000            | 2,500                    | 10,0     |
| Impacted by a Rele  | ase (Gw 51-10          | 0)            |                  |                  |                   |                  |   |                   |                    |                    |                  |                          |          |

1. Results exceeding the Table 1 Closure Criteria are presented in bold type and are highlighted yellow.

2. Results exceeding the NMAC Restoration, Reclamation and re-vegetation chloride concentration requirements are presented in bold red type.

3. Value derived from the State of New Mexico Energy, Minerals and Natural Resources Department document Procedures for the Implementation of the Spill Rule (19.15.29 NMAC) dated September 6, 2019.

# **ATTACHMENT 2 – SITE PHOTOGRAPHS**



PHOTOGRAPH NO. 1 – A view Site during the initial response activities in the vicinity of the release location. The view is towards the south. (Approximate GPS Coordinates: 32.709747, -104.344278)



PHOTOGRAPH NO. 2 – An additional view of the Site during the initial response activities. The view is towards the north.

(Approximate GPS Coordinates: 32.709253, -104.344278)



PHOTOGRAPH NO. 3 – A view of the water well depth-to-groundwater measurement collected by Ranger personnel.



PHOTOGRAPH NO. 4 – A general view of the vertical delineation assessment activities completed by Silverback representatives on October 5, 2023

# **ATTACHMENT 3 – LABORATORY REPORTS**



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

October 18, 2023

Will Kierdorf EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX:

OrderNo.: 2310321

RE: Dayton

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 28 sample(s) on 10/6/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Surr: 4-Bromofluorobenzene

**CLIENT: EOG** 

**Analytical Report** 

# Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

Client Sample ID: BH23-01 Oft

| Project:              | Dayton               |                | Collection Date: 10/4/2023 9:00:00 AM |  |            |    |                        |         |  |  |  |  |  |
|-----------------------|----------------------|----------------|---------------------------------------|--|------------|----|------------------------|---------|--|--|--|--|--|
| Lab ID:               | 2310321-001          | Matrix: S      | OIL                                   | <b>Received Date:</b> 10/6/2023 7:35:00 AM |            |    |                        |         |  |  |  |  |  |
| Analyses              |                      | Rest           | ılt R                                 | L(   | Qual Units | DF | Date Analyzed          | Batch   |  |  |  |  |  |
| EPA MET               | HOD 300.0: ANIONS    |                |                                       |  |            |    | Analyst                | : SNS   |  |  |  |  |  |
| Chloride              |                      | I              | ND (                                  | 60   | mg/Kg      | 20 | 10/10/2023 12:17:26 PN | / 78041 |  |  |  |  |  |
| EPA MET               | HOD 8015M/D: DIESEL  | RANGE ORGANICS |                                       |  |            |    | Analyst                | : DGH   |  |  |  |  |  |
| Diesel Ra             | nge Organics (DRO)   | I              | ND 9                                  | .5   | mg/Kg      | 1  | 10/9/2023 6:05:59 PM   | 78013   |  |  |  |  |  |
| Motor Oil             | Range Organics (MRO) | I              | ND 4                                  | 17   | mg/Kg      | 1  | 10/9/2023 6:05:59 PM   | 78013   |  |  |  |  |  |
| Surr: D               | NOP                  | 9              | 5.2 69-14                             | 17   | %Rec       | 1  | 10/9/2023 6:05:59 PM   | 78013   |  |  |  |  |  |
| EPA MET               | HOD 8015D: GASOLIN   | E RANGE        |                                       |  |            |    | Analyst                | t: KMN  |  |  |  |  |  |
| Gasoline              | Range Organics (GRO) | I              | ND 4                                  | .8   | mg/Kg      | 1  | 10/9/2023 8:38:00 PM   | 78004   |  |  |  |  |  |
| Surr: B               | FB                   | 1              | 01 15-24                              | 14   | %Rec       | 1  | 10/9/2023 8:38:00 PM   | 78004   |  |  |  |  |  |
| EPA MET               | HOD 8021B: VOLATILE  | ES             |                                       |  |            |    | Analyst                | : KMN   |  |  |  |  |  |
| Benzene               |                      | I              | ND 0.02                               | 24   | mg/Kg      | 1  | 10/9/2023 8:38:00 PM   | 78004   |  |  |  |  |  |
| Toluene               |                      | I              | ND 0.04                               | 18   | mg/Kg      | 1  | 10/9/2023 8:38:00 PM   | 78004   |  |  |  |  |  |
| Ethylbenz             | ene                  | I              | ND 0.04                               | 18   | mg/Kg      | 1  | 10/9/2023 8:38:00 PM   | 78004   |  |  |  |  |  |
| Xylenes, <sup>-</sup> | Total                | I              | ND 0.0                                | 96   | mg/Kg      | 1  | 10/9/2023 8:38:00 PM   | 78004   |  |  |  |  |  |

87.9

39.1-146

%Rec

1

10/9/2023 8:38:00 PM

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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78004
Surr: 4-Bromofluorobenzene

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

10/9/2023 9:00:00 PM

78004

Date Reported: 10/18/2023

| CLIENT: EOG                    |              | Cl     | ient Sample II      | D: BH        | H23-01 2ft             |         |
|--------------------------------|--------------|--------|---------------------|--------------|------------------------|---------|
| Project: Dayton                |              | (      | Collection Dat      | <b>e:</b> 10 | /4/2023 9:05:00 AM     |         |
| Lab ID: 2310321-002            | Matrix: SOIL |        | <b>Received Dat</b> | <b>e:</b> 10 | /6/2023 7:35:00 AM     |         |
| Analyses                       | Result       | RL     | Qual Units          | DF           | Date Analyzed          | Batch   |
| EPA METHOD 300.0: ANIONS       |              |        |                     |              | Analys                 | t: SNS  |
| Chloride                       | ND           | 60     | mg/Kg               | 20           | 10/10/2023 12:29:51 PI | M 78041 |
| EPA METHOD 8015M/D: DIESEL RA  | NGE ORGANICS |        |                     |              | Analys                 | t: DGH  |
| Diesel Range Organics (DRO)    | ND           | 9.8    | mg/Kg               | 1            | 10/9/2023 6:29:47 PM   | 78013   |
| Motor Oil Range Organics (MRO) | ND           | 49     | mg/Kg               | 1            | 10/9/2023 6:29:47 PM   | 78013   |
| Surr: DNOP                     | 95.3         | 69-147 | %Rec                | 1            | 10/9/2023 6:29:47 PM   | 78013   |
| EPA METHOD 8015D: GASOLINE RA  | ANGE         |        |                     |              | Analys                 | t: KMN  |
| Gasoline Range Organics (GRO)  | ND           | 4.7    | mg/Kg               | 1            | 10/9/2023 9:00:00 PM   | 78004   |
| Surr: BFB                      | 100          | 15-244 | %Rec                | 1            | 10/9/2023 9:00:00 PM   | 78004   |
| EPA METHOD 8021B: VOLATILES    |              |        |                     |              | Analys                 | t: KMN  |
| Benzene                        | ND           | 0.023  | mg/Kg               | 1            | 10/9/2023 9:00:00 PM   | 78004   |
| Toluene                        | ND           | 0.047  | mg/Kg               | 1            | 10/9/2023 9:00:00 PM   | 78004   |
| Ethylbenzene                   | ND           | 0.047  | mg/Kg               | 1            | 10/9/2023 9:00:00 PM   | 78004   |
| Xylenes, Total                 | ND           | 0.093  | mg/Kg               | 1            | 10/9/2023 9:00:00 PM   | 78004   |

89.2

39.1-146

%Rec

1

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit

Page 2 of 33

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

Date Reported: 10/18/2023

| CLIENT: EOG                    |              | Clier  | nt Sample II  | ): BF | H23-02 Oft            |       |
|--------------------------------|--------------|--------|---------------|-------|-----------------------|-------|
| Project: Dayton                |              | Col    | llection Date | e: 10 | /4/2023 9:10:00 AM    |       |
| Lab ID: 2310321-003            | Matrix: SOIL | R      | eceived Date  | e: 10 | /6/2023 7:35:00 AM    |       |
| Analyses                       | Result       | RL Q   | ual Units     | DF    | Date Analyzed         | Batch |
| EPA METHOD 300.0: ANIONS       |              |        |               |       | Analyst               | KCB   |
| Chloride                       | 71           | 60     | mg/Kg         | 20    | 10/11/2023 9:12:15 PM | 78097 |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS  |        |               |       | Analyst               | DGH   |
| Diesel Range Organics (DRO)    | ND           | 9.9    | mg/Kg         | 1     | 10/9/2023 6:53:38 PM  | 78013 |
| Motor Oil Range Organics (MRO) | ND           | 49     | mg/Kg         | 1     | 10/9/2023 6:53:38 PM  | 78013 |
| Surr: DNOP                     | 89.1         | 69-147 | %Rec          | 1     | 10/9/2023 6:53:38 PM  | 78013 |
| EPA METHOD 8015D: GASOLINE RAM | IGE          |        |               |       | Analyst               | : KMN |
| Gasoline Range Organics (GRO)  | ND           | 4.8    | mg/Kg         | 1     | 10/9/2023 9:22:00 PM  | 78004 |
| Surr: BFB                      | 99.8         | 15-244 | %Rec          | 1     | 10/9/2023 9:22:00 PM  | 78004 |
| EPA METHOD 8021B: VOLATILES    |              |        |               |       | Analyst               | KMN   |
| Benzene                        | ND           | 0.024  | mg/Kg         | 1     | 10/9/2023 9:22:00 PM  | 78004 |
| Toluene                        | ND           | 0.048  | mg/Kg         | 1     | 10/9/2023 9:22:00 PM  | 78004 |
| Ethylbenzene                   | ND           | 0.048  | mg/Kg         | 1     | 10/9/2023 9:22:00 PM  | 78004 |

ND

88.4

0.097

39.1-146

mg/Kg

%Rec

1

1

10/9/2023 9:22:00 PM

10/9/2023 9:22:00 PM

78004

78004

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

**Qualifiers:** 

Xylenes, Total

Surr: 4-Bromofluorobenzene

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank В
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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Surr: 4-Bromofluorobenzene

**CLIENT: EOG** 

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

10/9/2023 9:43:00 PM

Date Reported: 10/18/2023

Client Sample ID: BH23-02 2ft

| Project: Da   | ayton              |                |       | (      | Collection Dat | te: 10         | /4/2023 9:15:00 AM    |        |
|---------------|--------------------|----------------|-------|--------|----------------|----------------|-----------------------|--------|
| Lab ID: 23    | 10321-004          | Matrix:        | SOIL  |        | Received Dat   | t <b>e:</b> 10 | /6/2023 7:35:00 AM    |        |
| Analyses      |                    | R              | esult | RL     | Qual Units     | DF             | Date Analyzed         | Batch  |
| EPA METHO     | D 300.0: ANIONS    |                |       |        |                |                | Analyst               | t: KCB |
| Chloride      |                    |                | 78    | 60     | mg/Kg          | 20             | 10/11/2023 9:24:40 PM | 78097  |
| EPA METHO     | D 8015M/D: DIESE   | L RANGE ORGANI | CS    |        |                |                | Analyst               | :: DGH |
| Diesel Range  | e Organics (DRO)   |                | ND    | 9.8    | mg/Kg          | 1              | 10/9/2023 7:17:27 PM  | 78013  |
| Motor Oil Rai | nge Organics (MRO) |                | ND    | 49     | mg/Kg          | 1              | 10/9/2023 7:17:27 PM  | 78013  |
| Surr: DNO     | P                  |                | 97.8  | 69-147 | %Rec           | 1              | 10/9/2023 7:17:27 PM  | 78013  |
| EPA METHC     | D 8015D: GASOLI    | NE RANGE       |       |        |                |                | Analyst               | :: KMN |
| Gasoline Rar  | nge Organics (GRO) |                | ND    | 4.7    | mg/Kg          | 1              | 10/9/2023 9:43:00 PM  | 78004  |
| Surr: BFB     |                    |                | 95.7  | 15-244 | %Rec           | 1              | 10/9/2023 9:43:00 PM  | 78004  |
| EPA METHO     | D 8021B: VOLATI    | ES             |       |        |                |                | Analyst               | :: KMN |
| Benzene       |                    |                | ND    | 0.024  | mg/Kg          | 1              | 10/9/2023 9:43:00 PM  | 78004  |
| Toluene       |                    |                | ND    | 0.047  | mg/Kg          | 1              | 10/9/2023 9:43:00 PM  | 78004  |
| Ethylbenzene  | )                  |                | ND    | 0.047  | mg/Kg          | 1              | 10/9/2023 9:43:00 PM  | 78004  |
| Xylenes, Tota | al                 |                | ND    | 0.094  | mg/Kg          | 1              | 10/9/2023 9:43:00 PM  | 78004  |

87.4

39.1-146

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range

%Rec

1

RL Reporting Limit Page 4 of 33

78004

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| CLIENT: EOG                    | CLIENT: EOG Client Sample ID: BH23-03 Oft |        |                     |              |                       |               |
|--------------------------------|---|--------|---------------------|--------------|-----------------------|---------------|
| Project: Dayton                |   | (      | Collection Dat      | <b>e:</b> 10 | /4/2023 9:20:00 AM    |               |
| Lab ID: 2310321-005            | Matrix: SOIL                              |        | <b>Received Dat</b> | <b>e:</b> 10 | /6/2023 7:35:00 AM    |               |
| Analyses                       | Result                                    | RL     | Qual Units          | DF           | Date Analyzed         | Batch         |
| EPA METHOD 300.0: ANIONS       |   |        |                     |              | Analys                | t: KCB        |
| Chloride                       | 140                                       | 60     | mg/Kg               | 20           | 10/11/2023 9:37:05 PM | 78097         |
| EPA METHOD 8015M/D: DIESEL R   | ANGE ORGANICS                             |        |                     |              | Analys                | t: DGH        |
| Diesel Range Organics (DRO)    | ND  | 9.7    | mg/Kg               | 1            | 10/9/2023 7:41:12 PM  | 78013         |
| Motor Oil Range Organics (MRO) | ND  | 49     | mg/Kg               | 1            | 10/9/2023 7:41:12 PM  | 78013         |
| Surr: DNOP                     | 102                                       | 69-147 | %Rec                | 1            | 10/9/2023 7:41:12 PM  | 78013         |
| EPA METHOD 8015D: GASOLINE F   | RANGE                                     |        |                     |              | Analys                | t: <b>KMN</b> |
| Gasoline Range Organics (GRO)  | ND  | 5.0    | mg/Kg               | 1            | 10/9/2023 10:27:00 PM | 78004         |
| Surr: BFB                      | 100                                       | 15-244 | %Rec                | 1            | 10/9/2023 10:27:00 PM | 78004         |
| EPA METHOD 8021B: VOLATILES    |   |        |                     |              | Analys                | t: <b>KMN</b> |
| Benzene                        | ND  | 0.025  | mg/Kg               | 1            | 10/9/2023 10:27:00 PM | 78004         |
| Toluene                        | ND  | 0.050  | mg/Kg               | 1            | 10/9/2023 10:27:00 PM | 78004         |
| Ethylbenzene                   | ND  | 0.050  | mg/Kg               | 1            | 10/9/2023 10:27:00 PM | 78004         |

ND

87.7

0.10

39.1-146

mg/Kg

%Rec

1

1

10/9/2023 10:27:00 PM 78004

10/9/2023 10:27:00 PM 78004

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

| <b>Oualifiers:</b> |
|--------------------|
|--------------------|

Xylenes, Total

Surr: 4-Bromofluorobenzene

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range RL Reporting Limit

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Dayton

2310321-006

**CLIENT:** EOG

Project:

Lab ID:

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

Date Reported: 10/18/2023

Client Sample ID: BH23-03 2ft Collection Date: 10/4/2023 9:25:00 AM Received Date: 10/6/2023 7:35:00 AM

| Analyses                           | Result   | RL       | Qual Units | DF | Date Analyzed         | Batch |
|------------------------------------|----------|----------|------------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS           |          |          |            |    | Analyst               | : KCB |
| Chloride                           | 82       | 60       | mg/Kg      | 20 | 10/11/2023 9:49:30 PM | 78097 |
| EPA METHOD 8015M/D: DIESEL RANGE C | ORGANICS |          |            |    | Analyst               | : DGH |
| Diesel Range Organics (DRO)        | ND       | 9.8      | mg/Kg      | 1  | 10/9/2023 8:05:02 PM  | 78013 |
| Motor Oil Range Organics (MRO)     | ND       | 49       | mg/Kg      | 1  | 10/9/2023 8:05:02 PM  | 78013 |
| Surr: DNOP                         | 106      | 69-147   | %Rec       | 1  | 10/9/2023 8:05:02 PM  | 78013 |
| EPA METHOD 8015D: GASOLINE RANGE   |          |          |            |    | Analyst               | : KMN |
| Gasoline Range Organics (GRO)      | ND       | 4.7      | mg/Kg      | 1  | 10/9/2023 10:49:00 PM | 78004 |
| Surr: BFB                          | 101      | 15-244   | %Rec       | 1  | 10/9/2023 10:49:00 PM | 78004 |
| EPA METHOD 8021B: VOLATILES        |          |          |            |    | Analyst               | : KMN |
| Benzene                            | ND       | 0.024    | mg/Kg      | 1  | 10/9/2023 10:49:00 PM | 78004 |
| Toluene                            | ND       | 0.047    | mg/Kg      | 1  | 10/9/2023 10:49:00 PM | 78004 |
| Ethylbenzene                       | ND       | 0.047    | mg/Kg      | 1  | 10/9/2023 10:49:00 PM | 78004 |
| Xylenes, Total                     | ND       | 0.095    | mg/Kg      | 1  | 10/9/2023 10:49:00 PM | 78004 |
| Surr: 4-Bromofluorobenzene         | 90.3     | 39.1-146 | %Rec       | 1  | 10/9/2023 10:49:00 PM | 78004 |

Matrix: SOIL

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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Surr: 4-Bromofluorobenzene

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

Date Reported: 10/18/2023

10/9/2023 11:11:00 PM 78004

| CLIENT:  | EOG                     |               | Cl   | ient Sample II      | D: BF | H23-04 Oft             |         |  |  |  |
|----------|-------------------------|---------------|--|---------------------|-------|------------------------|---------|--|--|--|
| Project: | Dayton                  |               | <b>Collection Date:</b> 10/4/2023 9:30:00 AM |                     |       |                        |         |  |  |  |
| Lab ID:  | 2310321-007             | Matrix: SOIL  |  | <b>Received Dat</b> | e: 10 | /6/2023 7:35:00 AM     |         |  |  |  |
| Analyses | 5                       | Result        | RL   | Qual Units          | DF    | Date Analyzed          | Batch   |  |  |  |
| EPA ME   | THOD 300.0: ANIONS      |               |  |                     |       | Analys                 | t: KCB  |  |  |  |
| Chloride |                         | 88            | 60   | mg/Kg               | 20    | 10/11/2023 10:01:55 Pl | M 78097 |  |  |  |
| EPA ME   | THOD 8015M/D: DIESEL RA | ANGE ORGANICS |  |                     |       | Analys                 | t: DGH  |  |  |  |
| Diesel R | ange Organics (DRO)     | ND            | 9.8  | mg/Kg               | 1     | 10/9/2023 8:28:54 PM   | 78013   |  |  |  |
| Motor Oi | l Range Organics (MRO)  | ND            | 49   | mg/Kg               | 1     | 10/9/2023 8:28:54 PM   | 78013   |  |  |  |
| Surr: [  | DNOP                    | 75.6          | 69-147                                       | %Rec                | 1     | 10/9/2023 8:28:54 PM   | 78013   |  |  |  |
| EPA ME   | THOD 8015D: GASOLINE R  | ANGE          |  |                     |       | Analys                 | t: KMN  |  |  |  |
| Gasoline | Range Organics (GRO)    | ND            | 4.9  | mg/Kg               | 1     | 10/9/2023 11:11:00 PM  | 78004   |  |  |  |
| Surr: E  | BFB                     | 99.9          | 15-244                                       | %Rec                | 1     | 10/9/2023 11:11:00 PM  | 78004   |  |  |  |
| EPA ME   | THOD 8021B: VOLATILES   |               |  |                     |       | Analys                 | t: KMN  |  |  |  |
| Benzene  | 9                       | ND            | 0.024  | mg/Kg               | 1     | 10/9/2023 11:11:00 PM  | 78004   |  |  |  |
| Toluene  |                         | ND            | 0.049  | mg/Kg               | 1     | 10/9/2023 11:11:00 PM  | 78004   |  |  |  |
| Ethylben | zene                    | ND            | 0.049  | mg/Kg               | 1     | 10/9/2023 11:11:00 PM  | 78004   |  |  |  |
| Xylenes, | Total                   | ND            | 0.098  | mg/Kg               | 1     | 10/9/2023 11:11:00 PM  | 78004   |  |  |  |

89.0

39.1-146

%Rec

1

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

Date Reported: 10/18/2023

| CLIENT: EOG                    |              | Cl       | ient Sample II      | D: BI        | H23-04 2ft            |          |
|--------------------------------|--------------|----------|---------------------|--------------|-----------------------|----------|
| Project: Dayton                |              | (        | Collection Dat      | <b>e:</b> 10 | /4/2023 9:35:00 AM    |          |
| Lab ID: 2310321-008            | Matrix: SOIL |          | <b>Received Dat</b> | <b>e:</b> 10 | /6/2023 7:35:00 AM    |          |
| Analyses                       | Result       | RL       | Qual Units          | DF           | Date Analyzed         | Batch    |
| EPA METHOD 300.0: ANIONS       |              |          |                     |              | Analy                 | st: KCB  |
| Chloride                       | ND           | 60       | mg/Kg               | 20           | 10/11/2023 10:14:19 F | PM 78097 |
| EPA METHOD 8015M/D: DIESEL RA  | NGE ORGANICS |          |                     |              | Analy                 | st: DGH  |
| Diesel Range Organics (DRO)    | ND           | 9.6      | mg/Kg               | 1            | 10/9/2023 8:52:45 PM  | 78013    |
| Motor Oil Range Organics (MRO) | ND           | 48       | mg/Kg               | 1            | 10/9/2023 8:52:45 PM  | 78013    |
| Surr: DNOP                     | 93.8         | 69-147   | %Rec                | 1            | 10/9/2023 8:52:45 PM  | 78013    |
| EPA METHOD 8015D: GASOLINE RA  | ANGE         |          |                     |              | Analy                 | st: KMN  |
| Gasoline Range Organics (GRO)  | ND           | 4.9      | mg/Kg               | 1            | 10/9/2023 11:32:00 PM | A 78004  |
| Surr: BFB                      | 98.0         | 15-244   | %Rec                | 1            | 10/9/2023 11:32:00 PM | A 78004  |
| EPA METHOD 8021B: VOLATILES    |              |          |                     |              | Analy                 | st: KMN  |
| Benzene                        | ND           | 0.024    | mg/Kg               | 1            | 10/9/2023 11:32:00 PM | A 78004  |
| Toluene                        | ND           | 0.049    | mg/Kg               | 1            | 10/9/2023 11:32:00 PM | A 78004  |
| Ethylbenzene                   | ND           | 0.049    | mg/Kg               | 1            | 10/9/2023 11:32:00 PM | A 78004  |
| Xylenes, Total                 | ND           | 0.098    | mg/Kg               | 1            | 10/9/2023 11:32:00 PM | M 78004  |
| Surr: 4-Bromofluorobenzene     | 89.0         | 39.1-146 | %Rec                | 1            | 10/9/2023 11:32:00 PM | A 78004  |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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#### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| Client Sample ID: BH23-05 0ft  |              |        |                     |              |                        |         |
|--------------------------------|--------------|--------|---------------------|--------------|------------------------|---------|
| Project: Dayton                |              | (      | Collection Dat      | <b>e:</b> 10 | /4/2023 9:40:00 AM     |         |
| Lab ID: 2310321-009            | Matrix: SOIL |        | <b>Received Dat</b> | <b>e:</b> 10 | /6/2023 7:35:00 AM     |         |
| Analyses                       | Result       | RL     | Qual Units          | DF           | Date Analyzed          | Batch   |
| EPA METHOD 300.0: ANIONS       |              |        |                     |              | Analyst                | ксв     |
| Chloride                       | ND           | 60     | mg/Kg               | 20           | 10/11/2023 10:26:43 PN | 1 78097 |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS  |        |                     |              | Analyst                | DGH     |
| Diesel Range Organics (DRO)    | ND           | 9.4    | mg/Kg               | 1            | 10/9/2023 9:16:38 PM   | 78013   |
| Motor Oil Range Organics (MRO) | ND           | 47     | mg/Kg               | 1            | 10/9/2023 9:16:38 PM   | 78013   |
| Surr: DNOP                     | 101          | 69-147 | %Rec                | 1            | 10/9/2023 9:16:38 PM   | 78013   |
| EPA METHOD 8015D: GASOLINE RAN | NGE          |        |                     |              | Analyst                | KMN     |
| Gasoline Range Organics (GRO)  | ND           | 4.6    | mg/Kg               | 1            | 10/9/2023 11:54:00 PM  | 78004   |
| Surr: BFB                      | 102          | 15-244 | %Rec                | 1            | 10/9/2023 11:54:00 PM  | 78004   |
| EPA METHOD 8021B: VOLATILES    |              |        |                     |              | Analyst                | KMN     |
| Benzene                        | ND           | 0.023  | mg/Kg               | 1            | 10/9/2023 11:54:00 PM  | 78004   |
| Toluene                        | ND           | 0.046  | mg/Kg               | 1            | 10/9/2023 11:54:00 PM  | 78004   |
| Ethylbenzene                   | ND           | 0.046  | mg/Kg               | 1            | 10/9/2023 11:54:00 PM  | 78004   |

ND

89.9

0.093

39.1-146

mg/Kg

%Rec

1

1

10/9/2023 11:54:00 PM 78004

10/9/2023 11:54:00 PM 78004

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

**Qualifiers:** 

Xylenes, Total

Surr: 4-Bromofluorobenzene

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

Page 9 of 33

Surr: 4-Bromofluorobenzene

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

Date Reported: 10/18/2023

10/10/2023 12:16:00 AM 78004

| CLIENT:  |                         | Client Sample ID: BH23-05 2ft |        |             |               |                        |         |
|----------|-------------------------|-------------------------------|--------|-------------|---------------|------------------------|---------|
| Project: | Dayton                  |                               |        |             |               | /4/2023 9:45:00 AM     |         |
| Lab ID:  | 2310321-010             | Matrix: SOIL                  | R      | eceived Dat | <b>e:</b> 10, | /6/2023 7:35:00 AM     |         |
| Analyses | 5                       | Result                        | RL Q   | ual Units   | DF            | Date Analyzed          | Batch   |
| EPA ME   | THOD 300.0: ANIONS      |                               |        |             |               | Analyst                | : KCB   |
| Chloride |                         | 87                            | 60     | mg/Kg       | 20            | 10/11/2023 10:39:07 PM | 1 78097 |
| EPA ME   | THOD 8015M/D: DIESEL R  | ANGE ORGANICS                 |        |             |               | Analyst                | DGH     |
| Diesel R | ange Organics (DRO)     | ND                            | 9.3    | mg/Kg       | 1             | 10/9/2023 9:40:29 PM   | 78013   |
| Motor O  | il Range Organics (MRO) | ND                            | 47     | mg/Kg       | 1             | 10/9/2023 9:40:29 PM   | 78013   |
| Surr:    | DNOP                    | 90.9                          | 69-147 | %Rec        | 1             | 10/9/2023 9:40:29 PM   | 78013   |
| EPA ME   | THOD 8015D: GASOLINE    | RANGE                         |        |             |               | Analyst                | KMN     |
| Gasoline | e Range Organics (GRO)  | ND                            | 4.9    | mg/Kg       | 1             | 10/10/2023 12:16:00 AM | 1 78004 |
| Surr:    | BFB                     | 96.5                          | 15-244 | %Rec        | 1             | 10/10/2023 12:16:00 AM | 1 78004 |
| EPA ME   | THOD 8021B: VOLATILES   |                               |        |             |               | Analyst                | : KMN   |
| Benzene  | e                       | ND                            | 0.024  | mg/Kg       | 1             | 10/10/2023 12:16:00 AM | 1 78004 |
| Toluene  |                         | ND                            | 0.049  | mg/Kg       | 1             | 10/10/2023 12:16:00 AM | 1 78004 |
| Ethylber | izene                   | ND                            | 0.049  | mg/Kg       | 1             | 10/10/2023 12:16:00 AM | 1 78004 |
| Xylenes, | , Total                 | ND                            | 0.097  | mg/Kg       | 1             | 10/10/2023 12:16:00 AM | 1 78004 |

87.4

39.1-146

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

|  | <b>Oualifiers:</b> |  |
|--|--------------------|--|
|--|--------------------|--|

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

%Rec

1

Page 10 of 33

Surr: 4-Bromofluorobenzene

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

10/10/2023 12:37:00 AM 78004

| CLIENT: EOG<br>Project: Dayton |              |        | t Sample II<br>lection Dat |    | H23-06 0ft<br>/4/2023 9:50:00 AM |         |
|--------------------------------|--------------|--------|----------------------------|----|----------------------------------|---------|
| Lab ID: 2310321-011            | Matrix: SOIL |        |                            |    | /6/2023 7:35:00 AM               |         |
| Analyses                       | Result       | RL Q   | ual Units                  | DF | Date Analyzed                    | Batch   |
| EPA METHOD 300.0: ANIONS       |              |        |                            |    | Analys                           | : KCB   |
| Chloride                       | ND           | 60     | mg/Kg                      | 20 | 10/11/2023 10:51:32 PM           | / 78097 |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS  |        |                            |    | Analys                           | : DGH   |
| Diesel Range Organics (DRO)    | ND           | 9.2    | mg/Kg                      | 1  | 10/9/2023 10:04:17 PM            | 78013   |
| Motor Oil Range Organics (MRO) | ND           | 46     | mg/Kg                      | 1  | 10/9/2023 10:04:17 PM            | 78013   |
| Surr: DNOP                     | 85.9         | 69-147 | %Rec                       | 1  | 10/9/2023 10:04:17 PM            | 78013   |
| EPA METHOD 8015D: GASOLINE RAM | NGE          |        |                            |    | Analys                           | t: KMN  |
| Gasoline Range Organics (GRO)  | ND           | 4.9    | mg/Kg                      | 1  | 10/10/2023 12:37:00 AM           | / 78004 |
| Surr: BFB                      | 99.0         | 15-244 | %Rec                       | 1  | 10/10/2023 12:37:00 AM           | / 78004 |
| EPA METHOD 8021B: VOLATILES    |              |        |                            |    | Analys                           | : KMN   |
| Benzene                        | ND           | 0.025  | mg/Kg                      | 1  | 10/10/2023 12:37:00 AM           | / 78004 |
| Toluene                        | ND           | 0.049  | mg/Kg                      | 1  | 10/10/2023 12:37:00 AM           | / 78004 |
| Ethylbenzene                   | ND           | 0.049  | mg/Kg                      | 1  | 10/10/2023 12:37:00 AM           | / 78004 |
| Xylenes, Total                 | ND           | 0.098  | mg/Kg                      | 1  | 10/10/2023 12:37:00 AM           | / 78004 |

86.9

39.1-146

%Rec

1

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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Dayton

Surr: 4-Bromofluorobenzene

**CLIENT: EOG** 

Project:

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

Date Reported: 10/18/2023

10/10/2023 12:59:00 AM 78004

Client Sample ID: BH23-06 2ft Collection Date: 10/4/2023 9:55:00 AM wed Data, 10/6/2022 7.25.00 AM ъ

| Lab ID: 2310321-012             | Matrix: SOIL | <b>Received Date:</b> 10/6/2023 7:35:00 AM |            |    |                        |       |  |
|---------------------------------|--------------|--|------------|----|------------------------|-------|--|
| Analyses                        | Result       | RL   | Qual Units | DF | Date Analyzed          | Batch |  |
| EPA METHOD 300.0: ANIONS        |              |  |            |    | Analyst:               | ксв   |  |
| Chloride                        | ND           | 60   | mg/Kg      | 20 | 10/11/2023 11:03:57 PM | 78097 |  |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS   |  |            |    | Analyst:               | DGH   |  |
| Diesel Range Organics (DRO)     | ND           | 9.2  | mg/Kg      | 1  | 10/9/2023 10:28:10 PM  | 78013 |  |
| Motor Oil Range Organics (MRO)  | ND           | 46   | mg/Kg      | 1  | 10/9/2023 10:28:10 PM  | 78013 |  |
| Surr: DNOP                      | 102          | 69-147                                     | %Rec       | 1  | 10/9/2023 10:28:10 PM  | 78013 |  |
| EPA METHOD 8015D: GASOLINE RANG | GE           |  |            |    | Analyst:               | KMN   |  |
| Gasoline Range Organics (GRO)   | ND           | 4.9  | mg/Kg      | 1  | 10/10/2023 12:59:00 AM | 78004 |  |
| Surr: BFB                       | 97.5         | 15-244                                     | %Rec       | 1  | 10/10/2023 12:59:00 AM | 78004 |  |
| EPA METHOD 8021B: VOLATILES     |              |  |            |    | Analyst:               | KMN   |  |
| Benzene                         | ND           | 0.024                                      | mg/Kg      | 1  | 10/10/2023 12:59:00 AM | 78004 |  |
| Toluene                         | ND           | 0.049                                      | mg/Kg      | 1  | 10/10/2023 12:59:00 AM | 78004 |  |
| Ethylbenzene                    | ND           | 0.049                                      | mg/Kg      | 1  | 10/10/2023 12:59:00 AM | 78004 |  |
| Xylenes, Total                  | ND           | 0.097                                      | mg/Kg      | 1  | 10/10/2023 12:59:00 AM | 78004 |  |

87.0

39.1-146

%Rec

1

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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**CLIENT: EOG** Project:

Lab ID:

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| Client Sample ID: BH23-07 Oft          | - |
|--|---|
| Collection Date: 10/4/2023 10:00:00 AM |   |
| Received Date: 10/6/2023 7:35:00 AM    |   |

| Analyses                         | Result   | RL       | Qual Units | DF | Date Analyzed          | Batch   |
|----------------------------------|----------|----------|------------|----|------------------------|---------|
| EPA METHOD 300.0: ANIONS         |          |          |            |    | Analys                 | t: KCB  |
| Chloride                         | ND       | 60       | mg/Kg      | 20 | 10/11/2023 11:41:12 PM | A 78097 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS |          |            |    | Analys                 | t: DGH  |
| Diesel Range Organics (DRO)      | ND       | 9.3      | mg/Kg      | 1  | 10/9/2023 10:51:59 PM  | 78013   |
| Motor Oil Range Organics (MRO)   | ND       | 46       | mg/Kg      | 1  | 10/9/2023 10:51:59 PM  | 78013   |
| Surr: DNOP                       | 92.3     | 69-147   | %Rec       | 1  | 10/9/2023 10:51:59 PM  | 78013   |
| EPA METHOD 8015D: GASOLINE RANGE |          |          |            |    | Analys                 | t: KMN  |
| Gasoline Range Organics (GRO)    | ND       | 5.0      | mg/Kg      | 1  | 10/10/2023 1:21:00 AM  | 78004   |
| Surr: BFB                        | 96.9     | 15-244   | %Rec       | 1  | 10/10/2023 1:21:00 AM  | 78004   |
| EPA METHOD 8021B: VOLATILES      |          |          |            |    | Analys                 | t: KMN  |
| Benzene                          | ND       | 0.025    | mg/Kg      | 1  | 10/10/2023 1:21:00 AM  | 78004   |
| Toluene                          | ND       | 0.050    | mg/Kg      | 1  | 10/10/2023 1:21:00 AM  | 78004   |
| Ethylbenzene                     | ND       | 0.050    | mg/Kg      | 1  | 10/10/2023 1:21:00 AM  | 78004   |
| Xylenes, Total                   | ND       | 0.10     | mg/Kg      | 1  | 10/10/2023 1:21:00 AM  | 78004   |
| Surr: 4-Bromofluorobenzene       | 85.9     | 39.1-146 | %Rec       | 1  | 10/10/2023 1:21:00 AM  | 78004   |

Matrix: SOIL

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank Above Quantitation Range/Estimated Value
- Е J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

Date Reported: 10/18/2023

| CLIENT: EOG                     | Client Sample ID: BH23-07 2ft                 |          |                     |              |                        |               |  |  |
|---------------------------------|---|----------|---------------------|--------------|------------------------|---------------|--|--|
| Project: Dayton                 | <b>Collection Date:</b> 10/4/2023 10:05:00 AM |          |                     |              |                        |               |  |  |
| Lab ID: 2310321-014             | Matrix: SOIL                                  |          | <b>Received Dat</b> | <b>e:</b> 10 | /6/2023 7:35:00 AM     |               |  |  |
| Analyses                        | Result  | RL       | Qual Units          | DF           | Date Analyzed          | Batch         |  |  |
| EPA METHOD 300.0: ANIONS        |   |          |                     |              | Analys                 | t: KCB        |  |  |
| Chloride                        | 77  | 60       | mg/Kg               | 20           | 10/11/2023 11:53:37 Pl | M 78097       |  |  |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS                                    |          |                     |              | Analys                 | t: DGH        |  |  |
| Diesel Range Organics (DRO)     | ND  | 9.5      | mg/Kg               | 1            | 10/9/2023 11:15:49 PM  | 78013         |  |  |
| Motor Oil Range Organics (MRO)  | ND  | 47       | mg/Kg               | 1            | 10/9/2023 11:15:49 PM  | 78013         |  |  |
| Surr: DNOP                      | 99.9  | 69-147   | %Rec                | 1            | 10/9/2023 11:15:49 PM  | 78013         |  |  |
| EPA METHOD 8015D: GASOLINE RANG | GE  |          |                     |              | Analys                 | t: <b>KMN</b> |  |  |
| Gasoline Range Organics (GRO)   | ND  | 4.8      | mg/Kg               | 1            | 10/10/2023 1:42:00 AM  | 78004         |  |  |
| Surr: BFB                       | 95.8  | 15-244   | %Rec                | 1            | 10/10/2023 1:42:00 AM  | 78004         |  |  |
| EPA METHOD 8021B: VOLATILES     |   |          |                     |              | Analys                 | t: <b>KMN</b> |  |  |
| Benzene                         | ND  | 0.024    | mg/Kg               | 1            | 10/10/2023 1:42:00 AM  | 78004         |  |  |
| Toluene                         | ND  | 0.048    | mg/Kg               | 1            | 10/10/2023 1:42:00 AM  | 78004         |  |  |
| Ethylbenzene                    | ND  | 0.048    | mg/Kg               | 1            | 10/10/2023 1:42:00 AM  | 78004         |  |  |
| Xylenes, Total                  | ND  | 0.097    | mg/Kg               | 1            | 10/10/2023 1:42:00 AM  | 78004         |  |  |
| Surr: 4-Bromofluorobenzene      | 85.9  | 39.1-146 | %Rec                | 1            | 10/10/2023 1:42:00 AM  | 78004         |  |  |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| CLIENT: EOG                      | Client Sample ID: BH23-08 Oft             |          |      |       |    |                        |         |  |
|----------------------------------|---|----------|------|-------|----|------------------------|---------|--|
| Project: Dayton                  | Collection Date: 10/4/2023 10:10:00 AM    |          |      |       |    |                        |         |  |
| Lab ID: 2310321-015              | Matrix: SOIL Received Date: 10/6/2023 7:3 |          |      |       |    |                        |         |  |
| Analyses                         | Result                                    | RL       | Qual | Units | DF | Date Analyzed          | Batch   |  |
| EPA METHOD 300.0: ANIONS         |   |          |      |       |    | Analyst                | ксв     |  |
| Chloride                         | ND  | 60       |      | mg/Kg | 20 | 10/12/2023 12:06:01 AM | 1 78097 |  |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS                                  |          |      |       |    | Analyst                | DGH     |  |
| Diesel Range Organics (DRO)      | ND  | 9.7      |      | mg/Kg | 1  | 10/9/2023 12:58:17 PM  | 78017   |  |
| Motor Oil Range Organics (MRO)   | ND  | 49       |      | mg/Kg | 1  | 10/9/2023 12:58:17 PM  | 78017   |  |
| Surr: DNOP                       | 90.8                                      | 69-147   |      | %Rec  | 1  | 10/9/2023 12:58:17 PM  | 78017   |  |
| EPA METHOD 8015D: GASOLINE RANGE | E   |          |      |       |    | Analyst                | : JJP   |  |
| Gasoline Range Organics (GRO)    | ND  | 4.9      |      | mg/Kg | 1  | 10/10/2023 11:25:37 PM | 1 78012 |  |
| Surr: BFB                        | 94.4                                      | 15-244   |      | %Rec  | 1  | 10/10/2023 11:25:37 PM | 1 78012 |  |
| EPA METHOD 8021B: VOLATILES      |   |          |      |       |    | Analyst                | : JJP   |  |
| Benzene                          | ND  | 0.024    |      | mg/Kg | 1  | 10/9/2023 10:03:20 PM  | 78012   |  |
| Toluene                          | ND  | 0.049    |      | mg/Kg | 1  | 10/9/2023 10:03:20 PM  | 78012   |  |
| Ethylbenzene                     | ND  | 0.049    |      | mg/Kg | 1  | 10/9/2023 10:03:20 PM  | 78012   |  |
| Xylenes, Total                   | ND  | 0.097    |      | mg/Kg | 1  | 10/9/2023 10:03:20 PM  | 78012   |  |
| Surr: 4-Bromofluorobenzene       | 164                                       | 39.1-146 | S    | %Rec  | 1  | 10/9/2023 10:03:20 PM  | 78012   |  |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Released to Imaging: 1/31/2024 4:02:31 PM

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

Date Reported: 10/18/2023

| CLIENT: EOG                     | Client Sample ID: BH23-08 2ft                 |          |                     |       |                  |                        |       |  |
|---------------------------------|---|----------|---------------------|-------|------------------|------------------------|-------|--|
| <b>Project:</b> Dayton          | <b>Collection Date:</b> 10/4/2023 10:15:00 AM |          |                     |       |                  |                        |       |  |
| Lab ID: 2310321-016             | Matrix: SOIL                                  |          | 0/6/2023 7:35:00 AM |       |                  |                        |       |  |
| Analyses                        | Result  | RL       | RL Qual Units       |       | DF Date Analyzed |                        | Batch |  |
| EPA METHOD 300.0: ANIONS        |   |          |                     |       |                  | Analyst:               | ксв   |  |
| Chloride                        | ND  | 60       |                     | mg/Kg | 20               | 10/12/2023 12:18:26 AM | 78097 |  |
| EPA METHOD 8015M/D: DIESEL RANG | <b>BE ORGANICS</b>                            |          |                     |       |                  | Analyst:               | DGH   |  |
| Diesel Range Organics (DRO)     | ND  | 9.4      |                     | mg/Kg | 1                | 10/9/2023 1:09:09 PM   | 78017 |  |
| Motor Oil Range Organics (MRO)  | ND  | 47       |                     | mg/Kg | 1                | 10/9/2023 1:09:09 PM   | 78017 |  |
| Surr: DNOP                      | 94.4  | 69-147   |                     | %Rec  | 1                | 10/9/2023 1:09:09 PM   | 78017 |  |
| EPA METHOD 8015D: GASOLINE RAN  | GE  |          |                     |       |                  | Analyst:               | JJP   |  |
| Gasoline Range Organics (GRO)   | ND  | 4.8      |                     | mg/Kg | 1                | 10/10/2023 11:49:08 PM | 78012 |  |
| Surr: BFB                       | 93.2  | 15-244   |                     | %Rec  | 1                | 10/10/2023 11:49:08 PM | 78012 |  |
| EPA METHOD 8021B: VOLATILES     |   |          |                     |       |                  | Analyst:               | JJP   |  |
| Benzene                         | ND  | 0.024    |                     | mg/Kg | 1                | 10/9/2023 11:13:45 PM  | 78012 |  |
| Toluene                         | ND  | 0.048    |                     | mg/Kg | 1                | 10/9/2023 11:13:45 PM  | 78012 |  |
| Ethylbenzene                    | ND  | 0.048    |                     | mg/Kg | 1                | 10/9/2023 11:13:45 PM  | 78012 |  |
| Xylenes, Total                  | ND  | 0.096    |                     | mg/Kg | 1                | 10/9/2023 11:13:45 PM  | 78012 |  |
| Surr: 4-Bromofluorobenzene      | 175   | 39.1-146 | S                   | %Rec  | 1                | 10/9/2023 11:13:45 PM  | 78012 |  |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321

Date Reported: 10/18/2023

| CLIENT: EOG                     | Client Sample ID: BH23-09 0ft<br>Collection Date: 10/4/2023 10:20:00 AM |                                     |                      |       |                  |                        |       |  |
|---------------------------------|---|-------------------------------------|----------------------|-------|------------------|------------------------|-------|--|
| Project: Dayton                 |   |                                     |                      |       |                  |                        |       |  |
| Lab ID: 2310321-017             | Matrix: SOIL  | Received Date: 10/6/2023 7:35:00 AM |                      |       |                  |                        |       |  |
| Analyses                        | Result  | RL                                  | <b>RL</b> Qual Units |       | DF Date Analyzed |                        | Batch |  |
| EPA METHOD 300.0: ANIONS        |   |                                     |                      |       |                  | Analyst:               | ксв   |  |
| Chloride                        | ND  | 60                                  |                      | mg/Kg | 20               | 10/12/2023 12:30:51 AM | 78097 |  |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS   |                                     |                      |       |                  | Analyst:               | DGH   |  |
| Diesel Range Organics (DRO)     | ND  | 9.5                                 |                      | mg/Kg | 1                | 10/9/2023 1:19:59 PM   | 78017 |  |
| Motor Oil Range Organics (MRO)  | ND  | 47                                  |                      | mg/Kg | 1                | 10/9/2023 1:19:59 PM   | 78017 |  |
| Surr: DNOP                      | 102   | 69-147                              |                      | %Rec  | 1                | 10/9/2023 1:19:59 PM   | 78017 |  |
| EPA METHOD 8015D: GASOLINE RAM  | IGE   |                                     |                      |       |                  | Analyst:               | JJP   |  |
| Gasoline Range Organics (GRO)   | ND  | 4.7                                 |                      | mg/Kg | 1                | 10/11/2023 12:12:39 AM | 78012 |  |
| Surr: BFB                       | 92.6  | 15-244                              |                      | %Rec  | 1                | 10/11/2023 12:12:39 AM | 78012 |  |
| EPA METHOD 8021B: VOLATILES     |   |                                     |                      |       |                  | Analyst:               | JJP   |  |
| Benzene                         | ND  | 0.024                               |                      | mg/Kg | 1                | 10/10/2023 12:24:40 AM | 78012 |  |
| Toluene                         | ND  | 0.047                               |                      | mg/Kg | 1                | 10/10/2023 12:24:40 AM | 78012 |  |
| Ethylbenzene                    | ND  | 0.047                               |                      | mg/Kg | 1                | 10/10/2023 12:24:40 AM | 78012 |  |
| Xylenes, Total                  | ND  | 0.095                               |                      | mg/Kg | 1                | 10/10/2023 12:24:40 AM | 78012 |  |
| Surr: 4-Bromofluorobenzene      | 187   | 39.1-146                            | S                    | %Rec  | 1                | 10/10/2023 12:24:40 AM | 78012 |  |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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**CLIENT: EOG** 

Project: Dayton

**Analytical Report** 

Lab Order 2310321 Date Reported: 10/18/2023

Client Sample ID: BH23-09 2ft Collection Date: 10/4/2023 10:25:00 AM

| Lab ID: 2310321-018             | Matrix: SOIL | <b>Received Date:</b> 10/6/2023 7:35:00 AM |      |       |    |                        |         |
|---------------------------------|--------------|--|------|-------|----|------------------------|---------|
| Analyses                        | Result       | RL   | Qual | Units | DF | Date Analyzed          | Batch   |
| EPA METHOD 300.0: ANIONS        |              |  |      |       |    | Analys                 | t: KCB  |
| Chloride                        | ND           | 60   |      | mg/Kg | 20 | 10/12/2023 12:43:16 Al | M 78097 |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS  |  |      |       |    | Analys                 | t: DGH  |
| Diesel Range Organics (DRO)     | ND           | 9.5  |      | mg/Kg | 1  | 10/9/2023 1:30:49 PM   | 78017   |
| Motor Oil Range Organics (MRO)  | ND           | 47   |      | mg/Kg | 1  | 10/9/2023 1:30:49 PM   | 78017   |
| Surr: DNOP                      | 98.5         | 69-147                                     |      | %Rec  | 1  | 10/9/2023 1:30:49 PM   | 78017   |
| EPA METHOD 8015D: GASOLINE RAM  | IGE          |  |      |       |    | Analys                 | t: JJP  |
| Gasoline Range Organics (GRO)   | ND           | 4.7  |      | mg/Kg | 1  | 10/11/2023 12:36:15 A  | M 78012 |
| Surr: BFB                       | 95.1         | 15-244                                     |      | %Rec  | 1  | 10/11/2023 12:36:15 Al | M 78012 |
| EPA METHOD 8021B: VOLATILES     |              |  |      |       |    | Analys                 | t: JJP  |
| Benzene                         | ND           | 0.023                                      |      | mg/Kg | 1  | 10/10/2023 12:48:20 A  | M 78012 |
| Toluene                         | ND           | 0.047                                      |      | mg/Kg | 1  | 10/10/2023 12:48:20 Al | M 78012 |
| Ethylbenzene                    | ND           | 0.047                                      |      | mg/Kg | 1  | 10/10/2023 12:48:20 Al | M 78012 |
| Xylenes, Total                  | ND           | 0.093                                      |      | mg/Kg | 1  | 10/10/2023 12:48:20 Al | M 78012 |
| Surr: 4-Bromofluorobenzene      | 193          | 39.1-146                                   | S    | %Rec  | 1  | 10/10/2023 12:48:20 A  | M 78012 |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range Reporting Limit
- RL

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Surr: 4-Bromofluorobenzene

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

10/10/2023 1:11:57 AM 78012

| CLIENT: EOG<br>Project: Dayton<br>Lab ID: 2310321-019 | Matrix: SOIL  | Client Sample ID: BH23-10 0ft           Collection Date: 10/4/2023 10:30:00 AM           Matrix: SOIL         Received Date: 10/6/2023 7:35:00 AM |            |                  |                        |         |  |  |
|---|---------------|---|------------|------------------|------------------------|---------|--|--|
| Analyses  | Result        | RL (  | Qual Units | DF Date Analyzed |                        | Batch   |  |  |
| EPA METHOD 300.0: ANIONS                              |               |   |            |                  | Analyst                | : JMT   |  |  |
| Chloride  | ND            | 60  | mg/Kg      | 20               | 10/12/2023 4:57:44 PM  | 78137   |  |  |
| EPA METHOD 8015M/D: DIESEL R                          | ANGE ORGANICS |   |            |                  | Analyst                | DGH     |  |  |
| Diesel Range Organics (DRO)                           | ND            | 9.2   | mg/Kg      | 1                | 10/9/2023 1:41:41 PM   | 78017   |  |  |
| Motor Oil Range Organics (MRO)                        | ND            | 46  | mg/Kg      | 1                | 10/9/2023 1:41:41 PM   | 78017   |  |  |
| Surr: DNOP  | 90.1          | 69-147  | %Rec       | 1                | 10/9/2023 1:41:41 PM   | 78017   |  |  |
| EPA METHOD 8015D: GASOLINE F                          | RANGE         |   |            |                  | Analyst                | : JJP   |  |  |
| Gasoline Range Organics (GRO)                         | ND            | 4.7   | mg/Kg      | 1                | 10/11/2023 12:59:53 AM | 1 78012 |  |  |
| Surr: BFB   | 91.3          | 15-244  | %Rec       | 1                | 10/11/2023 12:59:53 AM | 1 78012 |  |  |
| EPA METHOD 8021B: VOLATILES                           |               |   |            |                  | Analyst                | : JJP   |  |  |
| Benzene   | ND            | 0.023   | mg/Kg      | 1                | 10/10/2023 1:11:57 AM  | 78012   |  |  |
| Toluene   | ND            | 0.047   | mg/Kg      | 1                | 10/10/2023 1:11:57 AM  | 78012   |  |  |
| Ethylbenzene  | ND            | 0.047   | mg/Kg      | 1                | 10/10/2023 1:11:57 AM  | 78012   |  |  |
| Xylenes, Total  | ND            | 0.093   | mg/Kg      | 1                | 10/10/2023 1:11:57 AM  | 78012   |  |  |

200

39.1-146 S

%Rec 1

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
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- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

|                                |                        | ,             |  |              |        | Date Reported. 10/10/2025   |  |  |  |  |  |
|--------------------------------|------------------------|---------------|--|--------------|--------|-----------------------------|--|--|--|--|--|
| CLIENT                         | : EOG                  |               | Cl                                     | lient Sample | ID: BI | H23-10 2ft                  |  |  |  |  |  |
| Project:                       | Dayton                 |               | Collection Date: 10/4/2023 10:35:00 AM |              |        |                             |  |  |  |  |  |
| Lab ID:                        | 2310321-020            | Matrix: SOIL  | L Received Date: 10/6/2023 7:35:00 AM  |              |        |                             |  |  |  |  |  |
| Analyses                       | 5                      | Result        | RL                                     | Qual Units   | DF     | Date Analyzed Batch         |  |  |  |  |  |
| EPA ME                         | THOD 300.0: ANIONS     |               |  |              |        | Analyst: <b>JMT</b>         |  |  |  |  |  |
| Chloride                       |                        | ND            | 60                                     | mg/Ko        | g 20   | 10/12/2023 5:10:09 PM 78137 |  |  |  |  |  |
| EPA ME                         | THOD 8015M/D: DIESEL R | ANGE ORGANICS |  |              |        | Analyst: <b>DGH</b>         |  |  |  |  |  |
| Diesel R                       | ange Organics (DRO)    | ND            | 9.3                                    | mg/Kg        | g 1    | 10/9/2023 1:52:34 PM 78017  |  |  |  |  |  |
| Motor Oil Range Organics (MRO) |                        | ND            | 47                                     | mg/Kg        | g 1    | 10/9/2023 1:52:34 PM 78017  |  |  |  |  |  |
| Surr: I                        | DNOP                   | 95.1          | 69-147                                 | %Rec         | 1      | 10/9/2023 1:52:34 PM 78017  |  |  |  |  |  |
| EPA ME                         | THOD 8015D: GASOLINE   | RANGE         |  |              |        | Analyst: <b>JJP</b>         |  |  |  |  |  |
| Gasoline                       | e Range Organics (GRO) | ND            | 4.8                                    | mg/Kg        | g 1    | 10/11/2023 1:23:29 AM 78012 |  |  |  |  |  |
| Surr: I                        | BFB                    | 94.4          | 15-244                                 | %Rec         | 1      | 10/11/2023 1:23:29 AM 78012 |  |  |  |  |  |
| EPA ME                         | THOD 8021B: VOLATILES  | i             |  |              |        | Analyst: <b>JJP</b>         |  |  |  |  |  |
| Benzene                        | 9                      | ND            | 0.024                                  | mg/Kg        | g 1    | 10/11/2023 1:23:29 AM 78012 |  |  |  |  |  |
| Toluene                        |                        | ND            | 0.048                                  | mg/Kg        | g 1    | 10/11/2023 1:23:29 AM 78012 |  |  |  |  |  |
| Ethylben                       | izene                  | ND            | 0.048                                  | mg/Kg        | g 1    | 10/11/2023 1:23:29 AM 78012 |  |  |  |  |  |
|                                |                        |               |  |              |        |                             |  |  |  |  |  |

ND

100

0.097

39.1-146

mg/Kg

%Rec

1

1

10/11/2023 1:23:29 AM 78012

10/11/2023 1:23:29 AM 78012

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

| Qualifiers: |
|-------------|
|-------------|

Xylenes, Total

Surr: 4-Bromofluorobenzene

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
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- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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**CLIENT: EOG** Project:

Lab ID:

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| Client Sample ID: BH23-11 Oft          |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| Collection Date: 10/4/2023 10:40:00 AM |  |  |  |  |  |  |  |
| Received Date: 10/6/2023 7:35:00 AM    |  |  |  |  |  |  |  |

| Analyses                         | Result   | RL       | Qual Units | DF | Date Analyzed         | Batch  |
|----------------------------------|----------|----------|------------|----|-----------------------|--------|
| EPA METHOD 300.0: ANIONS         |          |          |            |    | Analys                | t: JMT |
| Chloride                         | 100      | 60       | mg/Kg      | 20 | 10/12/2023 6:37:02 PM | 78137  |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS |          |            |    | Analys                | t: DGH |
| Diesel Range Organics (DRO)      | ND       | 9.6      | mg/Kg      | 1  | 10/9/2023 2:03:28 PM  | 78017  |
| Motor Oil Range Organics (MRO)   | ND       | 48       | mg/Kg      | 1  | 10/9/2023 2:03:28 PM  | 78017  |
| Surr: DNOP                       | 96.4     | 69-147   | %Rec       | 1  | 10/9/2023 2:03:28 PM  | 78017  |
| EPA METHOD 8015D: GASOLINE RANGE |          |          |            |    | Analys                | t: JJP |
| Gasoline Range Organics (GRO)    | ND       | 4.8      | mg/Kg      | 1  | 10/11/2023 1:47:06 AM | 78012  |
| Surr: BFB                        | 94.4     | 15-244   | %Rec       | 1  | 10/11/2023 1:47:06 AM | 78012  |
| EPA METHOD 8021B: VOLATILES      |          |          |            |    | Analys                | t: JJP |
| Benzene                          | ND       | 0.024    | mg/Kg      | 1  | 10/11/2023 1:47:06 AM | 78012  |
| Toluene                          | ND       | 0.048    | mg/Kg      | 1  | 10/11/2023 1:47:06 AM | 78012  |
| Ethylbenzene                     | ND       | 0.048    | mg/Kg      | 1  | 10/11/2023 1:47:06 AM | 78012  |
| Xylenes, Total                   | ND       | 0.097    | mg/Kg      | 1  | 10/11/2023 1:47:06 AM | 78012  |
| Surr: 4-Bromofluorobenzene       | 100      | 39.1-146 | %Rec       | 1  | 10/11/2023 1:47:06 AM | 78012  |

Matrix: SOIL

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

\* Value exceeds Maximum Contaminant Level. **Qualifiers:** 

- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit

% Recovery outside of standard limits. If undiluted results may be estimated. S

- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit

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**CLIENT: EOG** Project:

Lab ID:

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| Client Sample ID: BH23-11 2ft          |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| Collection Date: 10/4/2023 10:45:00 AM |  |  |  |  |  |  |  |
| Received Date: 10/6/2023 7:35:00 AM    |  |  |  |  |  |  |  |

| Analyses                         | Result   | RL       | Qual Units | DF | Date Analyzed         | Batch |
|----------------------------------|----------|----------|------------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS         |          |          |            |    | Analyst               | : JMT |
| Chloride                         | ND       | 60       | mg/Kg      | 20 | 10/12/2023 6:49:27 PM | 78137 |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS |          |            |    | Analyst               | : DGH |
| Diesel Range Organics (DRO)      | ND       | 9.6      | mg/Kg      | 1  | 10/9/2023 2:14:21 PM  | 78017 |
| Motor Oil Range Organics (MRO)   | ND       | 48       | mg/Kg      | 1  | 10/9/2023 2:14:21 PM  | 78017 |
| Surr: DNOP                       | 90.5     | 69-147   | %Rec       | 1  | 10/9/2023 2:14:21 PM  | 78017 |
| EPA METHOD 8015D: GASOLINE RANGE |          |          |            |    | Analyst               | : JJP |
| Gasoline Range Organics (GRO)    | ND       | 4.7      | mg/Kg      | 1  | 10/11/2023 2:10:45 AM | 78012 |
| Surr: BFB                        | 92.6     | 15-244   | %Rec       | 1  | 10/11/2023 2:10:45 AM | 78012 |
| EPA METHOD 8021B: VOLATILES      |          |          |            |    | Analyst               | : JJP |
| Benzene                          | ND       | 0.023    | mg/Kg      | 1  | 10/11/2023 2:10:45 AM | 78012 |
| Toluene                          | ND       | 0.047    | mg/Kg      | 1  | 10/11/2023 2:10:45 AM | 78012 |
| Ethylbenzene                     | ND       | 0.047    | mg/Kg      | 1  | 10/11/2023 2:10:45 AM | 78012 |
| Xylenes, Total                   | ND       | 0.094    | mg/Kg      | 1  | 10/11/2023 2:10:45 AM | 78012 |
| Surr: 4-Bromofluorobenzene       | 98.4     | 39.1-146 | %Rec       | 1  | 10/11/2023 2:10:45 AM | 78012 |

Matrix: SOIL

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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**CLIENT: EOG** 

**Project:** 

Lab ID:

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| Client Sample ID: BH23-12 Oft              |  |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|--|
| Collection Date: 10/4/2023 10:50:00 AM     |  |  |  |  |  |  |  |  |
| <b>Bassived Dete:</b> 10/6/2022 7:25:00 AM |  |  |  |  |  |  |  |  |

**Received Date:** 10/6/2023 7:35:00 AM

| Analyses                            | Result | RL Q     | ual Units | DF | Date Analyzed         | Batch |
|-------------------------------------|--------|----------|-----------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS            |        |          |           |    | Analyst               | : JMT |
| Chloride                            | ND     | 60       | mg/Kg     | 20 | 10/12/2023 7:01:51 PM | 78137 |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS |          |           |    | Analyst               | DGH   |
| Diesel Range Organics (DRO)         | ND     | 9.8      | mg/Kg     | 1  | 10/9/2023 2:25:16 PM  | 78017 |
| Motor Oil Range Organics (MRO)      | ND     | 49       | mg/Kg     | 1  | 10/9/2023 2:25:16 PM  | 78017 |
| Surr: DNOP                          | 121    | 69-147   | %Rec      | 1  | 10/9/2023 2:25:16 PM  | 78017 |
| EPA METHOD 8015D: GASOLINE RANGE    |        |          |           |    | Analyst               | : JJP |
| Gasoline Range Organics (GRO)       | ND     | 4.7      | mg/Kg     | 1  | 10/11/2023 2:34:22 AM | 78012 |
| Surr: BFB                           | 92.7   | 15-244   | %Rec      | 1  | 10/11/2023 2:34:22 AM | 78012 |
| EPA METHOD 8021B: VOLATILES         |        |          |           |    | Analyst               | : JJP |
| Benzene                             | ND     | 0.024    | mg/Kg     | 1  | 10/11/2023 2:34:22 AM | 78012 |
| Toluene                             | ND     | 0.047    | mg/Kg     | 1  | 10/11/2023 2:34:22 AM | 78012 |
| Ethylbenzene                        | ND     | 0.047    | mg/Kg     | 1  | 10/11/2023 2:34:22 AM | 78012 |
| Xylenes, Total                      | ND     | 0.094    | mg/Kg     | 1  | 10/11/2023 2:34:22 AM | 78012 |
| Surr: 4-Bromofluorobenzene          | 97.2   | 39.1-146 | %Rec      | 1  | 10/11/2023 2:34:22 AM | 78012 |

Matrix: SOIL

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank В
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- Reporting Limit
- RL

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**CLIENT: EOG** Project:

Lab ID:

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| Client Sample ID: BH23-12 2ft          |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| Collection Date: 10/4/2023 10:55:00 AM |  |  |  |  |  |  |  |
| Received Date: 10/6/2023 7:35:00 AM    |  |  |  |  |  |  |  |

| Analyses                         | Result   | RL       | Qual Units | DF | Date Analyzed         | Batch  |
|----------------------------------|----------|----------|------------|----|-----------------------|--------|
| EPA METHOD 300.0: ANIONS         |          |          |            |    | Analys                | t: JMT |
| Chloride                         | ND       | 60       | mg/Kg      | 20 | 10/12/2023 7:14:16 PM | 78137  |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS |          |            |    | Analys                | t: DGH |
| Diesel Range Organics (DRO)      | ND       | 8.5      | mg/Kg      | 1  | 10/9/2023 2:36:08 PM  | 78017  |
| Motor Oil Range Organics (MRO)   | ND       | 43       | mg/Kg      | 1  | 10/9/2023 2:36:08 PM  | 78017  |
| Surr: DNOP                       | 85.2     | 69-147   | %Rec       | 1  | 10/9/2023 2:36:08 PM  | 78017  |
| EPA METHOD 8015D: GASOLINE RANGE | E        |          |            |    | Analys                | t: JJP |
| Gasoline Range Organics (GRO)    | ND       | 4.7      | mg/Kg      | 1  | 10/11/2023 2:57:53 AM | 78012  |
| Surr: BFB                        | 91.8     | 15-244   | %Rec       | 1  | 10/11/2023 2:57:53 AM | 78012  |
| EPA METHOD 8021B: VOLATILES      |          |          |            |    | Analys                | t: JJP |
| Benzene                          | ND       | 0.024    | mg/Kg      | 1  | 10/11/2023 2:57:53 AM | 78012  |
| Toluene                          | ND       | 0.047    | mg/Kg      | 1  | 10/11/2023 2:57:53 AM | 78012  |
| Ethylbenzene                     | ND       | 0.047    | mg/Kg      | 1  | 10/11/2023 2:57:53 AM | 78012  |
| Xylenes, Total                   | ND       | 0.095    | mg/Kg      | 1  | 10/11/2023 2:57:53 AM | 78012  |
| Surr: 4-Bromofluorobenzene       | 96.6     | 39.1-146 | %Rec       | 1  | 10/11/2023 2:57:53 AM | 78012  |

Matrix: SOIL

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit

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Dayton

2310321-025

**CLIENT: EOG** 

**Project:** 

Lab ID:

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| Client Sample ID: BH23-13 Oft              |  |  |  |  |  |  |  |
|--|--|--|--|--|--|--|--|
| Collection Date: 10/4/2023 11:00:00 AM     |  |  |  |  |  |  |  |
| <b>Received Date:</b> 10/6/2023 7:35:00 AM |  |  |  |  |  |  |  |

| Analyses                            | Result  | RL (     | Qual Units | DF | Date Analyzed         | Batch |
|-------------------------------------|---------|----------|------------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS            |         |          |            |    | Analyst               | : ЈМТ |
| Chloride                            | ND      | 60       | mg/Kg      | 20 | 10/12/2023 7:26:40 PM | 78137 |
| EPA METHOD 8015M/D: DIESEL RANGE OI | RGANICS |          |            |    | Analyst               | DGH   |
| Diesel Range Organics (DRO)         | ND      | 8.9      | mg/Kg      | 1  | 10/9/2023 2:57:42 PM  | 78017 |
| Motor Oil Range Organics (MRO)      | ND      | 44       | mg/Kg      | 1  | 10/9/2023 2:57:42 PM  | 78017 |
| Surr: DNOP                          | 93.6    | 69-147   | %Rec       | 1  | 10/9/2023 2:57:42 PM  | 78017 |
| EPA METHOD 8015D: GASOLINE RANGE    |         |          |            |    | Analyst               | : JJP |
| Gasoline Range Organics (GRO)       | ND      | 4.7      | mg/Kg      | 1  | 10/11/2023 3:44:57 AM | 78012 |
| Surr: BFB                           | 94.4    | 15-244   | %Rec       | 1  | 10/11/2023 3:44:57 AM | 78012 |
| EPA METHOD 8021B: VOLATILES         |         |          |            |    | Analyst               | : JJP |
| Benzene                             | ND      | 0.024    | mg/Kg      | 1  | 10/11/2023 3:44:57 AM | 78012 |
| Toluene                             | ND      | 0.047    | mg/Kg      | 1  | 10/11/2023 3:44:57 AM | 78012 |
| Ethylbenzene                        | ND      | 0.047    | mg/Kg      | 1  | 10/11/2023 3:44:57 AM | 78012 |
| Xylenes, Total                      | ND      | 0.094    | mg/Kg      | 1  | 10/11/2023 3:44:57 AM | 78012 |
| Surr: 4-Bromofluorobenzene          | 100     | 39.1-146 | %Rec       | 1  | 10/11/2023 3:44:57 AM | 78012 |

Matrix: SOIL

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

- \* Value exceeds Maximum Contaminant Level. D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р Reporting Limit
- RL

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**CLIENT: EOG** 

**Project:** 

Lab ID:

Analytical Report

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| Result       | RL Oual Units DF Date Analyzed             | Bat |
|--------------|--|-----|
| Matrix: SOIL | <b>Received Date:</b> 10/6/2023 7:35:00 AM |     |
|              | Collection Date: 10/4/2023 11:05:00 AM     |     |
|              | Client Sample ID: BH23-13 2ft              |     |
|              |  |     |

| Analyses                            | Result | RL       | Qual Units | DF | Date Analyzed         | Batch |
|-------------------------------------|--------|----------|------------|----|-----------------------|-------|
| EPA METHOD 300.0: ANIONS            |        |          |            |    | Analyst               | : ЈМТ |
| Chloride                            | 85     | 59       | mg/Kg      | 20 | 10/12/2023 7:39:05 PM | 78137 |
| EPA METHOD 8015M/D: DIESEL RANGE OR | GANICS |          |            |    | Analyst               | DGH   |
| Diesel Range Organics (DRO)         | ND     | 9.6      | mg/Kg      | 1  | 10/9/2023 3:08:33 PM  | 78017 |
| Motor Oil Range Organics (MRO)      | ND     | 48       | mg/Kg      | 1  | 10/9/2023 3:08:33 PM  | 78017 |
| Surr: DNOP                          | 104    | 69-147   | %Rec       | 1  | 10/9/2023 3:08:33 PM  | 78017 |
| EPA METHOD 8015D: GASOLINE RANGE    |        |          |            |    | Analyst               | : JJP |
| Gasoline Range Organics (GRO)       | ND     | 4.9      | mg/Kg      | 1  | 10/11/2023 4:08:34 AM | 78012 |
| Surr: BFB                           | 93.0   | 15-244   | %Rec       | 1  | 10/11/2023 4:08:34 AM | 78012 |
| EPA METHOD 8021B: VOLATILES         |        |          |            |    | Analyst               | : JJP |
| Benzene                             | ND     | 0.024    | mg/Kg      | 1  | 10/11/2023 4:08:34 AM | 78012 |
| Toluene                             | ND     | 0.049    | mg/Kg      | 1  | 10/11/2023 4:08:34 AM | 78012 |
| Ethylbenzene                        | ND     | 0.049    | mg/Kg      | 1  | 10/11/2023 4:08:34 AM | 78012 |
| Xylenes, Total                      | ND     | 0.097    | mg/Kg      | 1  | 10/11/2023 4:08:34 AM | 78012 |
| Surr: 4-Bromofluorobenzene          | 98.3   | 39.1-146 | %Rec       | 1  | 10/11/2023 4:08:34 AM | 78012 |

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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated ValueJ Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Dayton

**CLIENT: EOG** 

**Project:** 

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| Client Sample ID: BH23-14 Oft          |
|--|
| Collection Date: 10/4/2023 11:10:00 AM |
| Received Date: 10/6/2023 7:35:00 AM    |

| Lab ID: 2310321-027             | Matrix: SOIL | Received Date: 10/6/2023 7:35:00 AM |            |    |                       |       |  |
|---------------------------------|--------------|-------------------------------------|------------|----|-----------------------|-------|--|
| Analyses                        | Result       | RL                                  | Qual Units | DF | Date Analyzed         | Batch |  |
| EPA METHOD 300.0: ANIONS        |              |                                     |            |    | Analyst               | JMT   |  |
| Chloride                        | 320          | 60                                  | mg/Kg      | 20 | 10/12/2023 8:16:19 PM | 78137 |  |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS  |                                     |            |    | Analyst               | DGH   |  |
| Diesel Range Organics (DRO)     | ND           | 9.8                                 | mg/Kg      | 1  | 10/9/2023 3:19:23 PM  | 78017 |  |
| Motor Oil Range Organics (MRO)  | ND           | 49                                  | mg/Kg      | 1  | 10/9/2023 3:19:23 PM  | 78017 |  |
| Surr: DNOP                      | 83.3         | 69-147                              | %Rec       | 1  | 10/9/2023 3:19:23 PM  | 78017 |  |
| EPA METHOD 8015D: GASOLINE RAN  | IGE          |                                     |            |    | Analyst               | JJP   |  |
| Gasoline Range Organics (GRO)   | ND           | 5.0                                 | mg/Kg      | 1  | 10/11/2023 4:31:55 AM | 78012 |  |
| Surr: BFB                       | 96.9         | 15-244                              | %Rec       | 1  | 10/11/2023 4:31:55 AM | 78012 |  |
| EPA METHOD 8021B: VOLATILES     |              |                                     |            |    | Analyst               | JJP   |  |
| Benzene                         | ND           | 0.025                               | mg/Kg      | 1  | 10/11/2023 4:31:55 AM | 78012 |  |
| Toluene                         | ND           | 0.050                               | mg/Kg      | 1  | 10/11/2023 4:31:55 AM | 78012 |  |
| Ethylbenzene                    | ND           | 0.050                               | mg/Kg      | 1  | 10/11/2023 4:31:55 AM | 78012 |  |
| Xylenes, Total                  | ND           | 0.099                               | mg/Kg      | 1  | 10/11/2023 4:31:55 AM | 78012 |  |
| Surr: 4-Bromofluorobenzene      | 102          | 39.1-146                            | %Rec       | 1  | 10/11/2023 4:31:55 AM | 78012 |  |

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

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- Н Holding times for preparation or analysis exceeded
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- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL

Reporting Limit

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**CLIENT: EOG** Project:

Lab ID:

**Analytical Report** 

## Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310321 Date Reported: 10/18/2023

| Client Sample ID: BH23-14 2ft          |
|--|
| Collection Date: 10/4/2023 11:15:00 AM |
| Received Date: 10/6/2023 7:35:00 AM    |

| Analyses                         | Result   | RL       | Qual Units | DF | Date Analyzed         | Batch  |
|----------------------------------|----------|----------|------------|----|-----------------------|--------|
| EPA METHOD 300.0: ANIONS         |          |          |            |    | Analys                | t: JMT |
| Chloride                         | ND       | 60       | mg/Kg      | 20 | 10/12/2023 8:28:43 PM | 78137  |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS |          |            |    | Analys                | t: DGH |
| Diesel Range Organics (DRO)      | ND       | 8.9      | mg/Kg      | 1  | 10/9/2023 3:30:13 PM  | 78017  |
| Motor Oil Range Organics (MRO)   | ND       | 44       | mg/Kg      | 1  | 10/9/2023 3:30:13 PM  | 78017  |
| Surr: DNOP                       | 75.4     | 69-147   | %Rec       | 1  | 10/9/2023 3:30:13 PM  | 78017  |
| EPA METHOD 8015D: GASOLINE RANGE |          |          |            |    | Analys                | t: JJP |
| Gasoline Range Organics (GRO)    | ND       | 4.8      | mg/Kg      | 1  | 10/11/2023 4:55:29 AM | 78012  |
| Surr: BFB                        | 95.5     | 15-244   | %Rec       | 1  | 10/11/2023 4:55:29 AM | 78012  |
| EPA METHOD 8021B: VOLATILES      |          |          |            |    | Analys                | t: JJP |
| Benzene                          | ND       | 0.024    | mg/Kg      | 1  | 10/11/2023 4:55:29 AM | 78012  |
| Toluene                          | ND       | 0.048    | mg/Kg      | 1  | 10/11/2023 4:55:29 AM | 78012  |
| Ethylbenzene                     | ND       | 0.048    | mg/Kg      | 1  | 10/11/2023 4:55:29 AM | 78012  |
| Xylenes, Total                   | ND       | 0.096    | mg/Kg      | 1  | 10/11/2023 4:55:29 AM | 78012  |
| Surr: 4-Bromofluorobenzene       | 101      | 39.1-146 | %Rec       | 1  | 10/11/2023 4:55:29 AM | 78012  |

Matrix: SOIL

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
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- PQL Practical Quanitative Limit
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- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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EOG

**Client:** 

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

| Project:   | Dayton     |                                      |   |
|------------|------------|--------------------------------------|---|
| Sample ID: | MB-78041   | SampType: mblk TestCode              | EPA Method 300.0: Anions                |
| Client ID: | PBS        | Batch ID: 78041 RunNo                | 100325                                  |
| Prep Date: | 10/9/2023  | Analysis Date: 10/9/2023 SeqNo       | : 3674585 Units: mg/Kg                  |
| Analyte    |            | Result PQL SPK value SPK Ref Val %RE | C LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride   |            | ND 1.5                               |   |
| Sample ID: | LCS-78041  | SampType: Ics TestCode               | EPA Method 300.0: Anions                |
| Client ID: | LCSS       | Batch ID: 78041 RunNo                | 100325                                  |
| Prep Date: | 10/9/2023  | Analysis Date: 10/9/2023 SeqNo       | : 3674586 Units: mg/Kg                  |
| Analyte    |            | Result PQL SPK value SPK Ref Val %RE | C LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride   |            | 14 1.5 15.00 0 91                    | .7 90 110                               |
| Sample ID: | MB-78097   | SampType: mblk TestCode              | EPA Method 300.0: Anions                |
| Client ID: | PBS        | Batch ID: 78097 RunNo                | : 100387                                |
| Prep Date: | 10/11/2023 | Analysis Date: 10/11/2023 SeqNo      | : 3677849 Units: mg/Kg                  |
| Analyte    |            | Result PQL SPK value SPK Ref Val %RE | C LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride   |            | ND 1.5                               |   |
| Sample ID: | LCS-78097  | SampType: Ics TestCode               | EPA Method 300.0: Anions                |
| Client ID: | LCSS       | Batch ID: 78097 RunNo                | : 100387                                |
| Prep Date: | 10/11/2023 | Analysis Date: 10/11/2023 SeqNo      | : 3677850 Units: mg/Kg                  |
| Analyte    |            | Result PQL SPK value SPK Ref Val %RE | C LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride   |            | 14 1.5 15.00 0 91                    | .4 90 110                               |
| Sample ID: | MB-78137   | SampType: mblk TestCode              | EPA Method 300.0: Anions                |
| Client ID: | PBS        | Batch ID: 78137 RunNo                | 100424                                  |
| Prep Date: | 10/12/2023 | Analysis Date: 10/12/2023 SeqNo      | : 3679787 Units: mg/Kg                  |
| Analyte    |            | Result PQL SPK value SPK Ref Val %RE | C LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride   |            | ND 1.5                               |   |
| Sample ID: | LCS-78137  | SampType: Ics TestCode               | EPA Method 300.0: Anions                |
| Client ID: | LCSS       | Batch ID: 78137 RunNo                | : 100424                                |
| Prep Date: | 10/12/2023 | Analysis Date: 10/12/2023 SeqNo      | : 3679788 Units: mg/Kg                  |
| Analyte    |            | Result PQL SPK value SPK Ref Val %RE | C LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride   |            | 14 1.5 15.00 0 95                    | .3 90 110                               |

#### Qualifiers:

- Value exceeds Maximum Contaminant Level. \*
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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WO#: 2310321 18-Oct-23

EOG

**Client:** 

Analyte

Surr: DNOP

Diesel Range Organics (DRO)

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

| D. I. I. I.           |                      |          |
|-----------------------|----------------------|----------|
| <i>Keleased to Im</i> | aging: 1/31/2024 4:( | 02:31 PM |

| Qualifiers: |
|-------------|
|-------------|

(

- Value exceeds Maximum Contaminant Level.
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S

Result

58

4.9

PQL

10

SPK value SPK Ref Val

0

50.00

5.000

Analyte detected in the associated Method Blank в

%REC

116

98.9

LowLimit

61.9

69

HighLimit

130

147

%RPD

RPDLimit

Qual

- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

| <b>D</b> | 20  | . ( )) |
|----------|-----|--------|
| Page     | -30 | of 33  |

2310321

18-Oct-23

WO#:

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| <b>Project:</b> Day          | yton                  |                    |                       |                       |               |
|------------------------------|-----------------------|--------------------|-----------------------|-----------------------|---------------|
| Sample ID: LCS-78017         | SampType: LCS         | Т                  | estCode: EPA Method   | 8015M/D: Diesel Range | organics      |
| Client ID: LCSS              | Batch ID: 78017       | ,                  | RunNo: 100317         |                       |               |
| Prep Date: 10/6/2023         | Analysis Date: 10/9/  | 2023               | SeqNo: <b>3673667</b> | Units: <b>mg/Kg</b>   |               |
| Analyte                      | Result PQL S          | PK value SPK Ref V | al %REC LowLimit      | HighLimit %RPD        | RPDLimit Qual |
| Diesel Range Organics (DRO)  | 56 10                 | 50.00 0            | 112 61.9              | 130                   |               |
| Surr: DNOP                   | 5.5                   | 5.000              | 109 69                | 147                   |               |
| Sample ID: MB-78017          | SampType: MBLK        | <b>с</b> т         | estCode: EPA Method   | 8015M/D: Diesel Range | organics      |
| Client ID: PBS               | Batch ID: 78017       | ,                  | RunNo: 100317         |                       |               |
| Prep Date: 10/6/2023         | Analysis Date: 10/9/2 | 2023               | SeqNo: 3673669        | Units: <b>mg/Kg</b>   |               |
| Analyte                      | Result PQL S          | PK value SPK Ref V | al %REC LowLimit      | HighLimit %RPD        | RPDLimit Qual |
| Diesel Range Organics (DRO)  | ND 10                 |                    |                       |                       |               |
| Motor Oil Range Organics (MF | O) ND 50              |                    |                       |                       |               |
| Surr: DNOP                   | 11                    | 10.00              | 107 69                | 147                   |               |
| Sample ID: MB-78013          | SampType: MBLK        | <b>(</b> T         | estCode: EPA Method   | 8015M/D: Diesel Range | organics      |
| Client ID: PBS               | Batch ID: 78013       |                    | RunNo: 100341         |                       |               |
| Prep Date: 10/6/2023         | Analysis Date: 10/9/2 | 2023               | SeqNo: 3675677        | Units: <b>mg/Kg</b>   |               |
| Analyte                      | Result PQL S          | PK value SPK Ref V | al %REC LowLimit      | HighLimit %RPD        | RPDLimit Qual |
| Diesel Range Organics (DRO)  | ND 10                 |                    |                       |                       |               |
| Motor Oil Range Organics (MF | O) ND 50              |                    |                       |                       |               |
| Surr: DNOP                   | 12                    | 10.00              | 120 69                | 147                   |               |
| Sample ID: LCS-78013         | SampType: LCS         | Т                  | estCode: EPA Method   | 8015M/D: Diesel Range | organics      |
| Client ID: LCSS              | Batch ID: 78013       | i                  | RunNo: 100341         |                       |               |
| Prep Date: 10/6/2023         | Analysis Date: 10/9/  | 2023               | SeqNo: 3675678        | Units: <b>mg/Kg</b>   |               |

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

|  | Page | <u>66</u> | of | <b>98</b> |
|--|------|-----------|----|-----------|
|--|------|-----------|----|-----------|

| WO#: | 2310321   |
|------|-----------|
|      | 18-Oct-23 |

| Client:                     | EOG              |                |                     |                   |             |                 |                |                  |           |          |      |
|-----------------------------|------------------|----------------|---------------------|-------------------|-------------|-----------------|----------------|------------------|-----------|----------|------|
| Project:                    | Dayton           |                |                     |                   |             |                 |                |                  |           |          |      |
| Sample ID:                  | lcs-78004        | SampT          | ype: LC             | s                 | Tes         | tCode: El       | PA Method      | 8015D: Gasol     | ine Range |          |      |
| Client ID:                  | LCSS             | Batch          | ID: 78              | 004               |             | RunNo: 1        |                |                  | · ·       |          |      |
| Prep Date:                  | 10/6/2023        | Analysis Da    | ate: 10             | 0/9/2023          | :           | SeqNo: 3        | 674525         | Units: mg/K      | g         |          |      |
| Analyte                     |                  | Result         | PQL                 | SPK value         | SPK Ref Val | %REC            | LowLimit       | HighLimit        | %RPD      | RPDLimit | Qual |
| Gasoline Range<br>Surr: BFB | e Organics (GRO) | 26<br>2200     | 5.0                 | 25.00<br>1000     | 0           | 105<br>223      | 70<br>15       | 130<br>244       |           |          |      |
| Sample ID:                  | mb-78004         | SampT          | ype: ME             | BLK               | Tes         | tCode: El       | PA Method      | 8015D: Gasol     | ine Range |          |      |
| Client ID:                  | PBS              | Batch          | ID: 78              | 004               | F           | RunNo: <b>1</b> | 00314          |                  |           |          |      |
| Prep Date:                  | 10/6/2023        | Analysis Da    | ate: <b>1(</b>      | 0/9/2023          | :           | SeqNo: 3        | 674526         | Units: mg/K      | 9         |          |      |
| Analyte                     |                  | Result         | PQL                 | SPK value         | SPK Ref Val | %REC            | LowLimit       | HighLimit        | %RPD      | RPDLimit | Qual |
| Gasoline Range<br>Surr: BFB | e Organics (GRO) | ND<br>970      | 5.0                 | 1000              |             | 96.8            | 15             | 244              |           |          |      |
| Sample ID:                  | lcs-78012        | SampT          | ype: LC             | s                 | Tes         | tCode: El       | PA Method      | 8015D: Gasol     | ine Range |          |      |
| Client ID:                  | LCSS             | Batch          | ID: 78              | 012               | F           | RunNo: 1        | 00311          |                  |           |          |      |
| Prep Date:                  | 10/6/2023        | Analysis Da    | ate: <b>1(</b>      | 0/9/2023          | :           | SeqNo: 3        | 674676         | Units: mg/K      | 9         |          |      |
| Analyte                     |                  | Result         | PQL                 | SPK value         | SPK Ref Val | %REC            | LowLimit       | HighLimit        | %RPD      | RPDLimit | Qual |
| Gasoline Range<br>Surr: BFB | e Organics (GRO) | 25<br>2500     | 5.0                 | 25.00<br>1000     | 0           | 99.7<br>251     | 70<br>15       | 130<br>244       |           |          | S    |
| Sample ID:                  | mb-78012         | SampT          | ype: ME             | BLK               | Tes         | tCode: El       | PA Method      | 8015D: Gasol     | ine Range |          |      |
| Client ID:                  | PBS              | Batch          | ID: 78              | 012               | F           | RunNo: 1        | 00311          |                  |           |          |      |
| Prep Date:                  | 10/6/2023        | Analysis Da    | ate: <b>1(</b>      | 0/9/2023          | :           | SeqNo: 3        | 674677         | Units: mg/K      | 9         |          |      |
| Analyte                     |                  | Result         | PQL                 | SPK value         | SPK Ref Val | %REC            | LowLimit       | HighLimit        | %RPD      | RPDLimit | Qual |
| Gasoline Range<br>Surr: BFB | e Organics (GRO) | ND<br>1500     | 5.0                 | 1000              |             | 147             | 15             | 244              |           |          |      |
| Sample ID:                  | lcs-78036        | SampT          | ype: LC             | s                 | Tes         | tCode: El       | PA Method      | 8015D: Gasol     | ine Range |          |      |
| Client ID:                  | LCSS             | Batch          | ID: 78              | 036               | F           | RunNo: 1        | 00364          |                  |           |          |      |
| Prep Date:                  | 10/9/2023        | Analysis Da    | ate: 10             | 0/10/2023         | :           | SeqNo: 3        | 675845         | Units: %Rec      |           |          |      |
| Analyte<br>Surr: BFB        |                  | Result<br>1900 | PQL                 | SPK value<br>1000 | SPK Ref Val | %REC<br>194     | LowLimit<br>15 | HighLimit<br>244 | %RPD      | RPDLimit | Qual |
| Sample ID:                  | mb-78036         | SampT          | vpe <sup>.</sup> MF | BI K              | Teo         | stCode: FI      | PA Method      | 8015D: Gasol     | ine Rance |          |      |
| Client ID:                  | PBS              | • •            | ID: 78              |                   |             | RunNo: 1        |                |                  |           |          |      |
| Prep Date:                  | 10/9/2023        | Analysis Da    |                     |                   |             | SeqNo: 3        |                | Units: %Rec      |           |          |      |
| Analyte                     | -                | Result         | PQL                 |                   | 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 Quanitative Limit

S % Recovery outside of standard limits. If undiluted results may be estimated.

B Analyte detected in the associated Method Blank

E Above Quantitation Range/Estimated Value

J Analyte detected below quantitation limits

P Sample pH Not In Range

P Sample pH Not In Ra RL Reporting Limit

EOG

Dayton

**Client:** 

**Project:** 

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| 2310321   | WO#: |
|-----------|------|
| 18-Oct-23 |      |

| Sample ID: Ics-78004       | Samp       | Туре: <b>LC</b>   | S         | Tes         | tCode: EF        | PA Method | 8021B: Volati      | les  |          |      |
|----------------------------|------------|-------------------|-----------|-------------|------------------|-----------|--------------------|------|----------|------|
| Client ID: LCSS            | Batc       | h ID: <b>78(</b>  | 004       | F           | RunNo: <b>1(</b> | 00314     |                    |      |          |      |
| Prep Date: 10/6/2023       | Analysis I | Date: <b>10</b>   | /9/2023   | S           | SeqNo: 36        | 674389    | Units: <b>mg/K</b> | g    |          |      |
| Analyte                    | Result     | PQL               | SPK value | SPK Ref Val | %REC             | LowLimit  | HighLimit          | %RPD | RPDLimit | Qual |
| Benzene                    | 0.90       | 0.025             | 1.000     | 0           | 89.5             | 70        | 130                |      |          |      |
| Toluene                    | 0.90       | 0.050             | 1.000     | 0           | 89.7             | 70        | 130                |      |          |      |
| Ethylbenzene               | 0.92       | 0.050             | 1.000     | 0           | 91.8             | 70        | 130                |      |          |      |
| Xylenes, Total             | 2.7        | 0.10              | 3.000     | 0           | 91.5             | 70        | 130                |      |          |      |
| Surr: 4-Bromofluorobenzene | 0.87       |                   | 1.000     |             | 87.1             | 39.1      | 146                |      |          |      |
| Sample ID: mb-78004        | Samp       | Туре: МЕ          | BLK       | Tes         | tCode: EF        | PA Method | 8021B: Volati      | les  |          |      |
| Client ID: PBS             | Batc       | h ID: <b>78</b>   | 004       | F           | RunNo: <b>1(</b> | 00314     |                    |      |          |      |
| Prep Date: 10/6/2023       | Analysis I | Date: 10          | /9/2023   | S           | SeqNo: 36        | 674390    | Units: <b>mg/K</b> | g    |          |      |
| Analyte                    | Result     | PQL               | SPK value | SPK Ref Val | %REC             | LowLimit  | HighLimit          | %RPD | RPDLimit | Qual |
| Benzene                    | ND         | 0.025             |           |             |                  |           |                    |      |          |      |
| Toluene                    | ND         | 0.050             |           |             |                  |           |                    |      |          |      |
| Ethylbenzene               | ND         | 0.050             |           |             |                  |           |                    |      |          |      |
| Xylenes, Total             | ND         | 0.10              |           |             |                  |           |                    |      |          |      |
| Surr: 4-Bromofluorobenzene | 0.85       |                   | 1.000     |             | 85.5             | 39.1      | 146                |      |          |      |
| Sample ID: LCS-78012       | Samp       | Туре: <b>LC</b>   | S         | Tes         | tCode: EF        | PA Method | 8021B: Volati      | les  |          |      |
| Client ID: LCSS            | Batc       | h ID: <b>780</b>  | 012       | F           | RunNo: <b>1(</b> | 00311     |                    |      |          |      |
| Prep Date: 10/6/2023       | Analysis I | Date: 10          | /9/2023   | S           | SeqNo: 36        | 674833    | Units: <b>mg/K</b> | g    |          |      |
| Analyte                    | Result     | PQL               | SPK value | SPK Ref Val | %REC             | LowLimit  | HighLimit          | %RPD | RPDLimit | Qual |
| Benzene                    | 1.0        | 0.025             | 1.000     | 0           | 101              | 70        | 130                |      |          |      |
| Toluene                    | 1.0        | 0.050             | 1.000     | 0           | 101              | 70        | 130                |      |          |      |
| Ethylbenzene               | 1.0        | 0.050             | 1.000     | 0           | 101              | 70        | 130                |      |          |      |
| Xylenes, Total             | 3.1        | 0.10              | 3.000     | 0           | 103              | 70        | 130                |      |          |      |
| Surr: 4-Bromofluorobenzene | 1.6        |                   | 1.000     |             | 159              | 39.1      | 146                |      |          | S    |
| Sample ID: mb-78012        | Samp       | Туре: <b>МЕ</b>   | BLK       | Tes         | tCode: EF        | PA Method | 8021B: Volati      | les  |          |      |
| Client ID: PBS             | Batc       | h ID: <b>78</b> 0 | 012       | F           | RunNo: <b>1(</b> | 00311     |                    |      |          |      |
| Prep Date: 10/6/2023       | Analysis I | Date: <b>10</b>   | /9/2023   | S           | SeqNo: 36        | 674835    | Units: <b>mg/K</b> | g    |          |      |
| 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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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|                                      | WO#: | 2310321   |
|--------------------------------------|------|-----------|
| ironmental Analysis Laboratory, Inc. |      | 18-Oct-23 |

| Client:<br>Project: | EOG<br>Dayton   |            |                |           |             |           |           |               |      |          |      |
|---------------------|-----------------|------------|----------------|-----------|-------------|-----------|-----------|---------------|------|----------|------|
| Sample ID:          | LCS-78036       | SampT      | ype: LC        | S         | Tes         | tCode: El | PA Method | 8021B: Volati | les  |          |      |
| Client ID:          | LCSS            | Batch      | ID: 78         | 036       | F           | RunNo: 10 | 00364     |               |      |          |      |
| Prep Date:          | 10/9/2023       | Analysis D | ate: <b>1(</b> | 0/10/2023 | S           | SeqNo: 3  | 675894    | Units: %Rec   |      |          |      |
| Analyte             |                 | Result     | PQL            | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit     | %RPD | RPDLimit | Qual |
| Surr: 4-Bron        | nofluorobenzene | 1.0        |                | 1.000     |             | 103       | 39.1      | 146           |      |          |      |
| Sample ID:          | mb-78036        | SampT      | ype: ME        | BLK       | Tes         | tCode: Ef | PA Method | 8021B: Volati | les  |          |      |
| Client ID:          | PBS             | Batch      | ID: 78         | 036       | F           | RunNo: 10 | 00364     |               |      |          |      |
| Prep Date:          | 10/9/2023       | Analysis D | ate: <b>1(</b> | 0/10/2023 | S           | SeqNo: 3  | 675895    | Units: %Rec   |      |          |      |
| Analyte             |                 | Result     | PQL            | SPK value | SPK Ref Val | %REC      | LowLimit  | HighLimit     | %RPD | RPDLimit | Qual |
| Surr: 4-Bron        | nofluorobenzene | 1.0        |                | 1.000     |             | 101       | 39.1      | 146           |      |          |      |

Qualifiers:

- Value exceeds Maximum Contaminant Level. \*
- D Sample Diluted Due to Matrix
- Н Holding times for preparation or analysis exceeded
- Not Detected at the Reporting Limit ND
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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

# Sample Log-In Check List

Released to Imaging: 1/31/2024 4:02:31 PM

| Completed By:       Cheyenne Cason       10/6/2023 8:20:22 AM         Reviewed By:       SCM       10/6/0/33         Schain of Custody       No       Not Present         1. Is Chain of Custody complete?       Yes       No       Not Present         2. How was the sample delivered?       Client         Complete?         Yes       No       NA         8. Was an attempt made to cool the samples?       Yes       No       NA         4. Were all samples received at a temperature of >0° C to 6.0°C       Yes       No       NA         5. Sample(s) in proper container(s)?       Yes       No       NA         7. Are sample volume for indicated test(s)?       Yes       No       NA         8. Sufficient sample volume for indicated test(s)?       Yes       No       NA         9. Received at least 1 vial with headspace <1/4° for AQ VOA?       Yes       No       NA         9. Received at least 1 vial with headspace <1/4° for AQ VOA?       Yes       No       If of preserved bottles checked?         1. Does paperwork match bottle labels?       Yes       No       If of preserved bottles checked?       Adjusted?         2. Are matrices correctly identified on Chain of Custody?       Yes       No       If of preserved bottles checked? <tr< th=""><th></th><th>n cosne: n n n na</th><th>llenvironmenta</th><th>1.00</th><th></th><th></th></tr<>  |  | n cosne: n n n na               | llenvironmenta          | 1.00                               |             |                   |
|--|--|---------------------------------|-------------------------|------------------------------------|-------------|-------------------|
| Reviewed By: SM 10/0/73         2hain of Custody         1. Is Chain of Custody complete?         2. How was the sample delivered?         2. How was the sample delivered?         Client         2. How was the sample delivered?         Client         2. How was the sample delivered?         Client         2. How was the sample delivered?         Yes       No         4. Were all samples received at a temperature of >0° C to 6.0°C         5. Sample(s) in proper container(s)?         Yes       No         6. Sufficient sample volume for indicated test(s)?         7. Are samples (except VOA and ONG) properly preserved?         8. Was preservative added to bottles?         9. Received at least 1 viat with headspace <1/4" for AQ VOA?         10. Were any sample containers received broken?         Yes       No         11. Does paperwork match bottle labels?         (Note discrepancies on chain of custody)         2. Are matrices correctly identified on Chain of Custody?         Yes       No         Yes       No         Vere all holding times able to be met?         (If no, notify custome for authorization.)         Special Hancling (if applicable)         15. Was client notified:   | e: EOG   | Work Order Number:              | 2310321                 |                                    | RcptNo:     | 1                 |
| Reviewed By: SM 10/0/73         2hain of Custody         1. Is Chain of Custody complete?         2. How was the sample delivered?         2. How was the sample delivered?         Client         2. How was the sample delivered?         Client         2. How was the sample delivered?         Client         2. How was the sample delivered?         Yes       No         4. Were all samples received at a temperature of >0° C to 6.0°C         5. Sample(s) in proper container(s)?         Yes       No         6. Sufficient sample volume for indicated test(s)?         7. Are samples (except VOA and ONG) properly preserved?         8. Was preservative added to bottles?         9. Received at least 1 viat with headspace <1/4" for AQ VOA?   | v: Juan Rojas 10   | /6/2023 7:35 <sup>.</sup> 00 AM |                         | i landa g                          |             |                   |
| Reviewed By: SM 10/0/33         2hain of Custody         1. Is Chain of Custody complete?         2. How was the sample delivered?         4. Were all samples received at a temperature of >0° C to 6.0°C         5. Sample(s) in proper container(s)?         7. Are samples (except VOA and ONG) properly preserved?         8. Was preservative added to bottles?         9. Received at least 1 vial with headspace <1/4" for AQ VOA?  | ,  |                                 |                         | 1.1.                               |             |                   |
| Chain of Custody       No       No       Not Present         1. Is Chain of Custody complete?       Yes       No       Not Present         2. How was the sample delivered?       Client         Log In  |  | /6/2023 6.20.22 AW              |                         | Gene                               |             |                   |
| I. Is Chain of Custody complete?       Yes       No       Not Present         2. How was the sample delivered?       Client         Log In   | , sun 1010175  |                                 |                         |                                    |             |                   |
| 1. Notified backed vertices   2. How was the sample delivered?   2. How was the sample delivered?   2. How was the sample delivered?   2. How was the sample to cool the samples?   3. Was an attempt made to cool the samples?   4. Were all samples received at a temperature of >0° C to 6.0°C   5. Sample(s) in proper container(s)?   Yes   No   3. Sufficient sample volume for indicated test(s)?   Yes   No   3. Sufficient sample volume for indicated test(s)?   Yes   No   3. Sufficient sample volume for indicated test(s)?   Yes   No   Are samples (except VOA and ONG) properly preserved?   Yes   No   B. Was preservative added to bottles?   Yes   No   More any sample containers received broken?   Yes   No   I. Does paperwork match bottle labels?   (Note discrepancies on chain of Custody?   2. Are matrices correctly identified on Chain of Custody?   Yes   No   2. Are matrices correctly identified on Chain of Custody?   Yes   No   Person Notified.   Desceil Handling (if applicable)   15. Was client notified of all discrepancies with this order?   Yes   No   Na   Ø   Person Notified.   Date:   By Whom:   Regarding:   Client Instructions:  | Custody  |                                 |                         |                                    |             |                   |
| Log In         3. Was an attempt made to cool the samples?       Yes       No       NA         4. Were all samples received at a temperature of >0° C to 6.0°C       Yes       No       NA         4. Were all samples received at a temperature of >0° C to 6.0°C       Yes       No       NA         5. Sample(s) in proper container(s)?       Yes       No       NA         6. Sufficient sample volume for indicated test(s)?       Yes       No       NA         7. Are samples (except VOA and ONG) properly preserved?       Yes       No       NA         8. Was preservative added to bottles?       Yes       No       NA         9. Received at least 1 vial with headspace <1/4" for AQ VOA?  | of Custody complete?   |                                 | Yes 🗹                   | No 🗌                               | Not Present |                   |
| 3. Was an attempt made to cool the samples?       Yes       ✓       No       NA         4. Were all samples received at a temperature of >0° C to 6.0°C       Yes       ✓       No       NA         5. Sample(s) in proper container(s)?       Yes       ✓       No       NA         5. Sufficient sample volume for indicated test(s)?       Yes       ✓       No       NA         7. Are samples (except VOA and ONG) properly preserved?       Yes       ✓       No       NA         8. Was preservative added to bottles?       Yes       ✓       No       NA         9. Received at least 1 vial with headspace <1/4" for AQ VOA?   | the sample delivered?  |                                 | <u>Client</u>           |                                    |             |                   |
| 4. Were all samples received at a temperature of >0° C to 6.0°C       Yes       No       NA         5. Sample(s) in proper container(s)?       Yes       No       NA         5. Sample(s) in proper container(s)?       Yes       No       NA         6. Sufficient sample volume for indicated test(s)?       Yes       No       NA         7. Are samples (except VOA and ONG) properly preserved?       Yes       No       NA         8. Was preservative added to bottles?       Yes       No       NA         9. Received at least 1 vial with headspace <1/4" for AQ VOA?  |  |                                 | _                       |                                    |             |                   |
| A verice an sample sectored at a temperature of relief of 000000   5. Sample(s) in proper container(s)?   Yes   Yes   No   3. Sufficient sample volume for indicated test(s)?   Yes   Yes   No   7. Are samples (except VOA and ONG) properly preserved?   Yes   No   8. Was preservative added to bottles?   Yes   No   9. Received at least 1 vial with headspace <1/4" for AQ VOA?  | ittempt made to cool the samples?  |                                 | Yes ⊻                   | No 🔲                               | NA          |                   |
| 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   9. Received at least 1 vial with headspace <1/4" for AQ VOA?   | samples received at a temperature of >   | •0° C to 6.0°C                  | Yes 🗹                   | No 🗌                               | NA 🗌        |                   |
| 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?  | ;) in proper container(s)?   |                                 | Yes 🗹                   | No 🗌                               |             |                   |
| 8. Was preservative added to bottles?       Yes       No       NA         9. Received at least 1 vial with headspace <1/4" for AQ VOA?   | sample volume for indicated test(s)?   |                                 | Yes 🗹                   | No 🗌                               |             |                   |
| 9. Received at least 1 vial with headspace <1/4" for AQ VOA?   | les (except VOA and ONG) properly pr   | eserved?                        | Yes 🗹                   | No 🗌                               |             |                   |
| (0) Were any sample containers received broken?       Yes       No       # of preserved bottles checked for pH:         (1) Does paperwork match bottle labels?       Yes       Yes       No       # of preserved bottles checked for pH:         (Note discrepancies on chain of custody)       Yes       No       Image: Control of the control of t | ervative added to bottles?   |                                 | Yes 🗌                   | No 🔽                               | NA 🗌        |                   |
| 1. Does paperwork match bottle labels? Yes No   1. Does paperwork match bottle labels? Yes No   2. Are matrices correctly identified on Chain of Custody? Yes No   2. Are matrices correctly identified on Chain of Custody? Yes No   3. Is it clear what analyses were requested? Yes No   4. Were all holding times able to be met? Yes No   (If no, notify customer for authorization.) Yes No  | at least 1 vial with headspace <1/4" for   | AQ VOA?                         | Yes 🗌                   | No 🗌                               | NA 🗹        |                   |
| 1. Does paperwork match bottle labels?       Yes       No       for pH:         (Note discrepancies on chain of custody)       Yes       No       Adjusted?         2. Are matrices correctly identified on Chain of Custody?       Yes       No       Adjusted?         3. Is it clear what analyses were requested?       Yes       No       Adjusted?         4. Were all holding times able to be met?       Yes       No       Checked by:       1////////////////////////////////////  | y sample containers received broken?   |                                 | Yes 🗌                   | No 🗹 🛛                             | •           |                   |
| (Note discrepancies on chain of custody)   2. Are matrices correctly identified on Chain of Custody?   Yes   3. Is it clear what analyses were requested?   Yes   Were all holding times able to be met?   (If no, notify customer for authorization.)       Special Handling (if applicable)   15. Was client notified of all discrepancies with this order?  Yes   No   Na   Person Notified:   Date:   By Whom:   Regarding:   Client Instructions:     16. Additional remarks:  17. Cooler Information   | nenwork match bottle labels?   |                                 | Yes 🗸                   | No 🗍                               |             |                   |
| 2. Are matrices correctly identified on chain of clustody? Yes     3. Is it clear what analyses were requested? Yes     4. Were all holding times able to be met?   (If no, notify customer for authorization.)     5. pecial Handling (if applicable)     15. Was client notified of all discrepancies with this order?   Yes   No     Person Notified:   By Whom:   Client Instructions:     16. Additional remarks:     17. Cooler Information  |  |                                 | .00 🖭                   |                                    | (<2 or      | >12 unless noted) |
| 4. Were all holding times able to be met?       Yes       No       Checked by: 10/6         4. Were all holding times able to be met?       Yes       No       Checked by: 10/6         (If no, notify customer for authorization.)       Special Handling (if applicable)       No       NA         15. Was client notified of all discrepancies with this order?       Yes       No       NA       ✓         Person Notified:       Date:       Date:        Na       ✓         By Whom:       Via:       eMail       Phone       Fax       In Person         16. Additional remarks:       17. Cooler Information   | ces correctly identified on Chain of Cus   | tody?                           | Yes 🗹                   | No 🗌                               | Adjusted?   |                   |
| A. Were all flobing times able to be filet?   (If no, notify customer for authorization.)   Special Handling (if applicable)   15. Was client notified of all discrepancies with this order? Yes No NA  Person Notified: By Whom: Client Instructions: 16. Additional remarks: 17. Cooler Information  | what analyses were requested?  |                                 |                         | _                                  |             | an al la          |
| Special Handling (if applicable)   15. Was client notified of all discrepancies with this order?   Yes   No   NA   Person Notified:   By Whom:   Regarding:   Client Instructions:     16. Additional remarks:     17. Cooler Information  |  |                                 | Yes 🗹                   | No 🗌                               | Checked by: | 72101612          |
| 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       ✓       ✓       ✓       ✓   |  |                                 |                         |                                    |             |                   |
| By Whom:       Via:       eMail       Phone       Fax       In Person         Regarding:       In Person       In Person       In Person       In Person         16. Additional remarks:       In Person       In Person       In Person         17. Cooler Information       In Person       In Person       In Person  |  | order?                          | Yes                     | No 🗌                               | NA 🔽        |                   |
| Regarding:       Client Instructions:       16. Additional remarks:       17. <u>Cooler Information</u>  | rson Notified:   | Date:                           | and the second second   | and other particular descention of |             | _                 |
| Client Instructions: 1 16. Additional remarks: 17. <u>Cooler Information</u>   | Whom:  | Via:                            | eMail                   | Phone 🗌 Fax                        | In Person   |                   |
| 16. Additional remarks:<br>17. <u>Cooler Information</u>   | garding:   |                                 | A PRICE REPORT REPORTED |                                    |             |                   |
| 17. <u>Cooler Information</u>  | ent Instructions:  |                                 | denter a creative a m   |                                    |             | _                 |
|  | ial remarks:   | indi:                           |                         |                                    |             |                   |
|  | Information  |                                 |                         |                                    |             |                   |
| Cooler No     Temp °C     Condition     Seal Intact     Seal No     Seal Date     Signed By       1     0.5     Good     Not Present     Yogi  | and the second sec |                                 | Seal Date               | Signed By                          |             |                   |

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| Mailing Address:   | ddress:        | JUD             | 0  | Froot                      | 5                     |                                    |            | 4901      | Hav      | 4901 Hawkins NE | I.       | Albuqu                    | erque  | Albuquerque, NM 87109 | 0            |         |
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| Date               | Time           | Matrix          | Sample Name  | Type and #                 | Type                  | 2310321                            | <u>J</u> a |           |          |                 | -        |                           |  | 01                    |              |         |
| 10/04/23           | 9:00           | Soil            | BH23-01 Oft  | 1, 4oz jar                 | lce                   | 00                                 | ×          | ×         | _        |                 |          | ×                         |  |                       |              |         |
| 10/04/23           | 9:05           | Soil            | BH23-01 2ft  | 1, 4oz jar                 | ice                   | 002                                | ×          | ×         | -        |                 |          | ×                         |  |                       |              |         |
| 10/04/23           | 9:10           | Soil            | BH23-02 Oft  | 1, 4oz jar                 | lce                   | 003                                | ×          | ×         | _        |                 |          | ×                         |  |                       |              |         |
| 10/04/23           | 9:15           | Soil            | BH23-02 2ft  | 1, 4oz jar                 | lce                   | R<br>S                             | ×          | ×         |          |                 |          | ×                         |  |                       |              |         |
| 10/04/23           | 9:20           | Soil            | BH23-03 0ft  | 1, 4oz jar                 | lce                   | 805                                | ×          | ×         | -        |                 |          | ×                         |  |                       |              |         |
| 10/04/23           | 9:25           | Soil            | BH23-03 2ft  | 1, 4oz jar                 | lce                   | 200                                | ×          | ×         |          |                 |          | ×                         |  |                       |              |         |
| 10/04/23           | 9:30           | Soil            | BH23-04 Oft  | 1, 4oz jar                 | lce                   | 007                                | ×          | ×         | +        |                 |          | ×                         |  |                       |              |         |
| 10/04/23           | 9:35           | Soil            | BH23-04 2ft  | 1, 4oz jar                 | lce                   | cus                                | ×          | ×         | -+       |                 |          | ×                         |  |                       |              |         |
| 10/04/23           | 9:40           | Soil            | BH23-05 Oft  | 1, 4oz jar                 | lce                   | 009                                | ×          | ×         | +        |                 |          | ×                         |  |                       |              |         |
| 10/04/23           | . 9:45         | Soil            | BH23-05 2ft  | 1, 4oz jar                 | e<br>Ce               | 010                                | ×          | ×         | -        |                 |          | ×                         |  | _                     |              |         |
| 10/04/23           | 9:50           | Soil            | BH23-06 0ft  | 1, 4oz jar                 | lce                   | 011                                | ×          | ×         |          |                 | 1        | ×                         |  | _                     |              | +       |
| 10/04/23           | 9:55           | Soil            | BH23-06 2ft  | 1, 4oz jar                 | lce                   |                                    | ×          | ×         | _        |                 |          | ×                         |  |                       |              |         |
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October 26, 2023

Will Kierdorf EOG 105 South Fourth Street Artesia, NM 88210 TEL: FAX:

RE: Dayton to Dagger Layflat

OrderNo.: 2310382

Hall Environmental Analysis Laboratory

TEL: 505-345-3975 FAX: 505-345-4107

Website: www.hallenvironmental.com

4901 Hawkins NE

Albuquerque, NM 87109

Dear Will Kierdorf:

Hall Environmental Analysis Laboratory received 16 sample(s) on 10/7/2023 for the analyses presented in the following report.

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

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

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

Sincerely,

andy

Andy Freeman Laboratory Manager 4901 Hawkins NE Albuquerque, NM 87109

Project:

**Analytical Report** 

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order 2310382

Date Reported: 10/26/2023

Client Sample ID: TP23-01 Oft Collection Date: 10/5/2023 10:00:00 AM **Deceived Deter** 10/7/2022 7:20:00 AM

| Lab ID: 2310382-001             | Matrix: SOIL |          | <b>Received Dat</b> | <b>e:</b> 10/ | 7/2023 7:30:00 AM       |       |
|---------------------------------|--------------|----------|---------------------|---------------|-------------------------|-------|
| Analyses                        | Result       | RL       | Qual Units          | DF            | Date Analyzed           | Batch |
| EPA METHOD 300.0: ANIONS        |              |          |                     |               | Analyst                 | SNS   |
| Chloride                        | 13000        | 600      | mg/Kg               | 200           | ) 10/16/2023 1:28:37 PM | 78149 |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS  |          |                     |               | Analyst                 | DGH   |
| Diesel Range Organics (DRO)     | ND           | 9.2      | mg/Kg               | 1             | 10/11/2023 8:27:10 PM   | 78094 |
| Motor Oil Range Organics (MRO)  | ND           | 46       | mg/Kg               | 1             | 10/11/2023 8:27:10 PM   | 78094 |
| Surr: DNOP                      | 97.0         | 69-147   | %Rec                | 1             | 10/11/2023 8:27:10 PM   | 78094 |
| EPA METHOD 8015D: GASOLINE RAN  | GE           |          |                     |               | Analyst                 | : JJP |
| Gasoline Range Organics (GRO)   | ND           | 4.7      | mg/Kg               | 1             | 10/12/2023 3:29:12 PM   | 78084 |
| Surr: BFB                       | 94.5         | 15-244   | %Rec                | 1             | 10/12/2023 3:29:12 PM   | 78084 |
| EPA METHOD 8021B: VOLATILES     |              |          |                     |               | Analyst                 | : JJP |
| Benzene                         | ND           | 0.024    | mg/Kg               | 1             | 10/12/2023 3:29:12 PM   | 78084 |
| Toluene                         | ND           | 0.047    | mg/Kg               | 1             | 10/12/2023 3:29:12 PM   | 78084 |
| Ethylbenzene                    | ND           | 0.047    | mg/Kg               | 1             | 10/12/2023 3:29:12 PM   | 78084 |
| Xylenes, Total                  | ND           | 0.095    | mg/Kg               | 1             | 10/12/2023 3:29:12 PM   | 78084 |
| Surr: 4-Bromofluorobenzene      | 101          | 39.1-146 | %Rec                | 1             | 10/12/2023 3:29:12 PM   | 78084 |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

Page 1 of 20

**Project:** Dayton to Dagger Layflat

**CLIENT: EOG** 

**Analytical Report** 

### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310382

Date Reported: 10/26/2023

Client Sample ID: TP23-01 4ft Collection Date: 10/5/2023 10:05:00 AM wed Data, 10/7/2022 7.20.00 AM ъ

| Lab ID: 2310382-002             | Matrix: SOIL |          | Recei | ved Dat | <b>e:</b> 10 | /7/2023 7:30:00 AM    |       |
|---------------------------------|--------------|----------|-------|---------|--------------|-----------------------|-------|
| Analyses                        | Result       | RL       | Qual  | Units   | DF           | Date Analyzed         | Batch |
| EPA METHOD 300.0: ANIONS        |              |          |       |         |              | Analyst               | : JTT |
| Chloride                        | 1100         | 60       |       | mg/Kg   | 20           | 10/13/2023 4:45:55 PM | 78149 |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS   |          |       |         |              | Analyst               | DGH   |
| Diesel Range Organics (DRO)     | ND           | 9.8      |       | mg/Kg   | 1            | 10/11/2023 8:38:09 PM | 78094 |
| Motor Oil Range Organics (MRO)  | ND           | 49       |       | mg/Kg   | 1            | 10/11/2023 8:38:09 PM | 78094 |
| Surr: DNOP                      | 178          | 69-147   | S     | %Rec    | 1            | 10/11/2023 8:38:09 PM | 78094 |
| EPA METHOD 8015D: GASOLINE RAN  | GE           |          |       |         |              | Analyst               | : JJP |
| Gasoline Range Organics (GRO)   | ND           | 4.9      |       | mg/Kg   | 1            | 10/12/2023 3:52:36 PM | 78084 |
| Surr: BFB                       | 103          | 15-244   |       | %Rec    | 1            | 10/12/2023 3:52:36 PM | 78084 |
| EPA METHOD 8021B: VOLATILES     |              |          |       |         |              | Analyst               | : JJP |
| Benzene                         | ND           | 0.025    |       | mg/Kg   | 1            | 10/12/2023 3:52:36 PM | 78084 |
| Toluene                         | ND           | 0.049    |       | mg/Kg   | 1            | 10/12/2023 3:52:36 PM | 78084 |
| Ethylbenzene                    | ND           | 0.049    |       | mg/Kg   | 1            | 10/12/2023 3:52:36 PM | 78084 |
| Xylenes, Total                  | ND           | 0.099    |       | mg/Kg   | 1            | 10/12/2023 3:52:36 PM | 78084 |
| Surr: 4-Bromofluorobenzene      | 102          | 39.1-146 |       | %Rec    | 1            | 10/12/2023 3:52:36 PM | 78084 |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

Page 2 of 20

Project:

**Analytical Report** 

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order 2310382

Date Reported: 10/26/2023

Client Sample ID: TP23-02 Oft Collection Date: 10/5/2023 10:10:00 AM Received Date: 10/7/2023 7:30:00 AM

| Lab ID: 2310382-003            | 2310382-003 Matrix: SOIL |          | <b>Received Date:</b> 10/7/2023 7:30:00 AM |     |                         |       |  |  |  |
|--------------------------------|--------------------------|----------|--|-----|-------------------------|-------|--|--|--|
| Analyses                       | Result                   | RL       | Qual Units                                 | DF  | Date Analyzed           | Batch |  |  |  |
| EPA METHOD 300.0: ANIONS       |                          |          |  |     | Analyst                 | SNS   |  |  |  |
| Chloride                       | 15000                    | 600      | mg/Kg                                      | 200 | ) 10/16/2023 1:41:01 PM | 78149 |  |  |  |
| EPA METHOD 8015M/D: DIESEL RA  | NGE ORGANICS             |          |  |     | Analyst                 | DGH   |  |  |  |
| Diesel Range Organics (DRO)    | ND                       | 9.7      | mg/Kg                                      | 1   | 10/11/2023 8:49:09 PM   | 78094 |  |  |  |
| Motor Oil Range Organics (MRO) | ND                       | 48       | mg/Kg                                      | 1   | 10/11/2023 8:49:09 PM   | 78094 |  |  |  |
| Surr: DNOP                     | 97.4                     | 69-147   | %Rec                                       | 1   | 10/11/2023 8:49:09 PM   | 78094 |  |  |  |
| EPA METHOD 8015D: GASOLINE RA  | ANGE                     |          |  |     | Analyst                 | : JJP |  |  |  |
| Gasoline Range Organics (GRO)  | ND                       | 4.9      | mg/Kg                                      | 1   | 10/12/2023 4:15:59 PM   | 78084 |  |  |  |
| Surr: BFB                      | 97.8                     | 15-244   | %Rec                                       | 1   | 10/12/2023 4:15:59 PM   | 78084 |  |  |  |
| EPA METHOD 8021B: VOLATILES    |                          |          |  |     | Analyst                 | : JJP |  |  |  |
| Benzene                        | ND                       | 0.024    | mg/Kg                                      | 1   | 10/12/2023 4:15:59 PM   | 78084 |  |  |  |
| Toluene                        | ND                       | 0.049    | mg/Kg                                      | 1   | 10/12/2023 4:15:59 PM   | 78084 |  |  |  |
| Ethylbenzene                   | ND                       | 0.049    | mg/Kg                                      | 1   | 10/12/2023 4:15:59 PM   | 78084 |  |  |  |
| Xylenes, Total                 | ND                       | 0.097    | mg/Kg                                      | 1   | 10/12/2023 4:15:59 PM   | 78084 |  |  |  |
| Surr: 4-Bromofluorobenzene     | 106                      | 39.1-146 | %Rec                                       | 1   | 10/12/2023 4:15:59 PM   | 78084 |  |  |  |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit

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**Project:** Dayton to Dagger Layflat

**CLIENT: EOG** 

**Analytical Report** 

### Hall Environmental Analysis Laboratory, Inc.

Lab Order 2310382

Date Reported: 10/26/2023

Client Sample ID: TP23-02 4ft Collection Date: 10/5/2023 10:15:00 AM · 1D 

| Lab ID: 2310382-004             | Matrix: SOIL | ]        | Received Dat | <b>e:</b> 10 | /7/2023 7:30:00 AM    |       |
|---------------------------------|--------------|----------|--------------|--------------|-----------------------|-------|
| Analyses                        | Result       | RL       | Qual Units   | DF           | Date Analyzed         | Batch |
| EPA METHOD 300.0: ANIONS        |              |          |              |              | Analys                | SNS   |
| Chloride                        | 3400         | 150      | mg/Kg        | 50           | 10/16/2023 2:30:39 PM | 78149 |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS   |          |              |              | Analys                | DGH   |
| Diesel Range Organics (DRO)     | ND           | 9.3      | mg/Kg        | 1            | 10/11/2023 9:00:06 PM | 78094 |
| Motor Oil Range Organics (MRO)  | ND           | 47       | mg/Kg        | 1            | 10/11/2023 9:00:06 PM | 78094 |
| Surr: DNOP                      | 101          | 69-147   | %Rec         | 1            | 10/11/2023 9:00:06 PM | 78094 |
| EPA METHOD 8015D: GASOLINE RANG | GE           |          |              |              | Analys                | : JJP |
| Gasoline Range Organics (GRO)   | ND           | 4.6      | mg/Kg        | 1            | 10/12/2023 4:39:40 PM | 78084 |
| Surr: BFB                       | 94.2         | 15-244   | %Rec         | 1            | 10/12/2023 4:39:40 PM | 78084 |
| EPA METHOD 8021B: VOLATILES     |              |          |              |              | Analys                | : JJP |
| Benzene                         | ND           | 0.023    | mg/Kg        | 1            | 10/12/2023 4:39:40 PM | 78084 |
| Toluene                         | ND           | 0.046    | mg/Kg        | 1            | 10/12/2023 4:39:40 PM | 78084 |
| Ethylbenzene                    | ND           | 0.046    | mg/Kg        | 1            | 10/12/2023 4:39:40 PM | 78084 |
| Xylenes, Total                  | ND           | 0.093    | mg/Kg        | 1            | 10/12/2023 4:39:40 PM | 78084 |
| Surr: 4-Bromofluorobenzene      | 101          | 39.1-146 | %Rec         | 1            | 10/12/2023 4:39:40 PM | 78084 |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- в Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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Project:

Analytical Report

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order 2310382

Date Reported: 10/26/2023

Client Sample ID: TP23-03 Oft Collection Date: 10/5/2023 10:20:00 AM Received Date: 10/7/2023 7:30:00 AM

| Lab ID: 2310382-005             | Matrix: SOIL |          | <b>Received Dat</b> | <b>e:</b> 10/ | 7/2023 7:30:00 AM       |       |
|---------------------------------|--------------|----------|---------------------|---------------|-------------------------|-------|
| Analyses                        | Result       | RL       | Qual Units          | DF            | Date Analyzed           | Batch |
| EPA METHOD 300.0: ANIONS        |              |          |                     |               | Analyst                 | SNS   |
| Chloride                        | 16000        | 600      | mg/Kg               | 200           | 0 10/16/2023 1:53:26 PM | 78149 |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS   |          |                     |               | Analyst                 | DGH   |
| Diesel Range Organics (DRO)     | ND           | 9.8      | mg/Kg               | 1             | 10/11/2023 9:11:04 PM   | 78094 |
| Motor Oil Range Organics (MRO)  | ND           | 49       | mg/Kg               | 1             | 10/11/2023 9:11:04 PM   | 78094 |
| Surr: DNOP                      | 101          | 69-147   | %Rec                | 1             | 10/11/2023 9:11:04 PM   | 78094 |
| EPA METHOD 8015D: GASOLINE RAN  | GE           |          |                     |               | Analyst                 | : JJP |
| Gasoline Range Organics (GRO)   | ND           | 5.0      | mg/Kg               | 1             | 10/12/2023 5:03:16 PM   | 78084 |
| Surr: BFB                       | 93.2         | 15-244   | %Rec                | 1             | 10/12/2023 5:03:16 PM   | 78084 |
| EPA METHOD 8021B: VOLATILES     |              |          |                     |               | Analyst                 | : JJP |
| Benzene                         | ND           | 0.025    | mg/Kg               | 1             | 10/12/2023 5:03:16 PM   | 78084 |
| Toluene                         | ND           | 0.050    | mg/Kg               | 1             | 10/12/2023 5:03:16 PM   | 78084 |
| Ethylbenzene                    | ND           | 0.050    | mg/Kg               | 1             | 10/12/2023 5:03:16 PM   | 78084 |
| Xylenes, Total                  | ND           | 0.099    | mg/Kg               | 1             | 10/12/2023 5:03:16 PM   | 78084 |
| Surr: 4-Bromofluorobenzene      | 100          | 39.1-146 | %Rec                | 1             | 10/12/2023 5:03:16 PM   | 78084 |

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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- RL Reporting Limit

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Project:

**Analytical Report** 

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order 2310382

Date Reported: 10/26/2023

Client Sample ID: TP23-03 4ft Collection Date: 10/5/2023 10:25:00 AM **Received Date:** 10/7/2023 7:30:00 AM

| Lab ID: 2310382-006             | Matrix: SOIL |          | <b>Received Dat</b> | <b>e:</b> 10 | /7/2023 7:30:00 AM    |        |
|---------------------------------|--------------|----------|---------------------|--------------|-----------------------|--------|
| Analyses                        | Result       | RL       | Qual Units          | DF           | Date Analyzed         | Batch  |
| EPA METHOD 300.0: ANIONS        |              |          |                     |              | Analys                | t: SNS |
| Chloride                        | 2200         | 150      | mg/Kg               | 50           | 10/16/2023 2:43:04 PM | 78149  |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS  |          |                     |              | Analys                | t: DGH |
| Diesel Range Organics (DRO)     | ND           | 9.6      | mg/Kg               | 1            | 10/11/2023 9:22:00 PM | 78094  |
| Motor Oil Range Organics (MRO)  | ND           | 48       | mg/Kg               | 1            | 10/11/2023 9:22:00 PM | 78094  |
| Surr: DNOP                      | 101          | 69-147   | %Rec                | 1            | 10/11/2023 9:22:00 PM | 78094  |
| EPA METHOD 8015D: GASOLINE RAN  | IGE          |          |                     |              | Analys                | t: JJP |
| Gasoline Range Organics (GRO)   | ND           | 4.8      | mg/Kg               | 1            | 10/12/2023 5:26:40 PM | 78084  |
| Surr: BFB                       | 93.8         | 15-244   | %Rec                | 1            | 10/12/2023 5:26:40 PM | 78084  |
| EPA METHOD 8021B: VOLATILES     |              |          |                     |              | Analys                | t: JJP |
| Benzene                         | ND           | 0.024    | mg/Kg               | 1            | 10/12/2023 5:26:40 PM | 78084  |
| Toluene                         | ND           | 0.048    | mg/Kg               | 1            | 10/12/2023 5:26:40 PM | 78084  |
| Ethylbenzene                    | ND           | 0.048    | mg/Kg               | 1            | 10/12/2023 5:26:40 PM | 78084  |
| Xylenes, Total                  | ND           | 0.097    | mg/Kg               | 1            | 10/12/2023 5:26:40 PM | 78084  |
| Surr: 4-Bromofluorobenzene      | 99.8         | 39.1-146 | %Rec                | 1            | 10/12/2023 5:26:40 PM | 78084  |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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Project:

**Analytical Report** 

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order 2310382 Date Reported: 10/26/2023

Client Sample ID: TP23-03 6ft Collection Date: 10/5/2023 10:30:00 AM Received Date: 10/7/2023 7:30:00 AM

| Lab ID: 2310382-007             | Matrix: SOIL |          | <b>Received Dat</b> | <b>e:</b> 10 | /7/2023 7:30:00 AM    |       |
|---------------------------------|--------------|----------|---------------------|--------------|-----------------------|-------|
| Analyses                        | Result       | RL       | Qual Units          | DF           | Date Analyzed         | Batch |
| EPA METHOD 300.0: ANIONS        |              |          |                     |              | Analyst               | JTT   |
| Chloride                        | 410          | 60       | mg/Kg               | 20           | 10/13/2023 6:12:21 PM | 78149 |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS  |          |                     |              | Analyst               | DGH   |
| Diesel Range Organics (DRO)     | ND           | 9.7      | mg/Kg               | 1            | 10/11/2023 9:32:56 PM | 78094 |
| Motor Oil Range Organics (MRO)  | ND           | 48       | mg/Kg               | 1            | 10/11/2023 9:32:56 PM | 78094 |
| Surr: DNOP                      | 98.3         | 69-147   | %Rec                | 1            | 10/11/2023 9:32:56 PM | 78094 |
| EPA METHOD 8015D: GASOLINE RAN  | GE           |          |                     |              | Analyst               | : JJP |
| Gasoline Range Organics (GRO)   | ND           | 5.0      | mg/Kg               | 1            | 10/12/2023 5:50:06 PM | 78084 |
| Surr: BFB                       | 91.5         | 15-244   | %Rec                | 1            | 10/12/2023 5:50:06 PM | 78084 |
| EPA METHOD 8021B: VOLATILES     |              |          |                     |              | Analyst               | : JJP |
| Benzene                         | ND           | 0.025    | mg/Kg               | 1            | 10/12/2023 5:50:06 PM | 78084 |
| Toluene                         | ND           | 0.050    | mg/Kg               | 1            | 10/12/2023 5:50:06 PM | 78084 |
| Ethylbenzene                    | ND           | 0.050    | mg/Kg               | 1            | 10/12/2023 5:50:06 PM | 78084 |
| Xylenes, Total                  | ND           | 0.10     | mg/Kg               | 1            | 10/12/2023 5:50:06 PM | 78084 |
| Surr: 4-Bromofluorobenzene      | 99.4         | 39.1-146 | %Rec                | 1            | 10/12/2023 5:50:06 PM | 78084 |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Sample pH Not In Range
- Р RL Reporting Limit

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Project:

Analytical Report

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order 2310382

Date Reported: 10/26/2023

Client Sample ID: TP23-03 8ft Collection Date: 10/5/2023 10:35:00 AM Received Date: 10/7/2023 7:30:00 AM

| Lab ID: 2310382-008            | Matrix: SOIL |          | Received Dat | <b>e:</b> 10 | /7/2023 7:30:00 AM    |       |
|--------------------------------|--------------|----------|--------------|--------------|-----------------------|-------|
| Analyses                       | Result       | RL       | Qual Units   | DF           | Date Analyzed         | Batch |
| EPA METHOD 300.0: ANIONS       |              |          |              |              | Analys                | : JTT |
| Chloride                       | 150          | 60       | mg/Kg        | 20           | 10/13/2023 6:49:23 PM | 78149 |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS  |          |              |              | Analys                | : DGH |
| Diesel Range Organics (DRO)    | ND           | 9.7      | mg/Kg        | 1            | 10/11/2023 9:43:52 PM | 78094 |
| Motor Oil Range Organics (MRO) | ND           | 49       | mg/Kg        | 1            | 10/11/2023 9:43:52 PM | 78094 |
| Surr: DNOP                     | 98.4         | 69-147   | %Rec         | 1            | 10/11/2023 9:43:52 PM | 78094 |
| EPA METHOD 8015D: GASOLINE RA  | NGE          |          |              |              | Analys                | : JJP |
| Gasoline Range Organics (GRO)  | ND           | 4.9      | mg/Kg        | 1            | 10/12/2023 6:13:43 PM | 78084 |
| Surr: BFB                      | 94.0         | 15-244   | %Rec         | 1            | 10/12/2023 6:13:43 PM | 78084 |
| EPA METHOD 8021B: VOLATILES    |              |          |              |              | Analys                | : JJP |
| Benzene                        | ND           | 0.024    | mg/Kg        | 1            | 10/12/2023 6:13:43 PM | 78084 |
| Toluene                        | ND           | 0.049    | mg/Kg        | 1            | 10/12/2023 6:13:43 PM | 78084 |
| Ethylbenzene                   | ND           | 0.049    | mg/Kg        | 1            | 10/12/2023 6:13:43 PM | 78084 |
| Xylenes, Total                 | ND           | 0.097    | mg/Kg        | 1            | 10/12/2023 6:13:43 PM | 78084 |
| Surr: 4-Bromofluorobenzene     | 100          | 39.1-146 | %Rec         | 1            | 10/12/2023 6:13:43 PM | 78084 |

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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- P Sample pH Not In RL Reporting Limit
- RL R

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Project:

**Analytical Report** 

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order 2310382

Date Reported: 10/26/2023

Client Sample ID: TP23-04 Oft Collection Date: 10/5/2023 10:40:00 AM **Deceived Deter** 10/7/2022 7:20:00 AM

| Lab ID: 2310382-009             | Matrix: SOIL       | 1        | Received Dat | <b>e:</b> 10/ | 7/2023 7:30:00 AM     |       |
|---------------------------------|--------------------|----------|--------------|---------------|-----------------------|-------|
| Analyses                        | Result             | RL       | Qual Units   | DF            | Date Analyzed         | Batch |
| EPA METHOD 300.0: ANIONS        |                    |          |              |               | Analyst               | SNS   |
| Chloride                        | 18000              | 610      | mg/Kg        | 200           | 10/16/2023 2:05:50 PM | 78144 |
| EPA METHOD 8015M/D: DIESEL RANG | <b>BE ORGANICS</b> |          |              |               | Analyst               | DGH   |
| Diesel Range Organics (DRO)     | ND                 | 9.9      | mg/Kg        | 1             | 10/11/2023 9:54:49 PM | 78094 |
| Motor Oil Range Organics (MRO)  | ND                 | 50       | mg/Kg        | 1             | 10/11/2023 9:54:49 PM | 78094 |
| Surr: DNOP                      | 99.1               | 69-147   | %Rec         | 1             | 10/11/2023 9:54:49 PM | 78094 |
| EPA METHOD 8015D: GASOLINE RAN  | GE                 |          |              |               | Analyst               | : JJP |
| Gasoline Range Organics (GRO)   | ND                 | 5.0      | mg/Kg        | 1             | 10/12/2023 6:37:21 PM | 78084 |
| Surr: BFB                       | 93.6               | 15-244   | %Rec         | 1             | 10/12/2023 6:37:21 PM | 78084 |
| EPA METHOD 8021B: VOLATILES     |                    |          |              |               | Analyst               | : JJP |
| Benzene                         | ND                 | 0.025    | mg/Kg        | 1             | 10/12/2023 6:37:21 PM | 78084 |
| Toluene                         | ND                 | 0.050    | mg/Kg        | 1             | 10/12/2023 6:37:21 PM | 78084 |
| Ethylbenzene                    | ND                 | 0.050    | mg/Kg        | 1             | 10/12/2023 6:37:21 PM | 78084 |
| Xylenes, Total                  | ND                 | 0.099    | mg/Kg        | 1             | 10/12/2023 6:37:21 PM | 78084 |
| Surr: 4-Bromofluorobenzene      | 101                | 39.1-146 | %Rec         | 1             | 10/12/2023 6:37:21 PM | 78084 |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank в
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits Р Sample pH Not In Range
- RL Reporting Limit

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**Project:** 

**Analytical Report** Lab Order 2310382

Dayton to Dagger Layflat

Date Reported: 10/26/2023

Client Sample ID: TP23-04 4ft Collection Date: 10/5/2023 10:45:00 AM Received Date: 10/7/2023 7:30:00 AM

| Lab ID: 2310382-010             | Matrix: SOIL |          | <b>Received Dat</b> | <b>e:</b> 10 | /7/2023 7:30:00 AM     |         |
|---------------------------------|--------------|----------|---------------------|--------------|------------------------|---------|
| Analyses                        | Result       | RL       | Qual Units          | DF           | Date Analyzed          | Batch   |
| EPA METHOD 300.0: ANIONS        |              |          |                     |              | Analys                 | t: JTT  |
| Chloride                        | 1300         | 60       | mg/Kg               | 20           | 10/13/2023 7:38:45 PM  | 78144   |
| EPA METHOD 8015M/D: DIESEL RANG | E ORGANICS   |          |                     |              | Analys                 | t: DGH  |
| Diesel Range Organics (DRO)     | ND           | 9.5      | mg/Kg               | 1            | 10/11/2023 10:05:44 PM | N 78094 |
| Motor Oil Range Organics (MRO)  | ND           | 48       | mg/Kg               | 1            | 10/11/2023 10:05:44 PM | M 78094 |
| Surr: DNOP                      | 98.3         | 69-147   | %Rec                | 1            | 10/11/2023 10:05:44 PM | M 78094 |
| EPA METHOD 8015D: GASOLINE RANG | Ε            |          |                     |              | Analys                 | t: JJP  |
| Gasoline Range Organics (GRO)   | ND           | 4.6      | mg/Kg               | 1            | 10/12/2023 7:01:00 PM  | 78084   |
| Surr: BFB                       | 94.4         | 15-244   | %Rec                | 1            | 10/12/2023 7:01:00 PM  | 78084   |
| EPA METHOD 8021B: VOLATILES     |              |          |                     |              | Analys                 | t: JJP  |
| Benzene                         | ND           | 0.023    | mg/Kg               | 1            | 10/12/2023 7:01:00 PM  | 78084   |
| Toluene                         | ND           | 0.046    | mg/Kg               | 1            | 10/12/2023 7:01:00 PM  | 78084   |
| Ethylbenzene                    | ND           | 0.046    | mg/Kg               | 1            | 10/12/2023 7:01:00 PM  | 78084   |
| Xylenes, Total                  | ND           | 0.092    | mg/Kg               | 1            | 10/12/2023 7:01:00 PM  | 78084   |
| Surr: 4-Bromofluorobenzene      | 101          | 39.1-146 | %Rec                | 1            | 10/12/2023 7:01:00 PM  | 78084   |

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
- Н Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit
- PQL Practical Quanitative Limit
- % Recovery outside of standard limits. If undiluted results may be estimated. S
- Analyte detected in the associated Method Blank В
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range Reporting Limit
- RL

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Project:

Analytical Report

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order 2310382

Date Reported: 10/26/2023

Client Sample ID: TP23-05 0ft Collection Date: 10/5/2023 10:50:00 AM Received Date: 10/7/2023 7:30:00 AM

| Lab ID: 2310382-011             | Matrix: SOIL |          | Received Dat | <b>e:</b> 10/ | /7/2023 7:30:00 AM      |         |
|---------------------------------|--------------|----------|--------------|---------------|-------------------------|---------|
| Analyses                        | Result       | RL       | Qual Units   | DF            | Date Analyzed           | Batch   |
| EPA METHOD 300.0: ANIONS        |              |          |              |               | Analyst                 | SNS     |
| Chloride                        | 22000        | 1500     | mg/Kg        | 500           | 0 10/16/2023 3:20:18 PM | 78144   |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS  |          |              |               | Analyst                 | DGH     |
| Diesel Range Organics (DRO)     | ND           | 9.7      | mg/Kg        | 1             | 10/11/2023 10:27:29 PM  | 1 78094 |
| Motor Oil Range Organics (MRO)  | ND           | 49       | mg/Kg        | 1             | 10/11/2023 10:27:29 PM  | 1 78094 |
| Surr: DNOP                      | 98.4         | 69-147   | %Rec         | 1             | 10/11/2023 10:27:29 PN  | 1 78094 |
| EPA METHOD 8015D: GASOLINE RAN  | IGE          |          |              |               | Analyst                 | : CCM   |
| Gasoline Range Organics (GRO)   | ND           | 4.9      | mg/Kg        | 1             | 10/12/2023 10:47:00 PM  | 1 78086 |
| Surr: BFB                       | 94.8         | 15-244   | %Rec         | 1             | 10/12/2023 10:47:00 PN  | 1 78086 |
| EPA METHOD 8021B: VOLATILES     |              |          |              |               | Analyst                 | CCM     |
| Benzene                         | ND           | 0.025    | mg/Kg        | 1             | 10/12/2023 10:47:00 PM  | 1 78086 |
| Toluene                         | ND           | 0.049    | mg/Kg        | 1             | 10/12/2023 10:47:00 PM  | 1 78086 |
| Ethylbenzene                    | ND           | 0.049    | mg/Kg        | 1             | 10/12/2023 10:47:00 PN  | 1 78086 |
| Xylenes, Total                  | ND           | 0.099    | mg/Kg        | 1             | 10/12/2023 10:47:00 PN  | 1 78086 |
| Surr: 4-Bromofluorobenzene      | 86.7         | 39.1-146 | %Rec         | 1             | 10/12/2023 10:47:00 PM  | 1 78086 |

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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- RL Reporting Limit

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**Project:** 

Lab ID:

Analytical Report

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

2310382-012

Lab Order 2310382

Date Reported: 10/26/2023

| Client Sample ID: TP23-05 4ft          |  |
|--|--|
| Collection Date: 10/5/2023 10:55:00 AM |  |
| Received Date: 10/7/2023 7:30:00 AM    |  |

| Analyses                         | Result   | RL       | Qual Units | DF | Date Analyzed          | Batch   |
|----------------------------------|----------|----------|------------|----|------------------------|---------|
| EPA METHOD 300.0: ANIONS         |          |          |            |    | Analys                 | : SNS   |
| Chloride                         | 4100     | 150      | mg/Kg      | 50 | 10/16/2023 2:55:29 PM  | 78144   |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS |          |            |    | Analys                 | : DGH   |
| Diesel Range Organics (DRO)      | ND       | 9.2      | mg/Kg      | 1  | 10/11/2023 10:38:23 PM | / 78094 |
| Motor Oil Range Organics (MRO)   | ND       | 46       | mg/Kg      | 1  | 10/11/2023 10:38:23 PM | / 78094 |
| Surr: DNOP                       | 95.0     | 69-147   | %Rec       | 1  | 10/11/2023 10:38:23 PM | Л 78094 |
| EPA METHOD 8015D: GASOLINE RANGE |          |          |            |    | Analys                 | CCM     |
| Gasoline Range Organics (GRO)    | ND       | 4.8      | mg/Kg      | 1  | 10/12/2023 11:52:00 PM | / 78086 |
| Surr: BFB                        | 96.2     | 15-244   | %Rec       | 1  | 10/12/2023 11:52:00 PM | / 78086 |
| EPA METHOD 8021B: VOLATILES      |          |          |            |    | Analys                 | CCM     |
| Benzene                          | ND       | 0.024    | mg/Kg      | 1  | 10/12/2023 11:52:00 PM | / 78086 |
| Toluene                          | ND       | 0.048    | mg/Kg      | 1  | 10/12/2023 11:52:00 PM | / 78086 |
| Ethylbenzene                     | ND       | 0.048    | mg/Kg      | 1  | 10/12/2023 11:52:00 PM | / 78086 |
| Xylenes, Total                   | ND       | 0.097    | mg/Kg      | 1  | 10/12/2023 11:52:00 PM | / 78086 |
| Surr: 4-Bromofluorobenzene       | 86.7     | 39.1-146 | %Rec       | 1  | 10/12/2023 11:52:00 PM | / 78086 |

Matrix: SOIL

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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method BlankE Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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**Project:** Dayton to Dagger Layflat

**CLIENT: EOG** 

Analytical Report

### Hall Environmental Analysis Laboratory, Inc.

Lab Order **2310382** Date Reported: **10/26/2023** 

Client Sample ID: TP23-06 0ft Collection Date: 10/5/2023 11:00:00 AM

| Lab ID: 2310382-013              | Matrix: SOIL |          | Received Dat | <b>e:</b> 10/ | 7/2023 7:30:00 AM       |         |
|----------------------------------|--------------|----------|--------------|---------------|-------------------------|---------|
| Analyses                         | Result       | RL       | Qual Units   | DF            | Date Analyzed           | Batch   |
| EPA METHOD 300.0: ANIONS         |              |          |              |               | Analyst                 | SNS     |
| Chloride                         | 15000        | 600      | mg/Kg        | 200           | ) 10/16/2023 2:18:15 PM | 78144   |
| EPA METHOD 8015M/D: DIESEL RANGE | ORGANICS     |          |              |               | Analyst                 | DGH     |
| Diesel Range Organics (DRO)      | ND           | 9.9      | mg/Kg        | 1             | 10/12/2023 2:24:03 PM   | 78099   |
| Motor Oil Range Organics (MRO)   | ND           | 50       | mg/Kg        | 1             | 10/12/2023 2:24:03 PM   | 78099   |
| Surr: DNOP                       | 90.6         | 69-147   | %Rec         | 1             | 10/12/2023 2:24:03 PM   | 78099   |
| EPA METHOD 8015D: GASOLINE RANG  | E            |          |              |               | Analyst                 | CCM     |
| Gasoline Range Organics (GRO)    | ND           | 4.9      | mg/Kg        | 1             | 10/13/2023 12:58:00 AM  | 1 78086 |
| Surr: BFB                        | 97.9         | 15-244   | %Rec         | 1             | 10/13/2023 12:58:00 AM  | 1 78086 |
| EPA METHOD 8021B: VOLATILES      |              |          |              |               | Analyst                 | : CCM   |
| Benzene                          | ND           | 0.025    | mg/Kg        | 1             | 10/13/2023 12:58:00 AM  | 1 78086 |
| Toluene                          | ND           | 0.049    | mg/Kg        | 1             | 10/13/2023 12:58:00 AM  | 1 78086 |
| Ethylbenzene                     | ND           | 0.049    | mg/Kg        | 1             | 10/13/2023 12:58:00 AM  | 1 78086 |
| Xylenes, Total                   | ND           | 0.099    | mg/Kg        | 1             | 10/13/2023 12:58:00 AM  | 1 78086 |
| Surr: 4-Bromofluorobenzene       | 85.5         | 39.1-146 | %Rec         | 1             | 10/13/2023 12:58:00 AM  | 1 78086 |

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
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- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated ValueJ Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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Project:

Analytical Report

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order **2310382** Date Reported: **10/26/2023** 

Client Sample ID: TP23-06 4ft Collection Date: 10/5/2023 11:05:00 AM Received Date: 10/7/2023 7:30:00 AM

| Lab ID: 2310382-014             | Matrix: SOIL |          | <b>Received Date:</b> 10/7/2023 7:30:00 AM |    |                       |        |  |  |
|---------------------------------|--------------|----------|--|----|-----------------------|--------|--|--|
| Analyses                        | Result       | RL       | Qual Units                                 | DF | Date Analyzed         | Batch  |  |  |
| EPA METHOD 300.0: ANIONS        |              |          |  |    | Analys                | t: JTT |  |  |
| Chloride                        | 2100         | 60       | mg/Kg                                      | 20 | 10/13/2023 9:17:30 PM | 78144  |  |  |
| EPA METHOD 8015M/D: DIESEL RANG | GE ORGANICS  |          |  |    | Analys                | t: DGH |  |  |
| Diesel Range Organics (DRO)     | ND           | 10       | mg/Kg                                      | 1  | 10/12/2023 2:34:43 PM | 78099  |  |  |
| Motor Oil Range Organics (MRO)  | ND           | 50       | mg/Kg                                      | 1  | 10/12/2023 2:34:43 PM | 78099  |  |  |
| Surr: DNOP                      | 98.7         | 69-147   | %Rec                                       | 1  | 10/12/2023 2:34:43 PM | 78099  |  |  |
| EPA METHOD 8015D: GASOLINE RAN  | IGE          |          |  |    | Analys                | t: CCM |  |  |
| Gasoline Range Organics (GRO)   | ND           | 4.8      | mg/Kg                                      | 1  | 10/13/2023 1:19:00 AM | 78086  |  |  |
| Surr: BFB                       | 93.5         | 15-244   | %Rec                                       | 1  | 10/13/2023 1:19:00 AM | 78086  |  |  |
| EPA METHOD 8021B: VOLATILES     |              |          |  |    | Analys                | t: CCM |  |  |
| Benzene                         | ND           | 0.024    | mg/Kg                                      | 1  | 10/13/2023 1:19:00 AM | 78086  |  |  |
| Toluene                         | ND           | 0.048    | mg/Kg                                      | 1  | 10/13/2023 1:19:00 AM | 78086  |  |  |
| Ethylbenzene                    | ND           | 0.048    | mg/Kg                                      | 1  | 10/13/2023 1:19:00 AM | 78086  |  |  |
| Xylenes, Total                  | ND           | 0.095    | mg/Kg                                      | 1  | 10/13/2023 1:19:00 AM | 78086  |  |  |
| Surr: 4-Bromofluorobenzene      | 85.9         | 39.1-146 | %Rec                                       | 1  | 10/13/2023 1:19:00 AM | 78086  |  |  |

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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- RL Reporting Limit

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Project:

Analytical Report

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order 2310382 Date Reported: 10/26/2023

Client Sample ID: TP23-07 0ft Collection Date: 10/5/2023 11:10:00 AM Received Date: 10/7/2023 7:30:00 AM

| Lab ID: 2310382-015            | Matrix: SOIL |          | <b>Received Dat</b> | <b>e:</b> 10/ | 7/2023 7:30:00 AM       |       |
|--------------------------------|--------------|----------|---------------------|---------------|-------------------------|-------|
| Analyses                       | Result       | RL       | Qual Units          | DF            | Date Analyzed           | Batch |
| EPA METHOD 300.0: ANIONS       |              |          |                     |               | Analyst                 | : SNS |
| Chloride                       | 14000        | 590      | mg/Kg               | 200           | 0 10/16/2023 3:57:32 PM | 78144 |
| EPA METHOD 8015M/D: DIESEL RAN | GE ORGANICS  |          |                     |               | Analyst                 | DGH   |
| Diesel Range Organics (DRO)    | ND           | 9.6      | mg/Kg               | 1             | 10/12/2023 2:45:28 PM   | 78099 |
| Motor Oil Range Organics (MRO) | ND           | 48       | mg/Kg               | 1             | 10/12/2023 2:45:28 PM   | 78099 |
| Surr: DNOP                     | 94.3         | 69-147   | %Rec                | 1             | 10/12/2023 2:45:28 PM   | 78099 |
| EPA METHOD 8015D: GASOLINE RAI | NGE          |          |                     |               | Analyst                 | : CCM |
| Gasoline Range Organics (GRO)  | ND           | 4.7      | mg/Kg               | 1             | 10/13/2023 1:41:00 AM   | 78086 |
| Surr: BFB                      | 97.3         | 15-244   | %Rec                | 1             | 10/13/2023 1:41:00 AM   | 78086 |
| EPA METHOD 8021B: VOLATILES    |              |          |                     |               | Analyst                 | CCM   |
| Benzene                        | ND           | 0.024    | mg/Kg               | 1             | 10/13/2023 1:41:00 AM   | 78086 |
| Toluene                        | ND           | 0.047    | mg/Kg               | 1             | 10/13/2023 1:41:00 AM   | 78086 |
| Ethylbenzene                   | ND           | 0.047    | mg/Kg               | 1             | 10/13/2023 1:41:00 AM   | 78086 |
| Xylenes, Total                 | ND           | 0.095    | mg/Kg               | 1             | 10/13/2023 1:41:00 AM   | 78086 |
| Surr: 4-Bromofluorobenzene     | 86.1         | 39.1-146 | %Rec                | 1             | 10/13/2023 1:41:00 AM   | 78086 |

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

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- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- JAnalyte detected below quantitation limitsPSample pH Not In Range
- RL Reporting Limit

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Project:

Analytical Report

### Hall Environmental Analysis Laboratory, Inc.

Dayton to Dagger Layflat

Lab Order 2310382

Date Reported: 10/26/2023

Client Sample ID: TP23-07 4ft Collection Date: 10/5/2023 11:15:00 AM Received Date: 10/7/2023 7:30:00 AM

| Lab ID: 2310382-016            | Matrix: SOIL |          | <b>Received Date:</b> 10/7/2023 7:30:00 AM |    |                       |       |  |  |
|--------------------------------|--------------|----------|--|----|-----------------------|-------|--|--|
| Analyses                       | Result       | RL       | Qual Units                                 | DF | Date Analyzed         | Batch |  |  |
| EPA METHOD 300.0: ANIONS       |              |          |  |    | Analyst               | : SNS |  |  |
| Chloride                       | 2600         | 150      | mg/Kg                                      | 50 | 10/16/2023 3:07:54 PM | 78144 |  |  |
| EPA METHOD 8015M/D: DIESEL RA  | NGE ORGANICS |          |  |    | Analyst               | DGH   |  |  |
| Diesel Range Organics (DRO)    | ND           | 9.8      | mg/Kg                                      | 1  | 10/12/2023 2:56:09 PM | 78099 |  |  |
| Motor Oil Range Organics (MRO) | ND           | 49       | mg/Kg                                      | 1  | 10/12/2023 2:56:09 PM | 78099 |  |  |
| Surr: DNOP                     | 104          | 69-147   | %Rec                                       | 1  | 10/12/2023 2:56:09 PM | 78099 |  |  |
| EPA METHOD 8015D: GASOLINE RA  | NGE          |          |  |    | Analyst               | CCM   |  |  |
| Gasoline Range Organics (GRO)  | ND           | 4.8      | mg/Kg                                      | 1  | 10/13/2023 2:03:00 AM | 78086 |  |  |
| Surr: BFB                      | 98.5         | 15-244   | %Rec                                       | 1  | 10/13/2023 2:03:00 AM | 78086 |  |  |
| EPA METHOD 8021B: VOLATILES    |              |          |  |    | Analyst               | CCM   |  |  |
| Benzene                        | ND           | 0.024    | mg/Kg                                      | 1  | 10/13/2023 2:03:00 AM | 78086 |  |  |
| Toluene                        | ND           | 0.048    | mg/Kg                                      | 1  | 10/13/2023 2:03:00 AM | 78086 |  |  |
| Ethylbenzene                   | ND           | 0.048    | mg/Kg                                      | 1  | 10/13/2023 2:03:00 AM | 78086 |  |  |
| Xylenes, Total                 | ND           | 0.096    | mg/Kg                                      | 1  | 10/13/2023 2:03:00 AM | 78086 |  |  |
| Surr: 4-Bromofluorobenzene     | 87.4         | 39.1-146 | %Rec                                       | 1  | 10/13/2023 2:03:00 AM | 78086 |  |  |

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

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- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range RL Reporting Limit
- RL Re

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### **OC SUMMARY REPORT** ł =

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|------|----|----|------|

|          | WO#:   | 2310382 |  |  |  |  |
|----------|--|---------|--|--|--|--|
| Hall Env | Hall Environmental Analysis Laboratory, Inc. |         |  |  |  |  |
| Client:  | EOG  |         |  |  |  |  |

| Project:   | Daytor     | n to Dagger Layflat       |  |
|------------|------------|---------------------------|--|
| Sample ID: | MB-78144   | SampType: MBLK            | TestCode: EPA Method 300.0: Anions                     |
| Client ID: | PBS        | Batch ID: 78144           | RunNo: 100450  |
| Prep Date: | 10/13/2023 | Analysis Date: 10/13/2023 | SeqNo: 3680464 Units: mg/Kg                            |
| Analyte    |            | Result PQL SPK value      | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride   |            | ND 1.5                    |  |
| Sample ID: | LCS-78144  | SampType: LCS             | TestCode: EPA Method 300.0: Anions                     |
| Client ID: | LCSS       | Batch ID: 78144           | RunNo: 100450  |
| Prep Date: | 10/13/2023 | Analysis Date: 10/13/2023 | SeqNo: 3680465 Units: mg/Kg                            |
| Analyte    |            | Result PQL SPK value      | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride   |            | 14 1.5 15.00              | 0 92.4 90 110  |
| Sample ID: | MB-78149   | SampType: MBLK            | TestCode: EPA Method 300.0: Anions                     |
| Client ID: | PBS        | Batch ID: 78149           | RunNo: 100450  |
| Prep Date: | 10/13/2023 | Analysis Date: 10/13/2023 | SeqNo: 3680466 Units: mg/Kg                            |
| Analyte    |            | Result PQL SPK value      | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride   |            | ND 1.5                    |  |
| Sample ID: | LCS-78149  | SampType: LCS             | TestCode: EPA Method 300.0: Anions                     |
| Client ID: | LCSS       | Batch ID: 78149           | RunNo: 100450  |
| Prep Date: | 10/13/2023 | Analysis Date: 10/13/2023 | SeqNo: 3680467 Units: mg/Kg                            |
| Analyte    |            | Result PQL SPK value      | SPK Ref Val %REC LowLimit HighLimit %RPD RPDLimit Qual |
| Chloride   |            | 14 1.5 15.00              | 0 93.1 90 110  |

Qualifiers:

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- D Sample Diluted Due to Matrix
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- % Recovery outside of standard limits. If undiluted results may be estimated. S
- В Analyte detected in the associated Method Blank
- Е Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- Р Sample pH Not In Range
- RL Reporting Limit

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# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

| WO#: | 2310382 |  |
|------|---------|--|

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|                          | EOG<br>Dayton to Dagger | Layflat   |           |             |                  |           |                    |           |          |      |
|--------------------------|-------------------------|-----------|-----------|-------------|------------------|-----------|--------------------|-----------|----------|------|
| Sample ID: LCS-780       | <b>194</b> Samp         | Type: LC  | s         | Tes         | tCode: EF        | PA Method | 8015M/D: Die       | sel Range | Organics |      |
| Client ID: LCSS          | Bate                    | ch ID: 78 | 094       | F           | RunNo: <b>1(</b> | 00384     |                    |           |          |      |
| Prep Date: 10/11/2       | 023 Analysis            | Date: 10  | 0/11/2023 | Ş           | SeqNo: 36        | 677536    | Units: mg/K        | g         |          |      |
| Analyte                  | Result                  | PQL       | SPK value | SPK Ref Val | %REC             | LowLimit  | HighLimit          | %RPD      | RPDLimit | Qual |
| Diesel Range Organics (D | RO) 47                  | 10        | 50.00     | 0           | 93.1             | 61.9      | 130                |           |          |      |
| Surr: DNOP               | 4.8                     |           | 5.000     |             | 95.3             | 69        | 147                |           |          |      |
| Sample ID: MB-7809       | <b>34</b> Samp          | Туре: М   | BLK       | Tes         | tCode: EF        | PA Method | 8015M/D: Die       | sel Range | Organics |      |
| Client ID: PBS           | Bate                    | ch ID: 78 | 094       | F           | RunNo: <b>1(</b> | 00384     |                    |           |          |      |
| Prep Date: 10/11/2       | Analysis                | Date: 10  | 0/11/2023 | S           | SeqNo: 36        | 677562    | Units: mg/K        | g         |          |      |
| Analyte                  | Result                  | PQL       | SPK value | SPK Ref Val | %REC             | LowLimit  | HighLimit          | %RPD      | RPDLimit | Qual |
| Diesel Range Organics (D | RO) ND                  | 10        |           |             |                  |           |                    |           |          |      |
| Motor Oil Range Organics | . ,                     | 50        |           |             |                  |           |                    |           |          |      |
| Surr: DNOP               | 9.5                     |           | 10.00     |             | 95.3             | 69        | 147                |           |          |      |
| Sample ID: LCS-780       | <b>199</b> Samp         | Type: LC  | s         | Tes         | tCode: EF        | PA Method | 8015M/D: Die       | sel Range | Organics |      |
| Client ID: LCSS          | Bate                    | ch ID: 78 | 099       | F           | RunNo: 10        | 00412     |                    |           |          |      |
| Prep Date: 10/11/2       | Analysis                | Date: 10  | 0/12/2023 | S           | SeqNo: 36        | 678217    | Units: <b>mg/K</b> | g         |          |      |
| Analyte                  | Result                  | PQL       | SPK value | SPK Ref Val | %REC             | LowLimit  | HighLimit          | %RPD      | RPDLimit | Qual |
| Diesel Range Organics (D | RO) 63                  | 10        | 50.00     | 0           | 126              | 61.9      | 130                |           |          |      |
| Surr: DNOP               | 6.7                     |           | 5.000     |             | 134              | 69        | 147                |           |          |      |
| Sample ID: MB-7809       | 99 Samp                 | Туре: М   | BLK       | Tes         | tCode: EF        | PA Method | 8015M/D: Die       | sel Range | Organics |      |
| Client ID: PBS           | Bat                     | ch ID: 78 | 099       | F           | RunNo: <b>1(</b> | 00412     |                    |           |          |      |
| Prep Date: 10/11/2       | Analysis                | Date: 10  | 0/12/2023 | S           | SeqNo: 36        | 678220    | Units: mg/K        | g         |          |      |
| Analyte                  | Result                  | PQL       | SPK value | SPK Ref Val | %REC             | LowLimit  | HighLimit          | %RPD      | RPDLimit | Qual |
| Diesel Range Organics (D | RO) ND                  | 10        |           |             |                  |           |                    |           |          |      |
| Motor Oil Range Organics |                         | 50        |           |             |                  |           |                    |           |          |      |
| Surr: DNOP               | 11                      |           | 10.00     |             | 110              | 69        | 147                |           |          |      |

#### Qualifiers:

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- PQL Practical Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range

RL Reporting Limit

# QC SUMMARY REPORT Hall Environmental Analysis Laboratory, Inc.

WO#:

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| Client:                            | EOG                               |                |  |  |                     |          |               |           |          |      |
|------------------------------------|-----------------------------------|----------------|--|--|---------------------|----------|---------------|-----------|----------|------|
| Project:                           |                                   | o Dagger Layf  | lat  |  |                     |          |               |           |          |      |
| Sample ID:                         | lcs-78084                         | SampType       | LCS  | Tes  | tCode: EPA          | Method   | 8015D: Gasoli | ine Range |          |      |
| Client ID:                         | LCSS                              | Batch ID:      |  |  | RunNo: 1004         |          |               |           |          |      |
| Prep Date:                         | 10/11/2023                        | Analysis Date: |  |  | SeqNo: 3678         | -        | Units: mg/K   | a         |          |      |
|                                    | 10/11/2023                        |                |  |  |                     |          |               |           |          |      |
| Analyte                            | 0 (000)                           |                | QL SPK value                               | SPK Ref Val                                | -                   | LowLimit | HighLimit     | %RPD      | RPDLimit | Qual |
| -                                  | e Organics (GRO)                  | 25             | 5.0 25.00                                  | 0  | 100                 | 70       | 130           |           |          |      |
| Surr: BFB                          |                                   | 2000           | 1000                                       |  | 204                 | 15       | 244           |           |          |      |
| Sample ID:                         | mb-78084                          | SampType       | BLK  | Tes  | tCode: EPA          | Method   | 8015D: Gasoli | ine Range |          |      |
| Client ID:                         | PBS                               | Batch ID:      | 78084                                      | F  | RunNo: 1004         | 410      |               |           |          |      |
| Prep Date:                         | 10/11/2023                        | Analysis Date: | 10/12/2023                                 | S  | SeqNo: 3678         | 8104     | Units: mg/Kg  | g         |          |      |
| Analyte                            |                                   | Result P       | QL SPK value                               | SPK Ref Val                                | %REC L              | LowLimit | HighLimit     | %RPD      | RPDLimit | Qual |
| Gasoline Rang                      | e Organics (GRO)                  | ND             | 5.0  |  |                     |          |               |           |          |      |
| Surr: BFB                          | Surr: BFB 980 1000                |                |  |  | 98.4                | 15       | 244           |           |          |      |
| Sample ID:                         | ample ID: Ics-78086 SampType: LCS |                |  | TestCode: EPA Method 8015D: Gasoline Range |                     |          |               |           |          |      |
| Client ID:                         | LCSS                              | Batch ID:      | 78086                                      | F  | RunNo: 1004         | 432      |               |           |          |      |
| Prep Date:                         | 10/11/2023                        | Analysis Date: | 10/12/2023                                 | S  | SeqNo: 3678         | 8787     | Units: mg/Kg  | g         |          |      |
| Analyte                            |                                   | Result P       | QL SPK value                               | SPK Ref Val                                | %REC L              | LowLimit | HighLimit     | %RPD      | RPDLimit | Qual |
| Gasoline Rang                      | e Organics (GRO)                  | 23             | 5.0 25.00                                  | 0  | 92.9                | 70       | 130           |           |          |      |
| Surr: BFB                          |                                   | 2100           | 1000                                       |  | 212                 | 15       | 244           |           |          |      |
| Sample ID: mb-78086 SampType: MBLK |                                   |                | TestCode: EPA Method 8015D: Gasoline Range |  |                     |          |               |           |          |      |
| Client ID:                         | PBS                               | Batch ID:      | 78086                                      | F  | RunNo: <b>100</b> 4 | 432      |               |           |          |      |
| Prep Date:                         | 10/11/2023                        | Analysis Date: | 10/12/2023                                 | S  | SeqNo: 3678         | 8788     | Units: mg/K   | g         |          |      |
| Analyte                            |                                   | Result P       | QL SPK value                               | SPK Ref Val                                | %REC L              | LowLimit | HighLimit     | %RPD      | RPDLimit | Qual |
| Gasoline Rang                      | e Organics (GRO)                  | ND             | 5.0  |  |                     |          |               |           |          |      |

#### Qualifiers:

Surr: BFB

- \* 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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.

990

1000

B Analyte detected in the associated Method Blank

99.4

15

244

- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

Page 19 of 20

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

| WO#: | 2310382   |
|------|-----------|
|      | 26-Oct-23 |

| Client:<br>Project:  | EOG<br>Dayton to Dag   | ger Layfla  | t  |   |  |  |  |                  |          |      |
|--|--|---|--|---|--|--|--|------------------|----------|------|
| Sample ID: LCS-7   | /8084 S  | ampType: I  | _CS  | Tes   | tCode: EF  | PA Method  | 8021B: Volati  | les              |          |      |
| Client ID: LCSS  |  | Batch ID:   |  |   | RunNo: 10  |  |  |                  |          |      |
|  |  | ysis Date:  |  |   | SeqNo: 36  |  | Lipito: ma//   | · ~              |          |      |
|  | 1/2023 Ana   | -   |  | ,   | 3eq110. 30   | 0/0100   | Units: mg/K  | y                |          |      |
| Analyte  | Res  |   |  | SPK Ref Val   | %REC   | LowLimit   | HighLimit  | %RPD             | RPDLimit | Qual |
| Benzene  |  | .95 0.02  |  | 0   | 94.5   | 70   | 130  |                  |          |      |
| Toluene  |  | .96 0.05  |  | 0   | 96.0   | 70   | 130  |                  |          |      |
| Ethylbenzene   |  | .98 0.05  |  | 0   | 97.5   | 70   | 130  |                  |          |      |
| Xylenes, Total   |  | 3.0 0.1   |  | 0   | 98.8   | 70   | 130  |                  |          |      |
| Surr: 4-Bromofluorob   | enzene   | 1.0   | 1.000  |   | 102  | 39.1   | 146  |                  |          |      |
| Sample ID: mb-78   | <b>6084</b> S  | ampType: I  | MBLK   | Tes   | tCode: EF  | PA Method  | 8021B: Volati  | les              |          |      |
| Client ID: PBS   |  | Batch ID:   | 78084  | F   | RunNo: <b>10</b>   | 00410  |  |                  |          |      |
| Prep Date: 10/11   | 1/2023 Anal  | ysis Date:  | 10/12/2023   | S   | SeqNo: 36  | 678109   | Units: <b>mg/K</b>   | g                |          |      |
| Analyte  | Res  | sult PQI  | SPK value  | SPK Ref Val   | %REC   | LowLimit   | HighLimit  | %RPD             | RPDLimit | Qual |
| Benzene  | 1  | ND 0.02   | 5  |   |  |  |  |                  |          |      |
| Toluene  | 1  | ND 0.05   | 0  |   |  |  |  |                  |          |      |
| Ethylbenzene   | 1  | ND 0.05   | 0  |   |  |  |  |                  |          |      |
| Xylenes, Total   | 1  | ND 0.1  | 0  |   |  |  |  |                  |          |      |
| Surr: 4-Bromofluorob   | enzene   | 1.0   | 1.000  |   | 103  | 39.1   | 146  |                  |          |      |
| Sample ID: Ics-78  | ample ID: Ics-78086 SampType: LCS TestCode: EPA Method 8021E                                     |   |  |   | 8021B: Volati  | les  |  |                  |          |      |
| Client ID: LCSS  |  |   |  |   |  |  |  |                  |          |      |
|  |  |   |  |   |  |  |  |                  |          |      |
| Prep Date: 10/11   |  | ysis Date:  | 10/12/2023   |   | SeqNo: 36  | 678735   | Units: mg/K  | g                |          |      |
|  |  | -   |  | 5   | SeqNo: <b>36</b><br>%REC   | 5 <b>78735</b><br>LowLimit   | Units: <b>mg/K</b><br>HighLimit  | <b>g</b><br>%RPD | RPDLimit | Qual |
| Analyte  | 1/2023 Anal<br>Res   | -   | SPK value  | 5   |  |  | _  | -                | RPDLimit | Qual |
| Analyte<br>Benzene   | 1/2023 Anal<br>Res<br>0.   | sult PQI  | SPK value  | SPK Ref Val   | %REC   | LowLimit   | HighLimit  | -                | RPDLimit | Qual |
| Analyte<br>Benzene<br>Toluene  | 1/2023 Anal<br>Res<br>0.<br>0.   | sult PQI<br>.86 0.02  | SPK value           5         1.000           0         1.000  | SPK Ref Val   | %REC<br>86.0   | LowLimit<br>70   | HighLimit<br>130   | -                | RPDLimit | Qual |
| Analyte<br>Benzene<br>Toluene<br>Ethylbenzene  | 1/2023 Anal<br>Res<br>0.<br>0.<br>0.   | sult PQI<br>86 0.02<br>86 0.05  | SPK value           5         1.000           0         1.000           0         1.000  | SPK Ref Val<br>0<br>0                                 | %REC<br>86.0<br>86.2   | LowLimit<br>70<br>70   | HighLimit<br>130<br>130  | -                | RPDLimit | Qual |
| Analyte<br>Benzene<br>Foluene<br>Ethylbenzene  | 1/2023 Anal<br>Res<br>0.<br>0.<br>0.<br>0.   | sult PQI<br>86 0.02<br>86 0.05<br>90 0.05   | SPK value           5         1.000           0         1.000           0         1.000  | SPK Ref Val<br>0<br>0<br>0                            | %REC<br>86.0<br>86.2<br>89.6   | LowLimit<br>70<br>70<br>70   | HighLimit<br>130<br>130<br>130   | -                | RPDLimit | Qual |
| Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total  | 1/2023 Anal<br>Res<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0. | sult PQI<br>86 0.02<br>86 0.05<br>90 0.05<br>2.7 0.1  | SPK value           5         1.000           0         1.000           0         1.000           0         3.000           1.000            | SPK Ref Val<br>0<br>0<br>0<br>0                       | %REC<br>86.0<br>86.2<br>89.6<br>89.0<br>87.8   | LowLimit<br>70<br>70<br>70<br>70<br>39.1                           | HighLimit<br>130<br>130<br>130<br>130  | %RPD             | RPDLimit | Qual |
| Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorob  | 1/2023 Anal<br>Res<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0. | sult PQI<br>86 0.02<br>86 0.05<br>90 0.05<br>2.7 0.1<br>88  | SPK value<br>5 1.000<br>0 1.000<br>0 1.000<br>0 3.000<br>1.000   | SPK Ref Val<br>0<br>0<br>0<br>0<br>0<br>Tes           | %REC<br>86.0<br>89.6<br>89.0<br>87.8<br>tCode: EF                                    | LowLimit<br>70<br>70<br>70<br>70<br>39.1<br><b>PA Method</b>       | HighLimit<br>130<br>130<br>130<br>130<br>130<br>146                          | %RPD             | RPDLimit | Qual |
| Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Kylenes, Total<br>Surr: 4-Bromofluorob<br>Sample ID: mb-78<br>Client ID: PBS  | 1/2023 Anal<br>Res<br>0.<br>0.<br>0.<br>0.<br>2086 S   | Sult PQI<br>86 0.02<br>86 0.05<br>90 0.05<br>2.7 0.1<br>88  | SPK value<br>5 1.000<br>0 1.000<br>0 3.000<br>1.000<br>WBLK<br>78086   | SPK Ref Val<br>0<br>0<br>0<br>0<br>0<br>0<br>Tes<br>F | %REC<br>86.0<br>86.2<br>89.6<br>89.0<br>87.8   | LowLimit<br>70<br>70<br>70<br>39.1<br>24 Method                    | HighLimit<br>130<br>130<br>130<br>130<br>130<br>146                          | %RPD             | RPDLimit | Qual |
| Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorob<br>Sample ID: mb-78<br>Client ID: PBS  | 1/2023 Anal<br>Res<br>0.<br>0.<br>0.<br>0.<br>2086 S   | sult         PQI           86         0.02           86         0.05           90         0.05           2.7         0.1           88   | SPK value<br>5 1.000<br>0 1.000<br>0 3.000<br>1.000<br>MBLK<br>78086<br>10/12/2023   | SPK Ref Val<br>0<br>0<br>0<br>0<br>0<br>0<br>Tes<br>F | %REC<br>86.0<br>86.2<br>89.6<br>89.0<br>87.8<br>tCode: EF                            | LowLimit<br>70<br>70<br>70<br>39.1<br>24 Method                    | HighLimit<br>130<br>130<br>130<br>130<br>130<br>146<br>8021B: Volati         | %RPD             | RPDLimit | Qual |
| Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorob<br>Sample ID: mb-78<br>Client ID: PBS<br>Prep Date: 10/11                                  | 1/2023 Anal<br>Res<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0. | sult         PQI           86         0.02           86         0.05           90         0.05           2.7         0.1           88   | <ul> <li>SPK value</li> <li>1.000</li> <li>1.000</li> <li>1.000</li> <li>3.000</li> <li>1.000</li> </ul> WBLK 78086 10/12/2023 SPK value     | SPK Ref Val<br>0<br>0<br>0<br>0<br>0<br>Tes<br>F      | %REC<br>86.0<br>86.2<br>89.6<br>89.0<br>87.8<br>ttCode: EF<br>RunNo: 10<br>SeqNo: 36 | LowLimit<br>70<br>70<br>70<br>39.1<br>24 Method<br>00432<br>578736 | HighLimit<br>130<br>130<br>130<br>130<br>146<br>8021B: Volati<br>Units: mg/K | %RPD             |          |      |
| Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorob<br>Sample ID: mb-78<br>Client ID: PBS<br>Prep Date: 10/11<br>Analyte                       | 1/2023 Anal<br>Res<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0. | sult PQI<br>86 0.02<br>86 0.05<br>90 0.05<br>2.7 0.1<br>88<br>mampType: I<br>Batch ID: 5<br>ysis Date:<br>sult PQI  | <ul> <li>SPK value</li> <li>1.000</li> <li>1.000</li> <li>1.000</li> <li>3.000</li> <li>1.000</li> </ul> MBLK 78086 10/12/2023 5             | SPK Ref Val<br>0<br>0<br>0<br>0<br>0<br>Tes<br>F      | %REC<br>86.0<br>86.2<br>89.6<br>89.0<br>87.8<br>ttCode: EF<br>RunNo: 10<br>SeqNo: 36 | LowLimit<br>70<br>70<br>70<br>39.1<br>24 Method<br>00432<br>578736 | HighLimit<br>130<br>130<br>130<br>130<br>146<br>8021B: Volati<br>Units: mg/K | %RPD             |          |      |
| Analyte<br>Benzene<br>Foluene<br>Ethylbenzene<br>Kylenes, Total<br>Surr: 4-Bromofluorob<br>Sample ID: mb-78<br>Client ID: PBS<br>Prep Date: 10/11<br>Analyte<br>Benzene<br>Foluene | 1/2023 Anal<br>Res<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0. | sult         PQI           86         0.02           86         0.05           90         0.05           2.7         0.1           88   | <ul> <li>SPK value</li> <li>1.000</li> <li>1.000</li> <li>1.000</li> <li>3.000</li> <li>1.000</li> </ul> MBLK 78086 10/12/2023 SPK value 5 0 | SPK Ref Val<br>0<br>0<br>0<br>0<br>0<br>Tes<br>F      | %REC<br>86.0<br>86.2<br>89.6<br>89.0<br>87.8<br>ttCode: EF<br>RunNo: 10<br>SeqNo: 36 | LowLimit<br>70<br>70<br>70<br>39.1<br>24 Method<br>00432<br>578736 | HighLimit<br>130<br>130<br>130<br>130<br>146<br>8021B: Volati<br>Units: mg/K | %RPD             |          |      |
| Analyte<br>Benzene<br>Toluene<br>Ethylbenzene<br>Xylenes, Total<br>Surr: 4-Bromofluorob<br>Sample ID: mb-78<br>Client ID: PBS<br>Prep Date: 10/11<br>Analyte<br>Benzene            | 1/2023 Anal<br>Res<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0.<br>0. | sult         PQI           86         0.02           86         0.05           90         0.05           2.7         0.1           88           sampType: I           Batch ID: 7           ysis Date:           sult         PQI           ND         0.02 | <ul> <li>SPK value</li> <li>1.000</li> <li>1.000</li> <li>1.000</li> <li>3.000</li> <li>1.000</li> </ul> MBLK 78086 10/12/2023 5 0 0         | SPK Ref Val<br>0<br>0<br>0<br>0<br>0<br>Tes<br>F      | %REC<br>86.0<br>86.2<br>89.6<br>89.0<br>87.8<br>ttCode: EF<br>RunNo: 10<br>SeqNo: 36 | LowLimit<br>70<br>70<br>70<br>39.1<br>24 Method<br>00432<br>578736 | HighLimit<br>130<br>130<br>130<br>130<br>146<br>8021B: Volati<br>Units: mg/K | %RPD             |          |      |

#### 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 Quanitative Limit
- S % Recovery outside of standard limits. If undiluted results may be estimated.
- B Analyte detected in the associated Method Blank
- E Above Quantitation Range/Estimated Value
- J Analyte detected below quantitation limits
- P Sample pH Not In Range
- RL Reporting Limit

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| HALL<br>ENVIRONMENTAL<br>ANALYSIS<br>LABORATORY   | Hall Environmental<br>Alb<br>TEL: 505-345-3973<br>Website: www.ha | 4901<br>uquerqu<br>5 FAX: 5 | -<br>Hawkins NI<br>ue, NM 8710<br>505-345-410 | E<br>9 <b>S</b><br>7 | am           | nple Log-In Check List                                 | _ |
|---|---|-----------------------------|---|----------------------|--------------|--|---|
| Client Name: EOG  | Work Order Number   | : 2310                      | 382   |                      |              | RcptNo: 1  | - |
| Received By: Juan Rojas   | 10/7/2023 7:30:00 AM  | [                           | Ļ   | fland                | G            |  |   |
| Completed By: Juan Rogins   | 1017123   |                             |   |                      |              |  |   |
| Completed By: Juan Aby'as<br>Reviewed By:   | 10/07/23  | )                           |   |                      |              |  |   |
| Chain of Custody  |   |                             |   |                      |              |  |   |
| 1. Is Chain of Custody complete?  |   | Yes                         |   | No                   | $\checkmark$ | Not Present  |   |
| 2. How was the sample delivered?  |   | Couri                       | ier   |                      |              |  |   |
| Log In<br>3. Was an attempt made to cool the samples                                      | ?   | Yes                         |   | No [                 |              |  |   |
| 4. Were all samples received at a temperature   | e of >0° C to 6.0°C   | Yes                         |   | No [                 |              |  |   |
| 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) prope   | rly preserved?  | Yes                         | $\checkmark$                                  | 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 brok  | en?   | Yes                         |   | No                   |              | # of preserved   |   |
| 11. Does paperwork match bottle labels?<br>(Note discrepancies on chain of custody)       |   | Yes                         | $\checkmark$                                  | No [                 |              | bottles checked<br>for pH:<br>(<2 or >12 unless noted) | _ |
| 12. Are matrices correctly identified on Chain of   | Custody?  | Yes                         | $\checkmark$                                  | No                   |              | Adjusted?  |   |
| 13. Is it clear what analyses were requested?   |   | Yes                         |   | No                   |              | - John   | 7 |
| 14. Were all holding times able to be met?<br>(If no, notify customer for authorization.) |   | Yes                         | $\checkmark$                                  | No                   |              | Checked by: 74/0/772                                   | > |
| Special Handling (if applicable)  |   |                             |   |                      | /            |  |   |
| 15. Was client notified of all discrepancies with   | this order?   | Yes                         |   | No [                 |              | NA 🗹   |   |
| Person Notified:<br>By Whom:<br>Regarding:<br>Client Instructions: ]                      | Date<br>Via:  | eMa                         | il 🗌 Phor                                     | 1e 🗌 I               | Fax          | In Person  |   |
| 16. Additional remarks:   |   |                             |   |                      |              |  |   |
| Client missing mailing address, phon 17. <u>Cooler Information</u>                        | e number, and email addr  | ess on                      | COC, JR 10                                    | 0/7/23               |              |  |   |

•

Released to Imaging: 1/31/2024 4:02:31 PM

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

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| Received           | 14LBO          | Plank            | Received@YASTh L67W@23546@VPRecord  | Turn-Around Time:          | Time:              |                                   |                           |                 | I            |           | N                  | VIR       | NO                        | HALL FNVTRONMEN <sup>25, of 98</sup> | £ 95 of 98 |
|--------------------|----------------|------------------|---|----------------------------|--------------------|-----------------------------------|---------------------------|-----------------|--------------|-----------|--------------------|-----------|---------------------------|--------------------------------------|------------|
| Client: Silverback | lverback       |                  |   | Z Standard                 | Z Rush             | 5 MW                              |                           |                 | A            | AL        | ANALYSIS           | S         | ABO                       | LABORATORY                           | ORY        |
| Fange              | 200            | B                | Eminonnoustal   | Project Name               | e: Dayton to D     | ayton to Dagger Layflat           |                           |                 | ¥            | w.hal     | envirol            | nment     | www.hallenvironmental.com |                                      |            |
| Mailing A          | ddress:        | 0.0              | Cilo  |                            |                    |                                   | 4                         | 4901 Hawkins NE | awkins       | ۲<br>NE   |                    | nerqu     | Albuquerque, NM 87109     | 1109                                 |            |
|                    |                |                  | )   | Project #:                 | -                  |                                   |                           | Tel. 50         | 505-345-3975 | 3975      | Fax                |           | 505-345-4107              | 07                                   |            |
| Phone #:           |                |                  |   | g                          | 6604               |                                   |                           |                 |              | 4         | Analysis           |           | Request                   |                                      |            |
| email or Fax#:     | -ax#:          |                  |   | Project Manage             | ger:               | (                                 |                           | _               |              |           | ۶O                 |           | (tuə                      |                                      |            |
| QA/QC Package:     | ackage:<br>ard |                  | I evel 4 (Full Validation)  | mill                       | will kievdery      | tra                               | 208) <i>e</i> '<br>AM \ O | PCB's           | 5/1150       | SMISC     | 5 <sup>(†</sup> 0d |           | edAtr                     |                                      |            |
|                    | tion.          |                  | 🗆 Az Compliance   | Sampler: Fer               | nando Rodrig       | uez                               |                           |                 |              | 170       | 10 <sup>5°</sup>   |           | əsə                       |                                      |            |
|                    | 0              | □ Other          |   | On Ice: A Yes              | A Yes              | ON 🗆                              |                           |                 |              |           | <sup>ع</sup> ' لا  | (AO       | IPI                       |                                      |            |
| 🗆 EDD (Type)       | Type)          |                  |   | # of Coolers:              | 1                  | 40%                               | _                         | _               |              |           |                    | _         | ພາດ                       |                                      |            |
|                    |                |                  |   | Cooler Temp(including CF): |                    | 0.4-6.1=0.3                       |                           |                 |              |           |                    |           | ofilo:                    |                                      |            |
|                    | i              |                  |   | Container                  | Preservative       | 1                                 |                           |                 | N) 80        | CBA       | v) o9z<br>1)'1     | G) 072    | O listo                   |                                      |            |
|                    |                |                  |   | 1 ype and #                | - juc              | C)1035C                           |                           | _               | _            |           |                    |           | <u> </u>                  |                                      |            |
| 10/05/23           | 0.00           | 100              |   | 1, 402 Jai                 | בפ                 | 57                                | -                         |                 | +            |           | < ;                |           |                           |                                      | T          |
| 10/05/23           | 10:05          | Soil             | TP23-01 4ft   | 1, 4oz jar                 | lce                | -002                              | ××                        |                 |              |           | ×                  |           | +                         |                                      |            |
| 10/05/23           | 10:10          | Soil             | TP23-02 0ft   | 1, 4oz jar                 | lce                | 200-                              | ×                         |                 | _            |           | ×                  |           |                           |                                      |            |
| 10/05/23           | 10:15          | Soil             | TP23-02 4ft   | 1, 4oz jar                 | Ice                | 1001                              | ×                         |                 |              |           | ×                  |           |                           |                                      |            |
| 10/05/23           | 10:20          | Soil             | TP23-03 0ft   | 1, 4oz jar                 | lce                | 200-                              | ×                         |                 | _            |           | ×                  |           |                           |                                      |            |
| 10/05/23           | 10:25          | Soil             | TP23-03 4ft   | 1, 4oz jar                 | lce                | 200-                              | ×                         |                 |              |           | ×                  |           |                           |                                      |            |
| 10/05/23           | 10:30          | Soil             | TP23-03 6ft   | 1, 4oz jar                 | lce                | 1001                              | ×                         |                 | -            |           | ×                  |           |                           |                                      |            |
| 10/05/23           | 10:35          | Soil             | TP23-03 8ft   | 1, 4oz jar                 | lce<br>ICe         | いついい                              | ×                         |                 |              |           | ×                  | -         |                           |                                      |            |
| 10/05/23           | 10:40          | Soil             | TP23-04 0ft   | 1, 4oz jar                 | lce                | -009                              | ××                        |                 | -            |           | ×                  |           |                           |                                      |            |
| 10/05/23           | 10:45          | Soil             | TP23-04 4ft   | 1, 4oz jar                 | lce                | -0/0                              | ×<br>×                    |                 | -            |           | ×                  |           |                           |                                      |            |
| 10/05/23           | 10:50          | Soil             | TP23-05 0ft   | 1, 4oz jar                 | lce                | 10-                               | ××                        |                 |              |           | ×                  | _         |                           |                                      |            |
| 10/05/23           | 10:55          | Soil             | TP23-05 4ft   | 1, 4oz jar                 | lce                | 210-                              | ×                         |                 | _            | 2         | ×                  |           |                           |                                      |            |
|                    | Time:          | Relinquished by  | hed by:   | Received by:               | Via:               | Date Time                         | Remarks                   | ,<br>ks:        |              |           |                    | 1         | Å                         | Lo vor                               |            |
| N07                | 8.<br>8.       | Nº               | V   | Charlen                    | 0                  |                                   | ż                         | 3               | 5            | Š.        | 202                | 3         | CC: NIN CONTROL           |                                      | 2          |
|                    | Time:          | Relinquished by: | hed by:   | Received by:               | Via:               | Date Time                         |                           |                 |              |           |                    |           | ,                         |                                      | 2          |
| 62/0/0,            | 0151           | Christ           | in a  | Ì                          | Arouver            | 10/7/23 7/30 Divect bill          | NO                        | ect             | ja           | 4         | J<br>Q             | 2         | Nertan                    | ack                                  |            |
|                    | f necessity    | r samples su     | f neressary samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub-contracted data will be clearly notated on the analytical report. | contracted to other        | credited laborator | ies. This serves as notice of thi | s possibilit              | v. Any su       | b-contra     | cted data | will be cle        | arly nota | ated on the               | analytical repo                      | ť          |

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B If necessary, samples submitted to Hall Environmental may be subcontracted to other accredited laboratories. This serves as notice of this possibility. Any sub•

| Receive          | - Higght           | Prove            | Receive CIPAIP 1694 CORSTER BY RECORD | I urn-Around            | lime:                       |   |          |               | _             |                            |          | Ň                | /TR       | MNO                       | ENVTRONME. Page 36 of 98 | 6 of 98 |
|------------------|--------------------|------------------|---------------------------------------|-------------------------|-----------------------------|---|----------|---------------|---------------|----------------------------|----------|------------------|-----------|---------------------------|--------------------------|---------|
| Client: S        | Client: Silverback |                  |                                       | <b>A</b> Standard       |                             | 5 DAV   |          |               |               | ANALYSIS                   | 9        | SI               | S<br>S    | ABOF                      | ABORATOR                 | 27      |
| Cenor            | しる                 | Sire             | ever Enivormental                     | Project Name            |                             | Dayton to Dagger Layflat  |          |               | _             | MMM                        | halle    | nviron           | ment      | www.hallenvironmental.com |                          |         |
| Mailing Address: | Address:           | 50               | Cilo                                  |                         |                             |   |          | 4901          | Hawk          | 4901 Hawkins NE            | Т        | Nbudı            | nbuər     | Albuquerque, NM 87109     | 60                       |         |
|                  |                    |                  |                                       | Project #:              |                             |   |          | Tel.          | 505-3         | Tel. 505-345-3975          | 75       | Fax              | 505-      | Fax 505-345-4107          |                          |         |
| Phone #:         |                    |                  |                                       | 2<br>9<br>9             | 20                          |   |          |               |               |                            | An       | Analysis Request | Req       | lest                      |                          |         |
| email or Fax#:   | Fax#:              |                  |                                       | Project Mana            |                             |   | (12      |               |               | -                          | 03       | *~~              |           | (ìn9                      |                          |         |
| QA/QC Package:   | ackage:            |                  |                                       | WIN Kie                 | 8                           | マンタ   | 208)     |               |               | SMI                        |          | 170              |           | edA'                      |                          |         |
| □ Standard       | lard               |                  | Level 4 (Full Validation)             |                         |                             |   | s'8      |               |               |                            | <u> </u> |                  |           | Лuэ                       |                          |         |
| Accreditation:   | ation:             | □ Az Co          | npliance                              | Sampler: Fer            | Sampler: Fernando Rodriguez | Jez   | MT       |               |               |                            |          |                  | (∀        | səıc                      |                          |         |
|                  | ر<br>پ             |                  |                                       |                         | Z es                        |   | /        |               |               |                            |          | <sup>'E</sup> C  | 0/        | ) u                       |                          |         |
|                  | (Type)             |                  |                                       | # of Coolers:           |                             | 5   | аті      |               |               |                            |          |                  |           | noî                       |                          |         |
|                  |                    |                  |                                       |                         | nciuaing CF).               | 1-1-1- C. O   | NK       |               |               |                            |          |                  |           | iloD                      |                          |         |
| Date             | Time               | Matrix           | Sample Name                           | Container<br>Type and # | Preservative<br>Type        | 7310382   | BTEX     | 58081<br>1908 | FDB<br>8081   | ⊧нАЧ                       | RCR      | 8560<br>Ci)E'    | 9728      | lstoT                     |                          |         |
| 10/05/23         | 11:00              | Soil             | TP23-06 0ft                           | 1, 4oz jar              | lce                         | 613   | ×        | ×             |               |                            |          | ×                |           |                           |                          |         |
| 10/05/23         | 11:05              | Soil             | TP23-06 4ft                           | 1, 4oz jar              | lce                         | ていっ   | ×        | ×             |               |                            |          | ×                |           |                           |                          |         |
| 10/05/23         | 11:10              | Soil             | TP23-07 0ft                           | 1, 4oz jar              | lce                         | -015  | ×        | ×             |               |                            |          | ×                |           |                           |                          |         |
| 10/05/23         | 11:15              | Soil             | TP23-07 4ft                           | 1, 4oz jar              | lce                         | -01 P   | ×        | ×             |               |                            |          | ×                |           |                           |                          |         |
|                  |                    |                  |                                       |                         |                             |   |          |               |               |                            |          |                  |           |                           |                          |         |
|                  |                    |                  |                                       |                         |                             |   |          |               |               |                            |          |                  |           |                           |                          |         |
|                  |                    |                  |                                       |                         |                             |   |          |               |               |                            |          |                  | _         |                           |                          |         |
|                  |                    |                  |                                       |                         |                             |   |          |               | -             |                            | -        |                  |           |                           |                          |         |
|                  |                    |                  |                                       |                         |                             |   |          | _             | $\rightarrow$ |                            |          | $\rightarrow$    | _         |                           |                          |         |
|                  |                    |                  |                                       |                         |                             |   |          |               |               |                            | -        |                  |           |                           |                          |         |
|                  |                    |                  |                                       |                         |                             |   |          |               |               |                            |          |                  |           |                           |                          |         |
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| Date:            | Time:              | Relinquished by: | hed by:                               | Received by:            | , Kia:                      | Date Time $v_0 v _{2,3}$ $v_{12,0}$   |          | arks:         | 17:0          | narks:<br>C. Will Krevelon | 2        | Sal              | Ĵ         | 12 b                      | prove                    | 9r      |
| Date:            |                    | Relinquished by: | hed by:                               | Received by:            | Xia:                        |   | )        |               |               |                            |          |                  |           | 5                         | Yold Co                  | )       |
| 10/2/23          | 900                | CULV             |                                       | Ø                       | Kourie                      | -10/7/73 7130   |          | Divect        | F             | 1-bill                     | ナ        | 5                | VANA      | wheel                     | J.                       |         |
|                  |                    |                  |                                       |                         | factor of the state of the  | the second se | dinner o | lite. Am      | Condition 1   | COACCARC.                  | N 0+07   |                  | STOC VING |                           | alvtical report.         |         |

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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

COMMENTS

| Operator:                    | OGRID:                                    |
|------------------------------|---|
| Silverback Operating II, LLC | 330968                                    |
| 19707 IH10 West, Suite 201   | Action Number:                            |
| San Antonio, TX 78256        | 289800                                    |
|                              | Action Type:                              |
|                              | [C-141] Release Corrective Action (C-141) |

#### COMMENTS

|            |      | -  |                 |
|------------|------|--|-----------------|
| Crea<br>By | ated | Comment  | Comment<br>Date |
| cs         | mith | Returned to OCD Review, Initial Review only reviewed Initial C-141 and not the Remediation Plan. | 1/30/2024       |

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Action 289800

District I 1625 N. French Dr., Hobbs, NM 88240 Phone:(575) 393-6161 Fax:(575) 393-0720 District II

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CONDITIONS

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| San Antonio, TX 78256        | 289800                                    |
|                              | Action Type:                              |
|                              | [C-141] Release Corrective Action (C-141) |

#### CONDITIONS Created By Condition Condition Date The Remediation Plan is Conditionally Approved. As discussed, TP23-04 and TP23-05 must be fully delineated per 19.15.29.11 A.(5)(c). The variance 1/31/2024 scott.rodgers request to test for chloride only in confirmation samples is approved. The variance request to obtain confirmation samples representative of 700 square feet is not approved, however OCD will approve a variance for samples to be representative of no more than 400 square feet. OCD notes the initial C-141 was due on 10/02/2023 and was not received until 11/30/2023. Please submit the closure report to the OCD by 04/30/2024.

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Action 289800